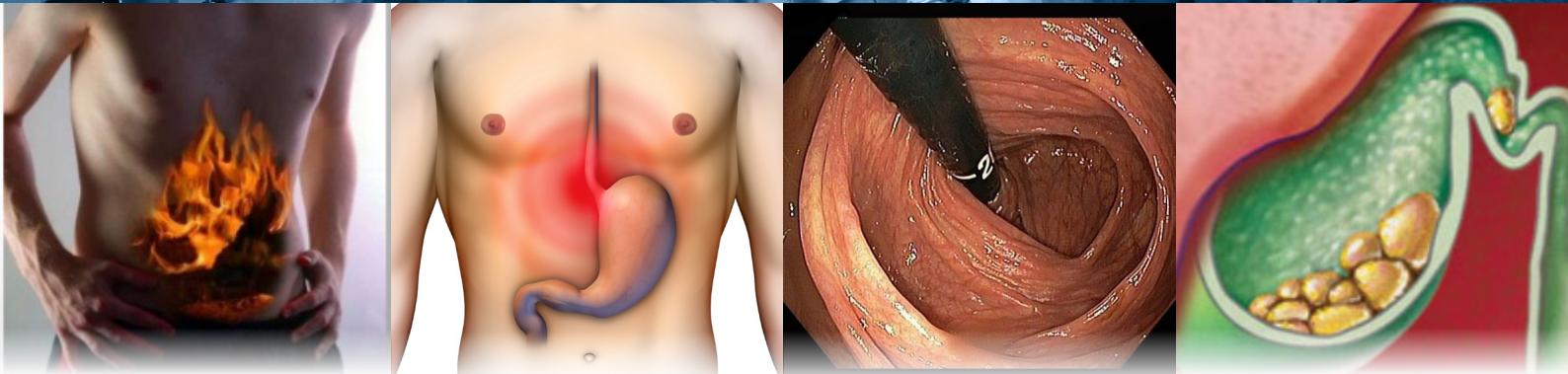


Proceedings of

9TH EURO GLOBAL GASTROENTEROLOGY CONFERENCE AND HEPATITIS VACCINES

October 24-25, 2016 Valencia, Spain



Hosting Organizations: **Conference Series LLC**

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Scientific Program

Gastro Congress & Hepatitis Vaccines 2016

Melia Meeting Hall 1&2

conference**series.com** 09:30-10:00

Opening Ceremony

Introduction

- 10:00-10:45 **Title: Gastroesophageal reflux disease in the older patient**
 Maxwell Mani Chait, Columbia University College of Physicians, USA
- 10:45-11:30 **Title: Shocking the GI tract: Electrical stimulation from top to bottom**
 Steven Teich, Nationwide Children's Hospital, USA

Panel Discussion

Group Photo

Networking and Refreshment Break 11:30-11:45 (Foyer Business Center)

- 11:45-12:30 **Title: What the future holds for tissue engineering in the GI tract?**
 Khalil N Bitar, Wake Forest Institute, USA

Sessions:

Acid Related Diseases

Gastro intestinal reflux disease

Recent Advancement and Current Research in Gastrointestinal Therapeutics

Endoscopic Innovations in Gastroenterology and surgery

Session Chair: Maxwell Mani Chait, Columbia University College of Physicians, USA

Session Co-chair: Khalil N Bitar, Wake Forest Institute, USA

Session Introduction

- 12:30-12:55 **Title: What is the Role of Palliative Care Principles in Cirrhosis Care: Three Initiatives**
 Amanda J Brisebois, University of Alberta, Canada
- 12:55-13:20 **Title: Acid-suppressive medications and infections: pro and contra**
 Alexander Fisher, Australian National University Medical School, Australia

Lunch Break 13:20-14:05 @ Hotel Restaurants

- 14:05-14:30 **Title: Endoscopic double-layer suture for the gastrointestinal wall defect after full-thickness resection**
 Bing-Rong Liu, Harbin Medical University, China
- 14:30-14:55 **Title: BRCA associated pancreatic cancer & other DNA repair deficiencies**
 Golan talia, Sheba Medical Center, Israel
- 14:55-15:20 **Title: Anti-inflammatory effect of angiotensin 1-7 (Ang 1-7) in the mouse DSS colitis model**
 Maitham Khajah, Kuwait University, Kuwait
- 15:20-15:45 **Title: Management of chronic pancreatic is in Children**
 Vijaya Kumar, Kasturba Medical College, India
- 15:45-16:10 **Title: Interleukin-1 receptor antagonist knockout mice as a model of the inflammatory bowel disease**
 Rasha Hatem Saeed Dosh, Sheffield Hallam University, United Kingdom

Networking and Refreshment Break 16:10-16:25 @ Foyer

- 16:25-16:50 **Title: Effects of Manuka Honey on Gastric Ulcers in Rats**
 Steve Harakeh, Yousef Abdulatif Jameel, Saudi Arabia

16:50-17:15 **Title: Endoscopic finding of minimal change esophagitis and its Role in the Diagnosis of NERD patients**

Khaled Abdelwaly, IBN SINA University hospital, Morocco

17:15-17:40 **Title: Differential Diagnosis Plays A Major Role**

Anjana Vasudevan, Sri Ramachandra University, India

Panel Discussions

Day 2 October 25, 2016

Melia Meeting Hall 1&2

Keynote Forum

Introduction

09:00-09:45

Title: Gastrointestinal Endoscopic Innovation from China

Bing-Rong Liu, Harbin Medical University, China

09:45-10:30

Title: Integration of Palliative Principles in the Management of Patients with Compensated and Decompensated Cirrhosis

Amanda J Brisebois, University of Alberta, Canada

Panel Discussions

Networking and Refreshment Break 10:30-10:45 @ Foyer

Poster Presentations

10:45-11:30 @ Cassia

GCP 01

Title: Interleukin-1 receptor antagonist knockout mice as a model of the inflammatory bowel disease

Rasha Hatem Saeed Dosh, Sheffield Hallam University, United Kingdom

GCP 02

Title: Comparison of Safety According to the timing of Flumazenil Administration in Sedative Endoscopy with Midazolam ; A Single center, prospective, randomized, double-blinded study

Hongsoon Jung, Seoul St. Mary's Hospital, Korea

GCP 03

Title: The profile of megalin receptors gene expressions and genes associated with their activity in colorectal cancer patients

Paweł Koziel, Silesian Medical University, Poland

GCP 04

Title: Serum levels of ADAM 12 and ADAM 17 in patient with colorectal cancer depending on the staging and grading

Paweł Koziel, Silesian Medical University, Poland

GCP 05

Title: Pentasa Enema in Acute Pancreatitis Patients a case report

khaled Abdelwali, University Mohammed V, Morocco

GCP 06

Title: Multidisciplinary approach to the treatment of chronic pancreatitis in children – Institutional experience

Vijaya Kumar, Kasturba Medical College, India

GCP 07

Title: Hepatitis B Virus envelope variability of genotype A strains correlated with HBsAg persistence in patients with acute or chronic hepatitis B and in HBV/HIV co-infected patients.

Eschlimann Marine, Lorraine University, France

GCP 08

Title: Tobacco expression of novel envelope proteins-derived HBV antigens for cost-effective vaccine development

Mihaela-Olivia Dobrica, Institute of Biochemistry of the Romanian Academy, Romania

GCP 09

Title: Crohn's disease and intestinal tuberculosis, a two overlapping conditions

khaled Abdelwali, University Mohammed V, Morocco

Sessions:

Inflammatory Bowel Diseases

Gastrointestinal Bleeding

Pediatric Gastroenterology & Nutrition

Clinical Advances in Liver Diseases

Session Chair: Bing-Rong Liu, Harbin Medical University, China
Session Co-Chair: Amanda J Brisebois, University of Alberta, Canada

Session Introduction

- 11:30-11:55** **Title: Long-term restoration of fecal continence after autologous Bio Sphincter implantation in a large animal model of passive fecal incontinence**
Khalil N Bitar, Wake Forest Institute, USA
- 11:55-12:20** **Title: Complications of gastro esophageal reflux disease**
Maxwell Mani Chait, Columbia University College of Physicians, USA
- 12:20-12:45** **Title: Effect of antiviral therapy on serum activity of angiotensin converting enzyme in patients with chronic hepatitis C**
Azra Husic-Selimovic, University Clinical Center Sarajevo, Bosnia
- 12:45-13:10** **Title: Obesity and microbiota among healthy Saudis with various degrees of obesity**
Steve Harakeh, Yousef Abdulatif Jameel, Saudi Arabia

Lunch Break 13:10-13:55 @ bottom Restaurant

- 13:55-14:20** **Title: The role of Granulocyte-macrophage colony stimulating factor (GM-CSF) in colitis**
Maiham Khajah, Kuwait University, Kuwait
- 14:20-14:45** **Title: Low-dosed lyophilized plant tissue bearing VLPs of HBV small surface antigen as an oral booster vaccine against hepatitis B**
Tomasz Pniewski, Polish Academy of Sciences, Poland
- 14:45-15:10** **Title: Unanticipated mystery unravelled**
Anjana Vasudevan, Sri Ramachandra University, India
- 15:10-15:35** **Title: Laparoscopic total colectomy with ileorectostomy for familial adenomatous polyposis**
A.SIMSEK, Gulhane Military Medical Academy, Turkey

Networking and Refreshment Break 15:35-15:50 @ Foyer Bussiness Center

Panel Discussions

B2B and Networking Session



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Advances in Dairy Research	2329-888X
Agrotechnology	2168-9881
Aquaculture Research & Development	2155-9546
Arabidopsis C. Elegans and Zebrafish	-
Biofertilizers & Biopesticides	2155-6202
Crop Research	2454-1761
Experimental Food Chemistry	-
Fisheries & Livestock Production	2332-2608
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Food & Nutritional Disorders	2324-9323
Food Processing & Technology	2157-7110
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Forest Research	2168-9776
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Arabian Journal of Business and Management Review	2223-5833
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Business & Hotel Management	2324-9129
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International Journal of Accounting Research	-
International Journal of Economics and Management Science	2162-6359
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Immuno Chemistry: Open Access	-
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International Journal of Drug Development & Research	0975-9344
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Kidney	-	Psoriasis & Rosacea Open Access	-
Kidney Transplant	-	Psychiatry	2378-5756
La Prensa Medica	0032-745X	Psychological Abnormalities in Children	2329-9525
Laser Surgery and Therapy	-	Psychology & Psychotherapy	2161-0487
Leukemia	2329-6917	Pulmonary & Respiratory Medicine	2161-105x
Liposuction	-	Rare Disorders & Diseases	-
Liver	2167-0889	Regenerative Medicine	2325-9620
Liver: Disease & Transplantation	2325-9612	Reproductive Endocrinology & Infertility	-
Lung Cancer Diagnosis & Treatment	-	Reproductive System & Sexual Disorders	2161-038x
Lung Diseases & Treatment	-	Research & Reviews: Journal of Dental Sciences	2320-7949
Malaria Control & Elimination	2090-2778	Research & Reviews: Journal of Medical and Health Sciences	2319-9865
Maternal and Pediatric Nutrition	-	Research Journal of Biology	2322-0066
Medical & Surgical Pathology	-	Sleep Disorders & Therapy	2167-0277
Medical & Surgical Urology	2168-9857	Sleep Disorders : Treatment & Care	2325-9639
Medical and Clinical Reviews	-	Spine	2165-7939
Medical Case Reports	-	Spine & Neurosurgery	2325-9701
Medical Diagnostic Methods	2168-9784	Spine Research	-
Medical Toxicology and Clinical Forensic Medicine	-	Sports Medicine & Doping Studies	2161-0673
Melanoma and Skin Diseases	-	Sports Nutrition and Therapy	-
Mental Health in Family Medicine	2327-4972	Steroids & Hormonal Science	2157-7536
Mental Illness and Treatment	-	Stroke Research & Therapy	-
Metabolic Syndrome	2167-0943	Journal of Surgery [Jurnalul de Chirurgie]	1584-9341
Molecular & Medical Histology	-	Surgery: Current Research	2161-1076
Molecular Medicine & Therapeutics	2324-8769	The Headache Journal	-
Neonatal Biology	2167-0897	The International Journal of Apathery	-
		The Pancreas	1590-8577
		Therapeutic Care and Physical Rehabilitation	-

Thrombosis and Circulation	-
Thyroid Disorders & Therapy	2167-7948
Translational Medicine	2161-1025
Transplant Reports : Open Access	-
Transplantation Technologies & Research	2161-0991
Trauma & Acute Care	-
Trauma & Treatment	2167-1222
Traumatic Stress Disorders & Treatment	2324-8947
Tropical Medicine & Surgery	2329-9088
Tumor Diagnostics and Reports	-
Universal Surgery	2254-6758
Vascular Medicine & Surgery	2329-6925
Vitiligo & Dermatomyositis	-
Voice Medicine & Surgery	-
Women's Health Care	2167-0420
Wound Medicine and Tissue Repair	-
Yoga & Physical Therapy	2157-7595

Microbiology

Advances in Influenza Research	-
Antimicrobial Agents	-
Antivirals & Antiretrovirals	1948-5964
Applied Microbiology: Open Access	-
Archives of Clinical Microbiology	1989-8436
Bacteriology and Parasitology	2155-9597
Clinical Infectious Diseases & Practice	-
Clinical Microbiology: Open Access	2327-5073
Colitis & Diverticulitis	-
Emerging Infectious Diseases	-
Fermentation Technology	2167-7972
Fibromyalgia: Open Access	-
Forensic Pathology	-
Hepatitis	-
Human Papillomavirus	-
Infectious Diseases and Diagnosis	-
Infectious Diseases and Therapy	2332-0877
Medical Microbiology & Diagnosis	2161-0703
Medical Mycology: Open Access	-
Meningitis	-
Mycobacterial Diseases	2161-1068
Pediatric Infectious Diseases: Open Access	-
Research & Reviews: Journal of Microbiology and Biotechnology	2320-3528
Research & Reviews: Journal of Inflammation	-
Research & Reviews: Journal of Pathology & Epidemiology	-
Virology & Mycology	2161-0517

Neuroscience

Addiction Research & Therapy	2155-6105
Alzheimers Disease & Parkinsonism	2161-0460
Autism-Open Access	2165-7890
Brain Disorders & Therapy	2168-975X
Child & Adolescent Behavior	2375-4494
Clinical & Experimental Neuroimmunology	-
Dementia & Mental Health	-
Epilepsy Journal	-
Insights in Clinical Neurology	-
International Journal of Neurorehabilitation	2376-0281
Multiple Sclerosis	2376-0389
Neurological Disorders	2329-6895
Neurology & Neurophysiology	2155-9562
Neurology and Neuroscience	2171-6625
Neuropsychiatry	-
Neuroscience & Clinical Research	-
Schizophrenia Journal	-

Health Care & Nursing

Advanced Practices in Nursing	-
Community & Public Health Nursing	-
Nursing & Care	2167-1168
Nursing & Clinical Research	-
Patient Care	-
Perioperative & Critical Intensive Care Nursing	-
Research & Reviews: Journal of Nursing and Health Sciences	-

Pharmaceutical Sciences

Advances in Pharmacoepidemiology & Drug Safety	2167-1052
Alcoholism & Drug Dependence	2329-6488
Bioanalysis & Biomedicine	1948-593X
Biochemistry & Pharmacology: Open Access Journal	2167-0501
Bioequivalence & Bioavailability	0975-0851
Biomarkers in Drug Development	2327-4441
Biomarkers Journal	-
Biomolecular Research & Therapeutics	2167-7956
Cardiovascular Pharmacology: Open Access	2329-6607
Clinical & Experimental Pharmacology	2161-1459
Clinical Pharmacology and Biopharmaceutics	2167-065X
Current Trends in Nutraceuticals	-
Developing Drugs	2329-6631
Diagnostic Techniques & Biomedical Analysis	-
Drug Designing: Open Access	2169-0138
Drug Metabolism & Toxicology	2157-7609
in Silico & in Vitro Pharmacology	-
Molecular Enzymology and Drug Targets	-
Molecular Pharmaceutics & Organic Process Research	2329-9053
Pharmaceutica Analytica Acta	2153-2435
Pharmaceutical Care & Health Systems	2376-0419
Pharmaceutical Microbiology	-
Pharmaceutical Regulatory Affairs: Open Access	2167-7689
Pharmaceutical Sciences & Emerging Drugs	-
Pharmaceutics & Drug Delivery Research	2325-9604
Pharmacoeconomics: Open Access	-
Pharmacogenomics and Pharmacoproteomics	2153-0645
Pharmacognosy & Natural Products	-
Pharmacokinetics & Experimental Therapeutics	-
Pharmacological Reports	-
Pharmacovigilance	2329-6887
Research & Reviews: Journal of Hospital and Clinical Pharmacy	-
Research & Reviews: Journal of Pharmaceutical Analysis	2320-0812
Research & Reviews: Journal of Pharmaceutical Quality Assurance	-
Research & Reviews: Journal of Pharmaceutics and Nanotechnology	2347-7857
Research & Reviews: Journal of Pharmacognosy and Phytochemistry	2321-6182
Research & Reviews: Journal of Pharmacy and Pharmaceutical Sciences	2320-1215
Virology & Antiviral Research	2324-8955

Physics

Astrophysics & Aerospace Technology	2329-6542
Research & Reviews: Journal of Pure and Applied Physics	2320-2459
Vortex Science and Technology	2090-8369

Social & Political Sciences

Anthropology	2332-0915
Arts and Social Sciences Journal	2151-6200
Civil & Legal Sciences	2169-0170
Forensic Anthropology	-
Global Media Journal	1550-7521
Intellectual Property Rights: Open Access	2375-4516
Mass Communication & Journalism	2165-7912
Political Science & Public Affairs	2332-0761
Research & Reviews: Journal of Educational Studies	-
Research & Reviews: Journal of Social Sciences	-
Socialomics	2167-0358
Sociology & Criminology	2375-4435

Veterinary Sciences

Animal Nutrition	-
Primateology	2167-6801
Research & Reviews: Journal of Veterinary Sciences	-
Research & Reviews: Journal of Zoological Sciences	2321-6190
Veterinary Science & Medical Diagnosis	2325-9590
Veterinary Science & Technology	2157-7579

Impact Factors* (IF)

Journal Name	Pubmed Short Name	Impact Factor
Biological Systems: Open Access	Biol Syst Open Access	0.76
Journal of Biotechnology & Biomaterials	J Biotechnol Biomater	1.94
Journal of Psychology & Psychotherapy	J Psychol Psychother	1.3
Advanced Techniques in Biology & Medicine	Adv Tech Biol Med	1.08
AIDS & Clinical Research	J AIDS Clin Res	2.7
Autism Open Access	Autism Open Access	3.52
Biochemistry & Physiology: Open Access	Biochem Physiol	1.03
Diversity Equality in Health & Care	Divers Equal Health Care	2.49
Drug Designing: Open Access	Drug Des	6
Fungal Genomics & Biology	Fungal Genom Biol	1.15
International Journal of Genomic Medicine	Int J Genomic Med	0.67
Journal of Addiction Research & Therapy	J Addict Res Ther	2.86
Journal of Alzheimers Disease & Parkinsonism	J Alzheimers Dis Parkinsonism	1.18
Journal of Fertilization: In Vitro	JFIV Reprod Med Genet	1
Journal of Genetic Syndromes & Gene therapy	J Genet Syndr Gene Ther	2.34
Journal of Microbial & Biochemical Technology	J Microb Biochem Technol	2.5
Journal of Nursing & Care	J Nurs Care	1.6
Journal of Osteoporosis and Physical Activity	J Osteopor Phys Act	0.66
Journal of Yoga & Physical Therapy	J Yoga Phys Ther	1.17
Molecular Biology	Mol Biol	1.85
Neurology & Neurophysiology	J Neurol Neurophysiol	0.77
Primary health care	Prim Health Care	1
Quality in Primary Care	Qual Prim Care	3.88
Tissue Science & Engineering	J Tissue Sci Eng	2.72
Biochemistry & Analytical Biochemistry	Biochem Anal Biochem	2.6
Molecular and Genetic Medicine	J Mol Genet Med	2.89
Advancements in Genetic Engineering	Adv Genet Eng	1
Enzyme Engineering	Enz Eng	2.3
Depression and Anxiety	J Depress Anxiety	1
Human Genetics & Embryology	Human Genet Embryol	1.2
Current Synthetic and Systems Biology	Curr Synthetic Sys Biol	0.8
Hereditary Genetics: Current Research	Hereditary Genet	1.2
International Journal of Emergency Mental Health and Human Resilience	Int J Emerg Ment Health	6.5
Spine	J Spine	1.9
Cloning & Transgenesis	Clon Transgen	1.5
Journal of Medical Microbiology & Diagnosis	J Med Microb Diagn	1.9
Biosensors Journal	Biosens J	0.33
Defense Management	J Def Manag	0.5
Review of Public Administration and Management	Review Pub Administration Manag	0.2
Single cell biology	Single Cell Biol	1
Gerontology & Geriatric Research	J Gerontol Geriatr Res	1
Neuroinfectious Diseases	J Neuroinfect Dis	2.4
Cell Science & Therapy	J Cell Sci Ther	1.37
Molecular Biomarkers & Diagnosis	J Mol Biomark Diagn	2.1
Brain Disorders & Therapy	Brain Disord Ther	1.6
Clinical Case Reports	J Clin Case Rep	1.2
Gene Technology	Gene Technol	0.83
Socialomics	J Socialomics	2.3
Journal of Trauma and Treatment	J Trauma Treat	0.6
Translational Biomedicine	Transl Biomed	1.06
Journal of Neurology and Neuroscience	J Neurol Neurosci	0.88
Research & Reviews: Journal of Botanical Sciences	J Bot Sci	0.33
Journal of Psychiatry	J Psychiatry	2.32
Anaplastology	Anaplastology	0.73
Tropical Medicine & Surgery	Trop Med Surg	0.4
Orthopedic & Muscular System: Current Research	Orthop Muscular Syst	0.32
Pediatrics & Therapeutics	Pediat Therapeut	1.32
Sports Medicine & Doping Studies	J Sports Med Doping Stud	1.45
Journal of Oral Hygiene & Health	J Oral Hyg Health	0.52
Emergency Medicine	Emerg Med (Los Angel)	0.875
Journal of Transplantation Technologies & Research	J Transplant Technol Res	1.39
Journal of Hypertension: Open Access	J Hypertens (Los Angel)	0.92
International Journal of Waste Resources	Int J Waste Resour	1.95
Surgery: Current research	Surgery Curr Re	0.587

Oral Health and Dental Management	Oral Health Dent Manag	1.23
International Journal of Advancement technology	Int J Adv Tech	5.08
Translational Medicine	Transl Med (Sunnyvale)	1.312
Air and Water Borne Diseases	Air Water Borne Diseases	0.6
Journal of Coastal Zone Management	J Coast Zone Manag	0.54
Biology and Medicine	Biol Med (Aligarh)	3.07
Journal of Bioterrorism and Biodefense	J Bioterror Biodef	0.38
Journal of Tropical Diseases & Public Health	J Trop Dis	0.83
Journal of Surgery	Journal of Surgery [Jurnalul de chirurgie]	0.08
Nephrology & Therapeutics	J Nephrol Ther	0.318
Journal of Fundamentals of Renewable Energy and Applications	J Fundam Renewable Energy Appl	1.41
Advances in Pharmacoepidemiology & Drug Safety	Adv Pharmacoepidemiol Drug Saf	1.37
Bioanalysis & Biomedicine	J Bioanal Biomed	1.67
Biochemistry & Pharmacology: Open Access	Biochem Pharmacol (Los Angel)	2.09
Bioequivalence & Bioavailability	J Bioequiv Availab	1.88
Biomolecular Research & Therapeutics	J Biomol Res Ther	1.67
Cardiovascular Pharmacology: Open Access	Cardiol Pharmacol	1.77
Clinical & Experimental Pharmacology	Clin Exp Pharmacol	1.83
Clinical Pharmacology & Biopharmaceutics	Clin Pharmacol Biopharm	1.69
Data Mining in Genomics & Proteomics	J Data Mining Genomics Proteomics	2
Drug Metabolism & Toxicology	J Drug Metab Toxicol	1.37
Ergonomics	J Ergonomics	1.38
Glycomics & Lipidomics	J Glycomics Lipidomics	1.82
Health & Medical Informatics	J Health Med Inform	1.98
Metabolomics: Open Access	Metabolomics (Los Angel)	3.03
Nanomedicine & Biotherapeutic Discovery	J Nanomedine Biotherapeutic Discov	2.69
OMICS Journal of Radiology	OMICS J Radiol	0.54
Pharmaceutica Analytica Acta	Pharm Anal Acta	1.83
Pharmaceutical Regulatory Affairs: Open Access	Pharm Regul Aff	1.88
Pharmacogenomics & Pharmacoproteomics	J Pharmacogenomics Pharmacoproteomics	1.69
Pharmacovigilance	J Pharmacovigil	2.65
Phylogenetics & Evolutionary Biology	J Phylogenetics Evol Biol	2.76
Proteomics & Bioinformatics	J Proteomics Bioinform	2.55
Advances in Automobile Engineering	Adv Automob Eng	1.750
Advances in Robotics & Automation	Adv Robot Autom	0.813
Arts and Social Sciences Journal	Arts Social Sci J	1.231
Bioceramics Developments and Applications	Bioceram Dev Appl	0.958
Business & Financial Affairs	J Bus & Fin Aff	2.000
Generalized Lie Theory and Applications	J Generalized Lie Theory Appl	1.750
Irrigation & Drainage Systems Engineering	Irrigat Drainage Sys Eng	4.286
Industrial Engineering & Management	Ind Eng Manage	0.474
Aeronautics & Aerospace Engineering	J Aeronaut Aerospace Eng	1.407
Applied & Computational Mathematics	J Appl Computat Math	0.581
Architectural Engineering Technology	J Archit Eng Tech	1.071
Accounting & Marketing	J Account Mark	0.500
Aquaculture Research & Development	J Aquac Res Development	1.272
Bioengineering & Biomedical Science	J Bioeng Biomed Sci	1.235
Biometrics & Biostatistics	J Biomet Biostat	1.272
Biosensors & Bioelectronics	J Biosens Bioelectron	2.137
Civil & Environmental Engineering	J Civil Environ Eng	1.294
Cytology & Histology	J Cytol Histol	0.569
Civil & Legal Sciences	J Civil Legal Sci	0.286
Ecosystem & Ecography	J Ecosyst Ecogr	1.806
Electrical & Electronic Systems	J Elec Electron Syst	0.533
Earth Science & Climatic Change	J Earth Sci Clim Change	2.082
Geography & Natural Disasters	J Geogr Nat Disast	0.800
Hotel & Business Management	J Hotel Bus Manage	1.600
Information Technology & Software Engineering	J Inform Tech Soft Engg	2.789
Molecular Imaging & Dynamics	J Mol Imaging Dynam	2.091

Earth Science & Climatic Change	J Earth Sci Clim Change	2.082
Geography & Natural Disasters	J Geogr Nat Disast	0.800
Hotel & Business Management	J Hotel Bus Manage	1.600
Information Technology & Software Engineering	J Inform Tech Soft Engg	2.789
Molecular Imaging & Dynamics	J Mol Imaging Dynam	2.091
Petroleum & Environmental Engineering	J Pet Environ Biotechnol	2.839
Stock & Forex Trading	J Stock Forex Trad	0.300
Textile Science & Engineering	J Textile Sci Eng	0.667
Tourism & Hospitality	J Tourism Hospit	1.190
Telecommunications System & Management	J Telecommun Syst Manage	0.800
Physical Mathematics	J Phys Math	4.500
Nanomedicine & Nanotechnology	J Nanomed Nanotechnol	4.68
Arabian Journal of Business and Management Review	Arab J Bus Manage Rev	1.42
Research and Reviews: Journal of Engineering and Technology	Engineering and Technology	0.14
Journal of Material Sciences & Engineering	J Material Sci Eng	1.31
Journal of Mass Communication & Journalism	J Mass Communicat Journalism	0.62
Journal of Powder Metallurgy & Mining	J Powder Metall Min	0.71
Journal of Applied Mechanical Engineering	J Appl Mech Eng	1.65
Archives of Clinical Microbiology		0.35
Dentistry	Dentistry	1.22
Journal of Diabetes & Metabolism	J Diabetes Metab	1.77
Otolaryngology: Current Research	Otolaryngol (Sunnyvale)	0.22
Journal of Metabolic Syndrome	J Metabolic Synd	1.27
Journal of Primatology	J Primatol	0.53
Journal of Thyroid Disorders & Therapy	Thyroid Disorders Ther	0.43
Journal of Novel Physiotherapies	J Nov Physiother	1.24
Journal of Stem Cell Research & Therapy	J Stem Cell Res Ther	2.78
Anatomy & Physiology: Current Research	Anat Physiol	1
Pancreatic Disorders & Therapy	Pancreat Disord Ther	0.54
Journal of Cancer Science & Therapy	J Cancer Sci Ther	4.203
Journal of Biomedical Sciences		0.2
Journal of Nutritional Disorders & Therapy	J Nutr Disord Ther	1.46
Medical & Surgical Urology	Med Surg Urol	0.3
Journal of Biochips & Tissue Chips	J Biochip Tissue Chip	1.7
Journal of Liver	J Liver	0.08
Journal of Family Medicine and Medical Research	Fam Med Med Sci Res	0.78
Gynecology & Obstetrics	Gynecol Obstet (Sunnyvale)	0.52
Journal of Integrative Oncology	J Integr Oncol	1.67
Journal of Neonatal Biology	J Neonatal Biol	0.55
Journal of Glycobiology	J Glycobiology	0.8
Journal of Blood & Lymph	J Blood Lymph	0.12
Journal of Arthritis	J Arthritis	1.87
Journal of Membrane Science & Technology	J Membra Sci Technol	1.18
Medicinal Chemistry	Med Chem (Los Angeles)	2.64
Journal of Physical Chemistry & Biophysics	J Phys Chem Biophys	0.75
Organic Chemistry: Current Research	Organic Chem Curr Res	1.94
Journal of Bioprocessing & Biotechniques	J Bioprocess Biotech	1.74
Journal of Environmental & Analytical Toxicology	J Environ Anal Toxicol	2.58
Journal of Chemical Engineering & Process Technology	J Chem Eng Process Technol	1.21
Journal of Computer Science & Systems Biology	J Comput Sci Syst Biol	1.62
Journal of Analytical & Bioanalytical Techniques	J Anal Bioanal Tech	2.16
Journal of Plant Biochemistry & Physiology	J Plant Biochem Physiol	2.28
Journal of Chromatography & Separation Techniques	J Chromatogr Sep Tech	1.78
Journal of Thermodynamics & Catalysis		0.91
Community Medicine & Health Education	J Community Med Health Educ	1.27
Epidemiology: Open Access	Epidemiology (Sunnyvale)	1.35
Obesity & Weight Loss Therapy	J Obes Weight Loss Ther	0.94

Pain & Relief	J Pain Relief	1.14
Palliative Care & Medicine	J Palliat Care Med	0.88
Steroids & Hormonal Science	J Steroids Horm Sci	0.65
Gastrointestinal & Digestive System	J Gastrointest Dig Syst	0.43
Hair: Therapy & Transplantation		0.6
Andrology	Andrology (Los Angel)	1.16
Endocrinology & Metabolic Syndrome	Endocrinol Metab Syndr	1.12
Internal Medicine		2.48
Sleep Disorders & Therapy	J Sleep Disord Ther	0.5
Nuclear Medicine & Radiation Therapy	J Nucl Med Radiat Ther	0.88
Alternative & Integrative Medicine	Altern Integr Med	1.11
Pulmonary & Respiratory Medicine	J Pulm Respir Med	1.01
Occupational Medicine Health Affairs	Occup Med Health Aff	0.85
Reproductive System & Sexual Disorders	Reprod Syst Sex Disord	1.25
Medical Diagnostic Methods		0.29
Blood Disorders & Transfusion	J Blood Disord Transfus	0.5
General Medicine	Gen Med (Los Angel)	0.86
Bioenergetics: Open Access	Bioenergetics	3.1
Chemotherapy: Open Access	Chemotherapy (Los Angel)	1.8
Clinical & Experimental Pathology	J Clin Exp Pathol	1.54
Carcinogenesis & Mutagenesis	J Carcinog Mutagen	1.9
Clinical Research & Bioethics	J Clinic Res Bioeth	0.95
Vaccines & Vaccination	J Vaccines Vaccin	1.8
Immunome Research	Immunome Res	7.1
Clinical & Experimental Ophthalmology	J Clin Exp Ophthalmol	1.11
Clinical & Experimental Dermatology Research	J Clin Exp Dermatol Res	0.5
Clinical & Experimental Cardiology	J Clin Exp Cardiology	1.33
Clinical Microbiology: Open Access	Clin Microbiol	0.7
Anesthesia & Clinical research	J Anesth Clin Res	0.7
Mycobacterial Diseases	Mycobact Dis	0.9
Clinical Toxicology	J Clin Toxicol	1.39
Clinical Trials & Research	J Clin Trials	1.33
Antivirals & Antiretrovirals	J Antivir Antiretrovir	1.27
Fermentation Technology	Ferment Technol	3.44
Clinical & Cellular immunology	J Clin Cell Immunol	2.019
Allergy & Therapy	J Allergy Ther	0.762
Bacteriology & Parasitology	J Bacteriol Parasitol	2.025
Rheumatology: Current Research	Rheumatology (Sunnyvale)	1.522
Virology & Mycology	Virolog Mycol	0.69
Clinics in Mother and Child Health	Clinics Mother Child Health	0.432
Womens Health Care	J Womens Health Care	0.79
Marine Science: Research & Development	J Marine Sci Res Dev	0.45
Plant Pathology & Microbiology	J Plant Pathol Microbiol	1.75
Geology & Geophysics	J Geol Geophys	0.91
Fisheries Sciences	J Fisheries Sci	0.51
Fisheries and Aquaculture Journal	Fish Aquac J	0.69
Bioremediation & Biodegradation	J Bioremediat Biodegrad	2.1
Advances in Crop Science and Technology	Adv Crop Sci Tech	0.39
Journal of Remote Sensing & GIS	J Geophys Remote Sens	0.77
Biofertilizers & Biopesticides	J Biofertil Biopestic.	1.19
Hydrology: Current Research	Hydrol Current Res	1.12
Probiotics & Health	J Prob Health	0.69
Veterinary Science & Technology	J Veterinar Sci Technolo	2.5
Medicinal & Aromatic Plants	Med Aromat Plants	2.02
Forest Research	Forest Res	1.69
International Journal of Sensor Networks and Data Communications	Sensor Netw Data Commun	1.66
Innovative Energy Policies	Innov Energ Policies	0.88
Biodiversity & Endangered Species	J Biodivers Endanger Species	0.25
Biosafety	Biosafety	0.49
Agrotechnology	Agrotechnol	0.69
Journal of Traditional Medicine and Clinical Naturopathy	J Tradition Med Clin Naturopth	0.49
Nutrition & Food Sciences	J Nutr Food Sci	1.14
Entomology, Ornithology & Herpetology	Entomol Ornithol Herpetol	1.26

Impact Factor Calculation:

Impact Factor was established by dividing the number of articles published in 2012 and 2013 with the number of times they are cited in 2014 based on Google search and the Scholar Citation Index database. If 'X' is the total number of articles published in 2012 and 2013, and 'Y' is the number of times these articles were cited in indexed journals during 2014 than, impact factor = Y/X

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Journal of Hepatology and Gastrointestinal disorders

www.omicsonline.org/hepatology-gastrointestinal-disorders.php

Journal of liver diseases and Transplantation

www.scitechnol.com/liver-disease-transplantation.php

Research and Reports in Gastroenterology

www.scitechnol.com/research-reports-gastroenterology.php

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Annual Meeting on Rheology Nov 10-11, 2016 Alicante, Spain	
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Annual Astronomy and Astrophysics Congress Dec 8-10, 2016 Dallas USA	
Psychiatry	
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Keynote Forum (Day 1)



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October 24-25, 2016 Valencia, Spain



Maxwell M Chait

Columbia University College of Physicians and Surgeons, USA

Gastroesophageal Reflux Disease in the Older Patient

Gastroesophageal reflux disease (GERD) is the most common upper gastrointestinal disorder seen in the older patient. Although older patients with GERD may have fewer symptoms, they can have more severe esophageal and extra esophageal complications that may be potentially life threatening. These complications include the esophageal complications of erosive esophagitis, esophageal stricture, Barrett's esophagus, adenocarcinoma of the esophagus and the extra esophageal complications of atypical chest pain, ENT manifestations such as globus sensation and laryngitis, dental problems and pulmonary problems such as chronic cough, asthma, and pulmonary aspiration. A more aggressive approach may often be warranted in the older patient, because of the higher incidence of severe complications. The evaluation and management of GERD are generally the same in both younger and older patients. However, there are specific issues of causation, evaluation and treatment that must be addressed when dealing with the older patient, such as cognitive impairment, comorbidities and medication side effects.

Biography

Maxwell M. Chait completed his MD degree from the University of California School of Medicine at San Francisco. He is a Fellow of several prestigious organizations, including the American College of Physicians, American College of Gastroenterology, American Gastroenterological Association and the American Society for Gastrointestinal Endoscopy. He is a practicing gastroenterologist and assistant professor of medicine Columbia University College of Physicians and Surgeons in New York City. He has authored numerous publications in reputed journals. He is the editor-in-chief of the Journal of Liver Disease and Transplantation and serves on the editorial board of several journals.

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Steven Teich

Carolinas HealthCare/Levine Children's Hospital, USA

Shocking the GI tract: Electrical stimulation from top to bottom

Electrical stimulation of the gastrointestinal tract has been touted as a possible therapy for intestinal motor dysfunction since 1963 when Bilgutay, et al., reported the use of transluminal electrical stimulation to induce peristalsis. In the late 1960's and 1970's the myoelectrical activity of the gastrointestinal tract was elucidated along with its relationship to gut contractility. Out of this initial research several clinical applications of gastrointestinal electrical stimulation have arisen. These include gastric electrical stimulation (GES) for treatment of gastroparesis, sacral nerve stimulation (SNS) for treatment of fecal incontinence and constipation, and electrical stimulation of the lower esophageal sphincter (LES) for treatment of severe gastroesophageal reflux disease (GERD). GES is a low energy, high frequency system that stimulates the nerves that innervate the gastric antral muscle. GES improves nausea and vomiting, decreases medical costs, decreases hospital days, and improves quality of life in patients with gastroparesis refractory to dietary and pharmacological interventions. SNS is a low energy, high frequency system that directly stimulates the third sacral nerve root. SNS significantly improves severe fecal incontinence and constipation compared with optimal medical therapy. Electrical stimulation of the LES for treatment of GERD is the newest electrical stimulation therapy. Studies published in the last 2 years demonstrate sustained improvement in GERD outcome and GERD-HRQL, elimination of the need for daily GERD medications, and sustained normalization of esophageal acid exposure compared to standard medical therapy for severe GERD. Electrical stimulation of the gastrointestinal tract continues to have great potential for many GI disorders.

Biography

Steven Teich, MD graduated from The State University of New York at Buffalo College of Medicine. He completed a General Surgery Residency at George Washington University Hospital and a Pediatric Surgery Fellowship at the University of Pittsburgh. He is board certified in General Surgery, Pediatric Surgery, and Surgical Critical Care. He was Director of the Surgical Neuromodulation Program at Nationwide Children's Hospital, Columbus, OH. He has published 57 peer-reviewed papers and 16 book chapters and edited a book entitled Reoperative Pediatric Surgery. He serves on the editorial board of two journals and is an ad hoc reviewer for many journals.

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October 24-25, 2016 Valencia, Spain



Khalil N Bitar

Wake Forest School of Medicine Winston Salem, USA

What the future holds for tissue engineering in the GI tract?

Tissue engineering and regenerative medicine aim to restore, repair, or regenerate the function of the tissues. Gastrointestinal tissue engineering is a challenging process given the specific phenotype and alignment of each cell type that colonizes the tract. These properties are critical for proper functionality. Regeneration of the neuromuscular apparatus is of critical importance. New materials are emerging. Regeneration can be divided into acellular approaches such as decellularized matrices, synthetic and natural scaffolds as replacements to reconstruct the gut, or cell-based approaches such as tissue specific cells (smooth muscle cells, neural progenitor cells and epithelial cells), gut derived organoid units, and stem cells (organ buds). New stem cell strategies for in vitro modeling and in vivo therapies are emerging.

Biography

Khalil N Bitar is a Professor of Regenerative Medicine, Gastroenterology, Physiology and Biomedical Engineering. He is the Director of Gastroenterology Program at the Wake Forest Institute for Regenerative Medicine. He has published more than 100 papers in high impact journals and has been funded by NIH for more than 30 years. He is a Fellow of the American Gastroenterological Association.

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Scientific Tracks & Abstracts (Day 1)



Gastro Congress & Hepatitis Vaccines 2016

Acid Related Diseases | Gastro intestinal reflux disease | Recent Advancement and Current Research in Gastrointestinal Therapeutics | Endoscopic Innovations in Gastroenterology and surgery

Session Chair

Maxwell Mani Chait

Columbia University College of Physicians, USA

Session Co-Chair

Khalil N Bitar

Wake Forest Institute, USA

Session Introduction

Title: What is the Role of Palliative Care Principles in Cirrhosis Care: Three Initiatives

Amanda J Brisebois, University of Alberta, Canada

Title: Acid-suppressive medications and infections: pro and contra

Alexander Fisher, Australian National University Medical School, Australia

Title: Endoscopic double-layer suture for the gastrointestinal wall defect after full-thickness resection

Bing-Rong Liu, Harbin Medical University, China

Title: BRCA associated pancreatic cancer & other DNA repair deficiencies

Golan talia, Sheba Medical Center, Israel

Title: Anti-inflammatory effect of angiotensin 1-7 (Ang 1-7) in the mouse DSS colitis model

Maitham Khajah, Kuwait University, Kuwait

Title: Management of chronic pancreatic is in Children

Vijaya Kumar, Kasturba Medical College, India

Title: Interleukin-1 receptor antagonist knockout mice as a model of the inflammatory bowel disease

Rasha Hatem Saeed Dosh, Sheffield Hallam University, United Kingdom

Title: Effects of Manuka Honey on Gastric Ulcers in Rats

Steve Harakeh, Yousef Abdulatif Jameel, Saudi Arabia

Title: Endoscopic finding of minimal change esophagitis and its Role in the Diagnosis of NERD patients

Khaled Abdelwaly, IBN SINA University hospital, , Morocco

Title: Differential Diagnosis Plays A Major Role

Anjana Vasudevan, Sri Ramachandra University, India

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October 24-25, 2016 Valencia, Spain

What is the role of palliative care principles in cirrhosis care: Three Initiatives

Amanda J Brisebois^{1,2}

¹University of Alberta, Canada

²Grey Nuns Hospital, Canada

Cirrhosis is a chronic progressive illness that affects 4.5% to 9.5% of the population, and an estimated 50 million adults worldwide. Alcohol, NASH and viral hepatitis are reported to be the most common causative factors. HCV is carried by an estimated 170 million people worldwide and approximately 3-4 million new cases occur a year. In 2001, cirrhosis ranked as the 14th and 10th leading cause of death in the world and in developed countries, respectively. Projections suggest that growth in the cirrhosis population is rapid, and is expected to rise to the 12th leading cause of death worldwide in 2020. Despite high mortality rates, frequent hospitalizations, low rates of advance care planning, and high symptom burden, discussions surrounding these issues are infrequent. In an Edmonton, Alberta, Canada Cirrhosis Care Clinic, only 15% of patients have ACP discussions and resulting goals of care designations (GCD), few have clear documentation and management of symptom burden, and Palliative Care specialists are infrequently involved. An outpatient non-cancer Palliative Care Clinic, has been in operation since 2012, and data has been collected for the 45 patients seen with cirrhosis. Retrospective analysis of local inpatient experience has also been published. Within these settings, a multi-disciplinary group at the University Hospital in Edmonton has undertaken multiple research and clinical initiatives, to heighten the awareness of palliative principles applying to the care continuum of patients with cirrhosis. Three ongoing initiatives will be described: 1) Work expanding knowledge translation and utilization with respect to Advance Care Planning in cirrhosis patients. 2) Outpatient non-cancer palliative clinic outcomes in cirrhosis patients describing symptom burden, success of symptom management, ACP utilization and issues in transitions of care. 3) Burden of pain in the cirrhosis population, difficulties with therapy, and utility of non-pharmacologic therapies, including an ongoing study in mindfulness intervention. For all initiatives, educational pamphlets have been created and testing is underway. The multi-disciplinary group is involved in local, Canadian and international education regarding the integration of palliative principles into regular cirrhosis care.

Biography

Amanda J Brisebois is an Internal Medicine and Palliative Care Specialist, who works in Edmonton, Alberta, Canada. She undertook her undergraduate education and Master's degree at Queen's University in Kingston, Ontario Canada. She completed her medical school training in Calgary, Alberta, and her General Medicine Specialty at the Mayo Clinic Rochester Minnesota, University of Calgary in Calgary, Alberta, and University of Alberta, in Edmonton. Since 2000, she has been practicing General Internal Medicine in both inpatient and outpatient settings. She also is a certified Palliative Care Specialist. She has a keen interest in Medical Education, and has won over 15 major teaching awards since starting her practice. Her focused area of research and interest is now in non-cancer palliative care. She has created an outpatient non-cancer palliative care clinic at the University of Alberta, and sees patients with severe symptoms in the major areas of cardiology, pulmonary, renal, and cirrhosis care. She has published in this area, and is collaborating on multiple research projects in these areas. She has a keen interest in interdisciplinary and inter-specialty collaboration, with aims to improve transitions in care when navigating our health systems. She is currently an Associate Clinical Professor at the University of Alberta, and the Medicine Facility Chief at the Grey Nuns Hospital in Edmonton.

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October 24-25, 2016 Valencia, Spain

Acid-suppressive medications and infections: Pro and contra

Alexander Fisher

The Canberra Hospital- Australian National University Medical School, Australia

This review summarizes the benefits, risks and appropriate use of acid-suppressing drugs (ASDs), proton pump inhibitors (PPIs) and histamine-2 receptor antagonists (H2RAs), particularly in the elderly, advocating a rationale balanced and individualized approach aimed to minimize any serious adverse consequences. It focuses on current controversies on the potential of ASDs to contribute to infections - bacterial, parasitic, fungal, protozoan and viral, comprehensively and critically discusses the growing body of observational literature linking ASD use to a variety of enteric, respiratory, skin and systemic infectious diseases and complications (*Clostridium difficile* diarrhoea, pneumonia, spontaneous bacterial peritonitis, septicemia and other). The pathogenic mechanisms of ASD-associated infections (related and unrelated to the inhibition of gastric acid secretion, alterations of the gut microbiome and immunity), agent-specific side effects and drug-drug interactions are also described. However, accumulating data on the complexity of ASD effects involving important defense systems and resulting in dysbiosis and increased risk for infections, particularly in the elderly, should not invalidate their use as long as it is evidence based. Both probiotics use and correcting vitamin D status may have a significant protective effect decreasing the incidence of ASD-associated infections. The importance of individualized therapy and caution in ASD use considering the possible spectrum of adverse events, the balance of benefits and potential harms, factors that may predispose to and actions that may prevent/attenuate adverse effects is evident. A six step practical algorithm for ASD therapy based on the best available evidence is recommended.

Biography

Alexander Fisher, MBBS, PhD, Doc Med. Sci, FRACP, is a Senior Consultant, Department of Geriatric Medicine, Australian National University Medical School and The Canberra Hospital.

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October 24-25, 2016 Valencia, Spain

Endoscopic double-layer suture for the gastrointestinal wall defect after full-thickness resection

Bing-Rong Liu

Harbin Medical University, China

Background & Aims: Successful closure of gastrointestinal (GI) wall defects is the key procedure following endoscopic full-thickness resection (EFR). The aim is to describe a new endoscopic closure method for gastrointestinal wall defects after EFR procedure similar to hand-sewn double-layer suture technique — endoscopic double-layer suture (EDS) and evaluate the safety and efficacy of this method.

Methods: We retrospectively analyzed 15 patients who were presented at our institute between April 2011 and September 2015 with GI tumors (13 of gastric subepithelial tumors, 2 of colonic lateral spreading tumors) and who underwent EFR, with the resulting full-thickness wall defects being closed using EDS technique. The seromuscular and mucosal layers of wall defects were sutured separately by using endoclips with or without endoloops assistance during EDS procedure. Tumors characteristics, en bloc resection rates, suturing procedures and complications were evaluated in all patients.

Results: Successful en bloc resection and closure of wall defects were achieved in 15 cases (100%). The mean maximum size of lesions was 2.4 cm (range 1.0-3.3 cm). The mean size of wall defects after EFR was 2.1 cm (range 0.8-3.5 cm, ≥ 2.5 cm in 6 cases and < 2.5 cm in 9). The total mean closure time was 54.9 min (range 18-106 min), the mean closure time was 82.7 min (range 62-110 min) in ≥ 2.5 cm group and 36.4 min (range 18-60 min) in < 2.5 cm group ($P=0.01$). The mean number of endoclips during EDS was 26.7 (range 17-58) including 10.6 (range 5-26) in seromuscular closure and 16.1 (range 10-32) in mucosal closure. The suture procedure with endoloops assistance was completed in 7 patients (46.7%). Histological diagnosis was gastrointestinal stromal tumor (GIST) in 8 lesions (4 fundus, 2 bodies, 2 antrum), schwannoma in 3 lesions (2 fundus and 1 antrum), heterotopic pancreas in 1 lesion (antrum), cystic fibroma in 1 lesion (fundus) and early colonic adenocarcinoma in 2 lesions. Five patients developed localized peritonitis after treatment, 3 cases of postoperative peritonitis resolved after antibiotic treatment and two cases required placement of an abdominal tube for continuous peritoneal lavage 3 days without surgical intervention. No patient developed delayed hemorrhage, abdominal abscess and chronic fistula after the procedure. During the mean follow-up time of 19.1 (range 3-52) months, wounds healed in all cases and no tumor recurrence was found in any patients.

Conclusion: EDS is relatively safe and effective method for repairing GI wall defects resulting from EFR. The new closure method mimics hand-sewn double-layer suture technique during surgical procedure. However, EDS for closure of ≥ 2.5 cm GI wall defect is more time consuming, further control study is required to evaluate the efficacy of this method compared with other endoscopic GI defect suture method.

Biography

Bing-Rong Liu has completed his MD in 2002 from Chongqing Medical University. He was appointed as the Director of Gastrointestinal Department of the Second Affiliated Hospital of Harbin Medical University in June 2004. He has developed so many endoscopic new techniques and published more than 20 papers in reputed journals.

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BRCA associated pancreatic cancer & other DNA repair deficiencies

Golan Talia

Chaim Sheba Medical Center, Israel

Pancreatic ductal adenocarcinoma (PDAC) continues to pose a challenge globally and is expected to represent the second most common cause of cancer deaths in the next two decades. Familial clustering is found in about 10-15% of PDAC cases (FPC) with an apparent autosomal dominant pattern of genetic transmission, suggestive of an inherited cancer syndrome. An estimated 5% of FPC cases have DNA repair pathway aberrations. *BRCA1* and *BRCA2* deficient tumors, particularly in *BRCA1/BRCA2* germline mutation carriers, have a distinct clinical outcome and responsiveness to cisplatin-based therapy. PARPi may offer therapeutic promise in these cases and a phase III clinical trial is currently underway. Another familial subset resembles the BRCA- mutant clinical phenotype (displaying sensitivity to cisplatin therapy and improved prognosis) and maybe referred to as having DNA repair deficiencies (DDR), although their underlying genetic mutation is undefined. Recent whole genome sequencing studies have indicated that a subset of PDAC cases with genomic instability is enriched with *BRCA1*, *BRCA2* or *PALB2* mutations and a signature of DNA damage repair deficiency. These subtype of patients who displayed remarkable clinical response to DNA damaging agents thus suggesting the potential therapeutic effects of PARPi, extend beyond germline *BRCA 1/2* mutation carriers. *PALB2*, *Rad51*, *ATM*, *RPA1*, *FANCM*, *REV1L*, *XRCC* and *HUWE1* GAs lead to DNA repair defects and may represent potential targets for PARPi. Therefore, it is critical that we identify novel functional and cost-effective tools to identify high-risk DDR cases without the necessarily interrogating each of these genetic aberrations individually. Our group is studying this specific subgroup with clinical and translational studies.

Biography

Golan Talia is a Clinician-Scientist currently conducting translational laboratory research while also serving as the Medical Director in Chaim Sheba Medical Center. Her clinical interest is in patients with pancreatic cancer. She is developing an innovative model based on primary tumor cells obtained from patients' ascites. Her career goals include expertise in clinical medicine, translational laboratory research and drug development.

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October 24-25, 2016 Valencia, Spain

Anti-inflammatory effect of angiotensin 1-7 (Ang 1-7) in the mouse DSS colitis model

Maitham Khajah, Maryam Fateel, Kethireddy Ananthalakshmi and Yunus Luqmani
Kuwait University, Kuwait

Background: The role of angiotensin II (Ang II) in the pathogenesis of inflammatory bowel disease (IBD) is well documented but little is known of its more recently identified counter-regulatory peptide Ang1-7 and its signaling pathway ACE2/Ang 1-7/*mas*. Enhanced ACE2 expression has been observed in patients with IBD suggesting a role in its pathogenesis.

Aim: To determine the role of Ang 1-7 in modulating colitis severity *in vivo* using the mouse DSS colitis model, and its effect on immune cell functions *in vitro*.

Methods: DSS (3.5% w/v) was used to induce colitis in BALB/C mice and its severity was determined by gross and histological assessments, daily weight changes, and differential WBC counts. Plasma levels of several cytokines and chemokines was measured by proteome profiler kit from R&D systems. Colonic protein level for Ang II, ACE2, *mas* receptor, P-ERK1/2, P-p38MAPK, and P-Akt was determined by western blotting and immunofluorescence. Immune cell chemotaxis, apoptosis, and superoxide release was determined using the under agarose assay, Annexin-V/7AAD assay, and luminol oxidation kit respectively.

Results: Enhanced AngII, ACE2, and MasR1 expression was observed in the colon of mice after DSS treatment. Daily IP injections with Ang 1-7 (0.01-0.06 mg/kg, at both prophylactic and treatment approaches) significantly reduced colitis severity at gross and histological level, reduced phosphorylated levels of ERK1/2, p38, and Akt in the colon, and significantly reduced plasma levels of various cytokines and chemokines. Also, Ang 1-7 treatment significantly reduced neutrophil chemotaxis and superoxide release in response to WKYMVm (fMLP-peptide) stimulation, and increased neutrophil and mononuclear cell spontaneous apoptosis.

Conclusion: Ang 1-7 is a promising future therapeutic approach to control colitis severity in part through modulating the activity of various inflammatory signaling molecules, levels of various cytokines and chemokines, and immune cell functions which all are important for the inflammatory process.

Biography

Maitham Khajah has completed his BPharm degree from Faculty of Pharmacy, Kuwait University and obtained his PhD degree from the University of Calgary, Canada. He is currently an Assistant Professor in Kuwait University, Faculty of Pharmacy- Department of Pharmacology & Therapeutics since January 2010. His research interest focuses on studying new targets for the treatment of inflammatory bowel disease. He published various abstracts and peer reviewed manuscripts in international journals. He co-supervised many students for the MSc Molecular Biology Program. Since, he joined Kuwait University, he got various grants as PI and Co-I. He was awarded the Best Young Researcher Award by Kuwait University for the year 2013 – 2014.

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9TH EURO GLOBAL GASTROENTEROLOGY CONFERENCE AND HEPATITIS VACCINES

October 24-25, 2016 Valencia, Spain

Management of chronic pancreatic in children

Vijay Kumar

Kasturba Medical College, Manipal University, India

Chronic pancreatitis is a chronic inflammatory disease characterized by fibrosis and destruction of exocrine pancreatic tissue. It is prevalent in many parts of the world with varying epidemiological profiles in different areas. There is a relatively high prevalence of such disorders in southern India. In most series, the etiologies are trauma, biliary tract distension are unknown. In majority of CP in children, medical therapy alone suffices and surgical intervention is reserved for complications. This study was conducted to establish the clinical profile of pancreatic disorders in pediatric patients ranging in age from 1 to 19 years in a tertiary care hospital in southern India. The records of the patients upto 19 years of age diagnosed to have pancreatitis at our institution for the last 12 years were reviewed with a proforma to record the following parameters: Age, gender, presenting complaints, examination findings, investigations, management with medical treatment, surgical intervention or both and complications. There were 50 patients ranging from age group 3 to 19 years, out of which 30 were males and 20 were females. 41 patients were between the ages of 11-19 years, 5 were between the age of 6-10 years, and 4 were between the ages of 1-5 years. 28 patients presented with acute on chronic pancreatitis and 22 patients had calcific chronic pancreatitis. The etiology of CP in 42 patients was idiopathic, in 4 was biliary tract disease, 2 were alcoholic, and 2 were congenital (pancreatic divisum). Complications like pseudo cyst was seen in 19 patients, ascites in 4, diabetes in 3, pleural effusion in 3, splenic thrombosis in one, acute necrotizing pancreatitis in one, retroperitoneal abscess in one and acute renal failure in one patient. Apart from medical line of management, 12 patients underwent stenting of pancreatic duct and 10 underwent surgical treatment for complications. Among the complications, acute relapses of chronic pancreatitis were the most common. 38% of the patients had pseudocysts, 44% had calcific pancreatitis, 6% developed diabetes, 8% had ascites, 6% had pleural effusion and there were 3 deaths due to sepsis.

Biography

Vijay Kumar is a Professor and Head of Dept. of Pediatric Surgery in Kasturba Medical College, Manipal University. He had 41 scientific articles in various international and national journals. He presented 12 scientific papers at various international conferences held at Bangkok, Malaysia, Sri Lanka, Nepal, Dubai, UK, USA, etc. He presented more than 60 scientific papers at various national conferences, workshops held in different parts of India. He gave more than 30 scientific deliberations at various national, international conferences, workshops, scientific congresses, medical associations and chapters. He attended 15 pediatric surgery and pediatric urology workshops at national and international level as a resource person. He is an active member and office bearer in many social organizations. He organized and participated in many free medical camps in the community. He gave many talks on health awareness in the Radio and TV shows.

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October 24-25, 2016 Valencia, Spain

Novel *in vitro* three dimensional culture of human intestinal cell lines to develop a 3D model for inflammatory bowel disease

Rasha Hatem Saeed Dosh
Sheffield Hallam University

In order to develop an *in vitro* 3D cell culture model which mimics the natural environment of the small intestine, pNIPAM-Laponite hydrogel system was investigated. Human colonic adenocarcinoma cell lines: Caco-2 and HT29-MTX have been widely used in *in vitro* 3D culture system as these cells have the ability to differentiate into enterocyte-like cells and mucus producing goblet cells respectively; and exhibit the properties of intestinal epithelia. For these reasons each cell line and co-cultures were investigated in suspension and layered cultures using the novel pNIPAM hydrogels, cultures were maintained under static culture or dynamic culture for up to 8 weeks. Cell viability was assessed using Alamar Blue assay, and histological stains: H&E, Alcian Blue-Periodic Acid Schiffs (PAS) were used to investigate cellular morphological and matrix production. Scanning electron microscopy (SEM) was also used to assess the morphology of cells within the hydrogel. Both cell types remained viable and those cultured in layered cultures under dynamic culture formed villus like structures and produced both acidic and neutral mucins. SEM analysis showed the presence of cells within/on the surface of the hydrogel, where cells formed circular clusters of cells forming mosaics with each cell having microvilli. We conclude that the pNIPAM-Laponite hydrogel could provide a novel 3D intestinal *in vitro* model.

Biography

Rasha Hatem Saeed Dosh has completed her MSc from Al-Mustansiriyah University and worked as a Lecturer at University of Kufa College of Medicine/Iraq. She has published 4 papers in college of medicine journals. She is currently a second year PhD student at Sheffield Hallam University/UK.

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October 24-25, 2016 Valencia, Spain

Effects of manuka honey on gastric ulcers in rats

Steve Harakeh¹, Saad Almasaudi¹, Nagla El-Shitany^{1,2}, Aymn Abbas^{1,3}, Umama Abdel-dayem¹, Soad Ali¹ and Soad Al Jaouni¹

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Background & Objectives: Gastric ulcers are among the most common diseases affecting humans. This study aimed at investigating the gastro protective effects of manuka honey against ethanol-induced gastric ulcers in rats. The mechanism by which honey exerts its antiulcer potential was elucidated.

Methods: Four groups of rats were used: control, ethanol (ulcer), omeprazole, and manuka honey. Stomachs were examined macroscopically for hemorrhagic lesions in the glandular mucosa, histopathological changes, and glycoprotein detection. The effects of oxidative stress were investigated using the following indicators: gastric mucosal nitric oxide (NO), reduced glutathione (GSH), lipid peroxide (MDA, measured as malondialdehyde) glutathione peroxidase (GPx), superoxide dismutase (SOD) and catalase. Plasma tumor necrosis factor- α , interleukin-1 β , and IL-6 were also measured.

Results: Manuka honey significantly decreased the ulcer index, completely protected the mucosa from lesions, and preserved gastric mucosal glycoprotein. It significantly increased gastric mucosal levels of NO, GSH, GPx, and SOD. Manuka honey also decreased gastric mucosal MDA and plasma TNF- α , IL-1 β , and IL-6 concentrations.

Conclusion: Manuka honey likely exerted its antiulcer effect by keeping enzymatic (GPx and SOD) and non-enzymatic (GSH and NO) antioxidants as well as inflammatory cytokines (TNF- α , IL-1 β , and IL-6) in a reduced form, inhibited lipid peroxidation (MDA), and preserved mucous glycoproteins levels.

Biography

Steve Harakeh received his BSc and MSc from the American University of Beirut (AUB). He was awarded his PhD degree in Microbiology from the University of Surrey, UK. He spent two years as a Postdoctoral Research Fellow in the Microbiology and Immunology Department, School of Medicine, at Stanford University, USA, and then he was appointed as a Research Associate (Research Assistant Professor) in the same department. He joined the Linus Pauling Institute for Science and Medicine where he worked and published with Professor Pauling who is the only holder of two unshared Noble prizes in the world. After that he was appointed as a Professor of Microbiology at the AUB. Then he worked as a research professor at Dr. Rath Research Institute in California, USA. Currently, he is a Professor at the Special Infectious Agents Unit – Biosafety Level 3 (SIAU). He is the Vice Chairman of the KFMRC Quality Control and Biosafety Committee, member of infectious disease research group. He has recently been appointed as a member of “Yousef Abdullatif Jameel Research Chair for Prophetic Medicine” and is already engaged with them in several ongoing research projects. He is the recipient of several awards and research grants and published over seventy papers in peer reviewed journals and contributed to publishing chapters in many international scientific books.

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October 24-25, 2016 Valencia, Spain

Endoscopic finding of minimal change esophagitis and its role in the diagnosis of NERD patients

K Abdelwali, N Elkhabiz, Fz Momayaz, A Rahaoui, M Ferwana, N Elnakeeb and S Shalabi
Ibn Sina University Hospital, Rabat, Morocco

Background: Gastro esophageal reflux disease (GERD) is the reflux of gastric contents into the esophagus, leading to esophagitis, reflux symptoms sufficient to impair the quality of life, and increased risk of long-term complications. GERD is divided into erosive (ERD) and non-erosive (NERD) reflux disease, NERD has been regarded as reflux symptoms with the absence of mucosal breaks in the esophagus at endoscopy. However, NERD has been divided into normal and minimal changes based on endoscopic finding.

Objectives: To evaluate the clinical significance of minimal changes at endoscopy and examine whether such changes have diagnostic value in gastro esophageal reflux disease (NERD) or not.

Methods: 60 patients were recruited in this study, they were divided into 2 groups, Group I: Included 30 patients with GERD symptoms in form of heartburn and/or regurgitation more than twice a week with minimal duration of 8 consecutive weeks and troublesome symptoms affecting the daily life activities who were identified by specific questionnaire but negative mucosal breaks at upper GI endoscopy (NERD) as patient group. Group II: Included 30 patients without GERD symptoms attending for upper GI endoscopy for any other reason as a control group. Both of them were subjected to full history taking. Full clinical examination with special stress on BMI (weight/height); (normal 19-25 and over weight >25); and diagnostic upper GI endoscopy by expert endoscopists after patient consent was done.

Results: We identified two of the six minimal changes in esophagitis endoscopically as being more common in the patient group with GERD symptoms compared with the other findings which are erythema and white turbid discoloration.

Conclusion: According to our study, there is no clinical relevance in the diagnosis of NERD depending on endoscopic minimal change esophagitis.

Biography

K Abdelwali completed his MBCh in 2005, Faculty of Medicine, Assuit University and then worked in Assuit University Hospital for 1 year, after that he started working in Manshyet Elbakry Hospital in Cairo, Egypt in the Department of Gastroenterology and Liver Diseases, and then a part time Physiology Lecturer in Misr International University. He finished his Diploma in Internal Medicine in 2014 at Ain Shams University, Egypt. He moved to the Department of Gastroenterology and Liver Diseases in "Sheikh Zayed Al Nahyan" General and Specialized Hospital, Cairo. Now, he is resident in the Department of Gastroenterology and Liver Diseases, Ibn Sina University Hospital, Rabat, Morocco.

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October 24-25, 2016 Valencia, Spain

Differential Diagnosis Plays A Major Role

Anjana Vasudevan

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Gastrointestinal mesenchymal tumors comprise of gastrointestinal stromal tumors (GIST), leiomyomas, leiomyosarcomas and schwannomas, histologically all appear as spindle cells. Of these, GIST is the commonest occurring and about 60 to 70% are seen in the stomach. On the other hand, schwannomas occur frequently in the head and neck region, about 0.2%, of which 4% are seen in the stomach. Both gastric schwannomas and GISTs grossly appear similar and are spindle shaped cells in microscopic examination. Hence the aid of immune histo chemistry is required to differentiate the two. Both are frequently encountered among middle aged people, with no distinct clinical features. Difference between the two is their prognosis, excellent prognosis is seen in gastric schwannomas as they are mostly benign and GISTs have a 10 to 30% malignant potential. Here we present a 25 year old married, nulliparous female from west Bengal on fertility treatment diagnosed as GIST based upon her UGI scopy and CECT abdomen reports. She was taken up for gastrectomy D2 resection followed by gastrojejunostomy, jejunojejunostomy and a feeding jejunostomy. HPE reports revealed the tumor to be a gastric schwannoma.

Biography

Anjana Vasudevan has completed her MBBS at Chettinad University in the year 2014. She worked at Apollo Speciality Hospital, Perungudi, Chennai, India for almost a year and currently pursuing her Post-graduation at Sri Ramachandra University in the Department of General Surgery. She was accepted by the ICMR to do MS, PhD integrated course. She has published one article, participated and presented in several national and international conferences.

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Keynote Forum (Day 2)



Gastro Congress & Hepatitis Vaccines 2016

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October 24-25, 2016 Valencia, Spain



Bing-Rong Liu

Harbin Medical University, China

Gastrointestinal endoscopic innovation from China

Endoscopic Retrograde Appendicitis Therapy (ERAT): Inspired by the success of emergency endoscopic retrograde cholangiopancreatography (ERCP) in treating acute cholangitis, we developed a minimally invasive method named ERAT to diagnose and treat acute appendicitis. We first reported this technique in DDW 2011. At present, there are more than 20 medical centers in China to carry out the ERAT technique. ERAT provide a new procedure for the treatment of acute appendicitis with rapid pain relief and short recovery time.

Liu Peroral Endoscopic Myotomy (Liu-POEM): Peroral endoscopic myotomy (POEM) has emerged as one approach to treat esophageal achalasia. Tunnellization and the myotomy are the key procedures. Submucosal tunneling requires one-third to one-half of the total operation time. For improvement of POEM procedure, we performed myotomy and tunneling as one step and then closed the entry site as before. We performed the modified procedure more than 60 cases.

Endoscopic Fenestration: The treatment of pancreatic pseudocyst is challenging and difficult. Although endoscopic therapy of pancreatic pseudocyst is considering first line therapy, there are some cases requiring surgical intervention or repeated endoscopic drainage procedures. We described endoscopic fenestration for treatment of large pancreatic pseudocyst in 3 cases. Endoscopic fenestration could be obtaining sufficient drainage which avoids pancreatic pseudocyst recurrence. The pseudocyst cavity was gradually reduced and healed after endoscopic fenestration.

Transrectal Gallbladder-Preserving Cholecystolithotomy (TRGPC): Transcolonic NOTES was not used in human cases due to the fecal contamination. We have developed a detachable balloon to keep the distal colonic cavity sterile and performed cholecystolithotomy and polypectomy with gallbladder preserved in 36 patients by the end of May 2016. Transrectal NOTES gallbladder-preserving operation provides a novel alternative approach of treating gallbladder polyps and stones.

Endoscopic Submucosal Dissection for Losing Weight: The gastric endoscopic submucosal dissection (ESD) as a new bariatric technique can affect weight gain. Previous animal experimental study suggested that ESD of one thirds of the stomach fundus can effectively and durably decrease the volume of stomach, thus significantly affect weight gain.

Biography

Bing-Rong Liu has completed his MD in 2002 from Chongqing Medical University. He was appointed as the Director of Gastrointestinal Department of the Second Affiliated Hospital of Harbin Medical University in June 2004. He has developed so many endoscopic new techniques and published more than 20 papers in reputed journals.

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October 24-25, 2016 Valencia, Spain



Amanda Brisebois

University of Alberta, Canada

Integration of palliative principles in the management of patients with compensated and decompensated cirrhosis

Introduction: Patients with chronic illnesses such as cirrhosis, often have significant symptoms, psychosocial needs, and desires for heightened knowledge about their illness. Historically, cirrhosis management has focused on controlling or modifying cirrhosis progression, and complications of liver dysfunction. Work has started to focus on a parallel pathway of care, involving symptom management, early advance care planning, and other interventions aimed at improving a patient's ability to cope with chronic illness.

Discussion: A recent paper was published on August 2016 (Brisebois and Tandon 2016), suggesting various ways to heighten cirrhosis care early in the disease trajectory. This discussion will provide detailed strategies for GI specialists to integrate palliative principles into cirrhosis care early in the disease trajectory. Principles to be outlined include modern definitions of palliative care, how palliative principles can be integrated during acute decompensations, how non-palliative specialists can provide this type of care, and how palliative care services can aid the Family Practitioners and Gastroenterology Specialists at various stages of the cirrhosis disease trajectory. This discussion will aim to provide tools for non-palliative care practitioner to heighten patient support in these areas. Evidence for this care approach will be provided, based on the current literature.

Conclusion: Evidence is increasing for integration of palliative principles early in the cirrhosis disease trajectory. With continued work, perhaps interdisciplinary collaborations can heighten inclusive patient care and result in increased patient preparedness for the challenges that come with progressive decline in hepatic function.

Biography

Amanda Brisebois is an Internal Medicine and Palliative Care Specialist, who works in Edmonton, Alberta, Canada. She undertook her undergraduate education and Master's degree at Queen's University in Kingston, Ontario Canada. She completed her medical school training in Calgary, Alberta, and her General Medicine Specialty at the Mayo Clinic Rochester Minnesota, University of Calgary in Calgary, Alberta, and University of Alberta, in Edmonton. Since 2000, she has been practicing General Internal Medicine in both inpatient and outpatient settings. She also is a certified Palliative Care Specialist.

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October 24-25, 2016 Valencia, Spain

Scientific Tracks & Abstracts (Day 2)



Gastro Congress & Hepatitis Vaccines 2016

Inflammatory Bowel Diseases | Gastrointestinal Bleeding | Pediatric Gastroenterology & Nutrition | Clinical Advances in Liver Diseases

Session Chair

Steven Teich

Carolinas HealthCare/Levine Children's Hospital, USA

Session Co-Chair

Bing-Rong Liu

Harbin Medical University, China

Session Introduction

Title: Long-term restoration of fecal continence after autologous Bio Sphincter implantation in a large animal model of passive fecal incontinence

Khalil N Bitar, Wake Forest Institute, USA

Title: Complications of gastro esophageal reflux disease

Maxwell Mani Chait, Columbia University College of Physicians, USA

Title: Effect of antiviral therapy on serum activity of angiotensin converting enzyme in patients with chronic hepatitis C

Azra Husic-Selimovic, University Clinical Center Sarajevo, Bosnia

Title: Obesity and microbiota among healthy Saudis with various degrees of obesity

Steve Harakeh, Yousef Abdulatif Jameel, Saudi Arabia

Title: The role of Granulocyte-macrophage colony stimulating factor (GM-CSF) in colitis

Maitham Khajah, Kuwait University, Kuwait

Title: Low-dosed lyophilized plant tissue bearing VLPs of HBV small surface antigen as an oral booster vaccine against hepatitis B

Tomasz Pniewski, Polish Academy of Sciences, Poland

Title: Unanticipated mystery unravelled

Anjana Vasudevan, Sri Ramachandra University, India

Title: Laparoscopic total colectomy with ileorectostomy for familial adenomatous polyposis

A.SIMSEK, Gulhane Military Medical Academy, Turkey

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October 24-25, 2016 Valencia, Spain

Long-term restoration of fecal continence after autologous bio sphincter implantation in a large animal model of passive fecal incontinence

Khalil N Bitar

Wake Forest School of Medicine, USA

Background & Aim: Internal Anal Sphincter (IAS) dysfunction can lead to fecal incontinence (FI). The objective of this study was to demonstrate sustained restoration of fecal continence using monomeric recordings in a rabbit model of passive fecal incontinence after implantation of the Bio Sphincter.

Methods: The methodology followed in this study include: (1) New Zealand female white rabbits underwent IAS injury with hemi-circumferential IAS sphincterectomy; (2) Bio Sphincters were engineered using autologous IAS smooth muscle and enteric neural progenitor cells. Rabbits were randomized: Control untreated group and Bio Sphincter treated group. In the treated group, 4 autologous engineered Bio Sphincters were implanted 6-8 weeks following the sphincterectomy surgery; and (3) Anorectal manometry was used to measure resting anal pressure and recto-anal inhibitory reflex (RAIR) at baseline, 6 weeks post sphincterectomy, and at 3 months and 6 months after Bio Sphincter implantation.

Results: In the control untreated group, deterioration in fecal hygiene, decreased resting tone and loss of RAIR were observed post sphincterectomy in all rabbits. Autologous Bio Sphincters were successfully implanted into the donor rabbits without complications. Survival rate was 100%. In the Bio Sphincter treated group, restoration of basal tone (37 ± 3 mmHg, $p<0.05$) and RAIR ($60\pm 4\%$, $p<0.05$) were observed at 3 months was sustained for 6 months following Bio Sphincter implantation.

Conclusions: This study provides proof of concept of safety and efficacy of Bio Sphincters and restoration of IAS integrity and function and fecal continence in a large animal model. A regenerative medicine approach to restore impaired IAS function offers a safe and long-term treatment for passive fecal incontinence.

Biography

Khalil N Bitar, PhD, AGAF, is a Professor of Regenerative Medicine, Gastroenterology, Physiology and Biomedical Engineering. He is the Director of Gastroenterology program at the Wake Forest Institute for Regenerative Medicine. He has published more than 100 papers in high impact journals and has been funded by NIH for more than 30 years. He is a fellow of the American Gastroenterological Association.

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9TH EURO GLOBAL GASTROENTEROLOGY CONFERENCE AND HEPATITIS VACCINES

October 24-25, 2016 Valencia, Spain

Complications of gastro esophageal reflux disease

Maxwell M Chait
Columbia University, USA

Gastroesophageal reflux disease (GERD) is the most common upper gastrointestinal disorder. Esophageal and extra esophageal complications are common and may be potentially life threatening. Esophageal complications include erosive esophagitis, esophageal stricture, Barrett's esophagus and adenocarcinoma of the esophagus. Although, the evaluation and management of GERD is generally the same in the majority of patients, there are specific issues of causation, evaluation and treatment that must be addressed when dealing with patients when GERD complications arise. These include a variety of factors, such as patient age, cognitive impairment, comorbidities, medication side effects and esophageal or extra esophageal organ involvement.

Biography

Maxwell M. Chait completed his MD degree from the University of California School of Medicine at San Francisco. He is a Fellow of several prestigious organizations, including the American College of Physicians, American College of Gastroenterology, American Gastroenterological Association and the American Society for Gastrointestinal Endoscopy. He is a practicing gastroenterologist and assistant professor of medicine Columbia University College of Physicians and Surgeons in New York City. He has authored numerous publications in reputed journals. He is the editor-in-chief of the Journal of Liver Disease and Transplantation and serves on the editorial board of several journals.

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October 24-25, 2016 Valencia, Spain

Integration of palliative principles in the management of patients with compensated and decompensated cirrhosis

Amanda Brisebois

University of Alberta, Canada

Introduction: Patients with chronic illnesses such as cirrhosis, often have significant symptoms, psychosocial needs, and desires for heightened knowledge about their illness. Historically, cirrhosis management has focused on controlling or modifying cirrhosis progression, and complications of liver dysfunction. Work has started to focus on a parallel pathway of care, involving symptom management, early advance care planning, and other interventions aimed at improving a patient's ability to cope with chronic illness.

Discussion: A recent paper was published on August 2016 (Brisebois and Tandon 2016), suggesting various ways to heighten cirrhosis care early in the disease trajectory. This discussion will provide detailed strategies for GI specialists to integrate palliative principles into cirrhosis care early in the disease trajectory. Principles to be outlined include modern definitions of palliative care, how palliative principles can be integrated during acute decompensations, how non-palliative specialists can provide this type of care, and how palliative care services can aid the Family Practitioners and Gastroenterology Specialists at various stages of the cirrhosis disease trajectory. This discussion will aim to provide tools for non-palliative care practitioner to heighten patient support in these areas. Evidence for this care approach will be provided, based on the current literature.

Conclusion: Evidence is increasing for integration of palliative principles early in the cirrhosis disease trajectory. With continued work, perhaps interdisciplinary collaborations can heighten inclusive patient care and result in increased patient preparedness for the challenges that come with progressive decline in hepatic function.

Biography

Amanda Brisebois is an Internal Medicine and Palliative Care Specialist, who works in Edmonton, Alberta, Canada. She undertook her undergraduate education and Master's degree at Queen's University in Kingston, Ontario Canada. She completed her medical school training in Calgary, Alberta, and her General Medicine Specialty at the Mayo Clinic Rochester Minnesota, University of Calgary in Calgary, Alberta, and University of Alberta, in Edmonton. Since 2000, she has been practicing General Internal Medicine in both inpatient and outpatient settings. She also is a certified Palliative Care Specialist.

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October 24-25, 2016 Valencia, Spain

Effect of antiviral therapy on serum activity of angiotensin converting enzyme in patients with chronic hepatitis C

Azra Husic-Selimovic

University Clinical Center Sarajevo, Bosnia and Herzegovina

Introduction: Renin-angiotensin system (RAS) is frequently activated in patients with chronic liver disease. Angiotensin-II (AT-II), produced by angiotensin converting enzyme (ACE), has many physiological effects, including an important role in liver fibrogenesis. Combined antiviral therapy with PEG-IFN and ribavirin besides its antiviral effect also leads to a reduction in liver parenchyma fibrosis.

Aim: Determining the value of ACE in serum of patients with chronic hepatitis C before and after combined antiviral therapy, as well as the value of ACE activities in sera of the control group.

Materials & Methods: We studied 50 patients treated at Gastroenterohepatology Department, in the time-period of four years. Value of ACE in serum was determined by Olympus AU 400 device with application of kit "Infinity TN ACE Liquid Stable Reagent". HCV RNA levels in sera were measured by real time PCR. HCV RNA test was performed with modular analysis of AMPLICOR and COBAS AMPLICOR HCV MONITOR test v2.0, which has proved infection and was used for quantification of the viruses and monitoring of the patients' response to therapy. Liver histology was evaluated in accordance with the level of necroinflammation activity and stage of fibrosis.

Results: Serum activities of ACE in chronic hepatitis C patients is statistically higher than the values in the control group ($p=0.02$). Antiviral therapy in chronic hepatitis C patients statistically decreases serum activities of ACE ($p=0.02$) and indirectly affects fibrogenesis of the liver parenchyma. Correlation between ACE and ALT activity after the therapy was proved (0.3934).

Conclusion: Our findings suggest that the activity of ACE in serum is a good indirect parameter of the liver damage and could be used as an indirect prognostic factor of the level of liver parenchyma damage. Serum activity of ACE can be used as a parameter for non-invasive assessment of intensity of liver damage.

Biography

Azra Husic-Selimovic is an Associated Professor Chair of Internal Medicine, Medical Faculty, University of Sarajevo, Bosnia and Herzegovina and Sub-specialist in Gastroenterology and Hepatology from 2010. She received Doctor of Medical Science with research interest in Hepatology and Viral Hepatitis. She obtained Master of Science in Medicine with scientific area: Hepatology and Alcoholic Liver Disease.

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October 24-25, 2016 Valencia, Spain

Obesity and microbiota among healthy Saudis with various degrees of obesity

Steve Harakeh¹, Suhad Bahijri¹, Ghada Ajabnoor¹, Ahmed Al-Hejin², Michael W Pfaff³, Suha Farraj¹, Gehan Hegazy¹, Saad Masaudi², Salah Barnawi¹, Abdalla Ahmed⁴, Sulaiman Alfadul⁵ and Esamlbraheem Azhar¹

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⁵King Abdulaziz City for Science and Technology, Saudi Arabia

Background: Obesity is a modern global epidemic and is a risk factor for diabetes and cardiovascular diseases (CVD). The prevalence of overweight and obesity in Saudi Arabia is on the rise, placing a huge burden on health and economic resources. Recently, gut microbiota has been reported to be involved in the pathogenesis of many metabolic disorders and diseases, including obesity, diabetes, and CVD.

Objective: The objective of this study was to identify obesity-associated gut microbiota dysbiosis and their relationship to body mass index (BMI) among healthy Saudis with different degrees of obesity.

Methodology: A total of 56 healthy individuals with different degrees of obesity were recruited. All those filled out a questionnaire related to their nutritional habits, health conditions and demographics. Their height, body weight, hip and waist circumference were measured (BMI and age). Stool samples were collected and genomic DNA was extracted from those samples. The DNA samples were sequenced via next generation sequencing (MiSeq), sequencing reads were quality trimmed, analyzed and assigned to taxonomic units using 16S Meta genomics app (Illumina Base Space). One way ANOVA was used to find whether there is a significant between BMI in relation to microbial species

Results: The results indicated the presence of various bacteriological species. *Porphyromonas circumdentaria*, *Fervidobacterium islandicum* and *Desulforhopalus singaporensis* were found in the underweight group, while *Lysobacter soli*, *Anoxybacillus eryuanensis* and *Anoxybacillus flavithermus* were present in the obese group.

Conclusion/Recommendations: The results indicated that 1538 species were detected. There is some difference among the different species in relation to BMI. Work is in progress to include more human subjects and find the bacteria involved with obesity.

Biography

Steve Harakeh received his BSc and MSc from the American University of Beirut (AUB). He was awarded his PhD degree in Microbiology from the University of Surrey, UK. He spent two years as a Postdoctoral Research Fellow in the Microbiology and Immunology Department, School of Medicine at Stanford University, USA, and then he was appointed as a Research Associate (Research Assistant Professor) in the same department. He joined the Linus Pauling Institute for Science and Medicine where he worked and published with Professor Pauling who is the only holder of two unshared Noble prizes in the world. After that he was appointed as a Professor of Microbiology at the AUB. Then he worked as a Research Professor at Dr. Rath Research Institute in California, USA. Currently, he is a Professor at the Special Infectious Agents Unit – Biosafety Level 3 (SIAU). He is the Vice Chairman of the KFMRC Quality Control and Biosafety Committee, member of infectious disease research group. He has recently been appointed as a member of “Yousef Abdullatif Jameel Research Chair for Prophetic Medicine” and is already engaged with them in several ongoing research projects. He is the recipient of several awards and research grants and published over seventy papers in peer reviewed journals and contributed to publishing chapters in many international scientific books.

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October 24-25, 2016 Valencia, Spain

The role of Granulocyte-macrophage colony stimulating factor (GM-CSF) in colitis

Maitham Khajah^{*,#}, and Donna-Marie McCafferty^{*}

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University of Calgary, Canada

Background: GM-CSF is a well-established priming agent and exerts proliferative effects for hematopoietic cells. Recent evidence suggests a potent chemotactic property towards neutrophils *in vitro*.

Aim: To examine the role of GM-CSF in neutrophil recruitment to the colon *in vivo* and its effect on modulating colitis severity using the 2, 4, 6-trinitrobenzene sulphonic acid (TNBS) model in mice.

Methods: Colitis was induced by a single intra rectal injection of TNBS (4mg, 20% ethanol) at day 1. Animals were treated with a single i.p injection of neutralizing anti-GM-CSF antibody (100 µg/mouse) on day 1, or multiple injections on day 1,2,3, and 4, and sacrificed on day 5 post-induction of colitis. Control mice were injected with i.p saline (vehicle) plus TNBS. On another experimental setup, colitis was induced in GMCSFR $\beta^{-/-}$ and compared to wild type (WT) mice. Results: enhanced GM-CSF expression (at both gene and protein levels) was observed in colonic tissues at day 3 and 7 post colitis induction. A single injection of GM-CSF antibody did not modulate colitis severity, while multiple injections significantly reduced colonic MPO activity and colitis severity. In the GMCSFR $\beta^{-/-}$ mice, colonic MPO activity was significantly reduced post colitis induction but no improvement in colitis severity was observed compared to WT mice.

Conclusion: Anti-GM-CSF therapy significantly reduced neutrophil recruitment to the colon leading to reduced colitis severity.

Biography

Maitham Khajah has completed his B. Pharm degree from Faculty of Pharmacy, Kuwait University and obtained his Ph.D. degree from the University of Calgary, Canada. He is currently an Assistant Professor in Kuwait University, Faculty of Pharmacy, Department of Pharmacology & Therapeutics since January 2010. His research interest focuses on studying new targets for the treatment of inflammatory bowel disease. He published various abstracts and peer reviewed manuscripts in international journals. He co-supervised many students for the M.sc Molecular Biology Program. Since he joined Kuwait University, he got various grants as PI and Co-I. He was awarded the Best young researcher award by Kuwait University for the year 2013 – 2014.

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October 24-25, 2016 Valencia, Spain

Low-dosed lyophilized plant tissue bearing VLPs of HBV small surface antigen as an oral booster vaccine against hepatitis B

Tomasz Pniewski

Polish Academy of Sciences, Poland

The continued HBV high prevalence coupled with deficiencies in vaccination programs stimulate research on a new type of vaccines. Potential orally administered plant-based vaccine is highly attractive regarding efficacy, cost-effectiveness and availability of mass hepatitis B prevention. Freeze-dried oral formulations facilitate elimination of complex purification steps, size reduction and better stability during storage, as well as ensure controlled administration regime in minimized medical facilities. The aim of presented study was to develop a lyophilization protocol facilitating successful processing of lettuce leaf tissue containing S-HBsAg formed into VLPs (Virus-Like Particles). Several drying profiles and excipients as well as effects of freezing rate and post-process residual moisture were analyzed. The profile of 20 °C for 20 hours for primary and 22 °C for 2 hours for secondary drying as well as sucrose proved the most efficient stabilization of S-HBsAg during freeze-drying. The process was highly reproducible (86-97%) and provided a product with VLP content up to 200 µg per g DW. Atmosphere of nitrogen proved to preserve S-HBsAg VLPs for minimum one year at temperatures up to 37 °C. Animal trials confirmed immunogenicity of processed tissue powder with S-HBsAg, used as an oral booster vaccine. Low-dosed (5-200 ng) preparation elicited anti-HBs response at level of commercial injection vaccine (around 1000 mIU/ml), together with growth population of specific B and T lymphocytes and only slightly increased population of Tregs. As a result, a plant-derived semi-product with good long-term stability and immunogenicity of S-HBsAg was obtained for the definite formulation of oral booster vaccine against HBV.

Biography

Tomasz Pniewski has completed his PhD from the Institute of Bioorganic Chemistry PAS and Postdoctoral studies from Thomas Jefferson University, USA. He has worked in the Institute of Plant Genetics PAS since 2003. He is the Head of Biotechnology Department and for two years also worked in the Wielkopolska Centre of Advanced Technologies as an Expert for organization and equipment. He has published more than 25 papers in reputed journals and has gained 6 patents on plant-derived vaccines.

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Unanticipated mystery unravelled

Anjana Vasudevan

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Embryologically the ventral bud develops into primitive foregut and tracheobronchial tree. Any malformation in this would cause a cystic lesion along the tracheobronchial tree or the foregut. The incidence of this occurring is about 1 case per 68,000 populations. Here, we present a case of sublingual swelling in a 22 year young female, with no other complaints. Her history was impeccable. All routine investigations were normal. MRI head and neck suggested a ranula. She was planned and taken up for surgery. The excised specimen was sent to histopathological examination which revealed the swelling to be a bronchogenic cyst. Bronchogenic cysts are an embryological anomaly and are found anywhere along the foregut. They can present in both adults and children. 7 to 1 % of all foregut cysts are bronchogenic cysts says literature. These cysts are generally asymptomatic but have a 10% chance of turning malignant.

Biography

Anjana Vasudevan has completed her MBBS at Chettinad University in the year 2014. She worked at Apollo Speciality Hospital, Perungudi, Chennai, India for almost a year and currently pursuing her Post-graduation at Sri Ramachandra University in the Department of General Surgery. She was accepted by the ICMR to do MS, PhD integrated course. She has published one article, participated and presented in several national and international conferences.

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October 24-25, 2016 Valencia, Spain

Interleukin-1 receptor antagonist knockout mice as a model of the inflammatory bowel disease

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The inflammatory cytokine Interleukin 1 (IL-1) is an important mediator of inflammation and tissue damage in inflammatory bowel disease (IBD). The activity of IL-1 is inhibited by a natural inhibitor: interleukin 1 receptor antagonist (IL-1Ra). The balance between IL-1 and IL-1Ra plays a vital role in diseases. We investigated whether inflammatory bowel disease could be induced spontaneously by the removal of IL-1Ra in mice. Histological staining was performed on BALB/C mice to characterize the morphology and enzyme activity of the small intestine from different ages and genotypes. Wild type mice served as a negative control. 20 well oriented villi/crypt units and villus width at midvillus in longitudinal tissue sections were measured in the jejunum and ileum. The number of goblet cells per villi was determined. Immuno histochemical staining was performed to localise and detect MUC2, MUC5AC, MMP2, MMP9, ADAMTS1, IL-1 β and TNF α . The results showed that there was a significant decrease in the villi/crypts units' height in the jejunum and ileum whereas the width of the villi was increased in the jejunum and decreased in the ileum. The number of goblet cells per villi was increased in knockout mice compared with wild type mice. Research is ongoing for the analysis of the immunohistochemistry. We conclude that IL-1Ra knockout mice could act as a model for inflammatory bowel disease highlighting the importance of IL-1 in this disorder.

Biography

Rasha Hatem Saeed Dosh has completed her MSc from Al-Mustansiriyah University and worked as a Lecturer at University of Kufa College of Medicine/Iraq. She has published 4 papers in college of medicine journals. She is currently a second year PhD student at Sheffield Hallam University/UK.

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October 24-25, 2016 Valencia, Spain

Comparison of safety according to the timing of flumazenil administration in sedative endoscopy with midazolam: A single center, prospective, randomized and double-blinded study

Hong Soon Jung

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Flumazenil is a benzodiazepine antagonist that blocks the central effects of benzodiazepines. Previous studies suggest that routine use of flumazenil after midazolam sedation for endoscopy shorten the recovery time, but there is no data on timing of flumazenil administration. In this study we assessed the timing of flumazenil in outpatients receiving intravenous sedation with midazolam. From 2012 August to 2015 July, 74 participants undergoing sedative diagnostic endoscopy with midazolam were prospectively included. They were randomized in a double-blind to receive either flumazenil immediately (immediately group) or 30 minutes later after the procedure (delayed group). Four hours after the sedative endoscopy each patient was interviewed by telephone to assess the primary end point, sleepiness and dizziness. 74 participants were analyzed, 37 with immediate administration of flumazenil and 37 with delayed administration. There were no significant differences between the two groups in age, sex, blood pressure, pulse rate, the average dose of midazolam, procedure duration, recovery time, previous history of endoscopy and satisfaction score from the patients. Also, there was no significant difference in sleepiness and dizziness between immediately group and delayed group. Sleepiness (immediately injected group=56.8%, delayed injected group=45.9%) and dizziness (immediately injected group=24.3% and delayed injected group=40.5%) was observed in almost half of the participants, in particular within two hours. In this prospective, randomized, double-blinded clinical trial showed that there is no significant difference in safety between two groups. Patient who received flumazenil should be monitored for 2 hours after its administration because of the potential for re-sedation.

Biography

Hong Soon Jung has completed his MD from Catholic University of Korea and Post-doctoral studies from Catholic University Korea, College of Medicine. He is now working in the Division of Gastroenterology of Seoul St. Mary's Hospital and Fellowship training.

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Multidisciplinary approach to the treatment of chronic pancreatitis in children – Institutional experience

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Chronic Pancreatitis is a chronic inflammatory disease characterized by fibrosis and destruction of exocrine pancreatic tissue. It is prevalent in many parts of the world with varying epidemiological profiles in different areas. There is a relatively high prevalence of such disorders in southern India. In most series, the etiologies are trauma, biliary tract distension are unknown. In majority of CP in children, medical therapy alone suffices and surgical intervention is reserved for complications. This study was conducted to establish the clinical profile of pancreatic disorders in pediatric patients ranging in age from 1 to 19 years in a tertiary care hospital in southern India. The records of the patients up to 19 years of age diagnosed to have pancreatitis at our institution for the last 12 years were reviewed with a proforma to record the following parameters: Age, gender, presenting complaints, examination findings, investigations, management with medical treatment, surgical intervention or both and complications. There were 50 patients ranging from age group 3 to 19 years, out of which 30 were males and 20 were females. 41 patients were between the ages of 11-19 years, 5 were between the age of 6-10 years, and 4 were between the ages of 1-5 years. 28 patients presented with acute on chronic pancreatitis and 22 patients had calcific chronic pancreatitis. The etiology of CP in 42 patients was idiopathic, in 4 was biliary tract disease, 2 were alcoholic, and 2 were congenital (pancreatic divisum). Complications like pseudo cyst was seen in 19 patients, ascites in 4, diabetes in 3, pleural effusion in 3, splenic thrombosis in one, acute necrotizing pancreatitis in one, retroperitoneal abscess in one and acute renal failure in one patient. Apart from medical line of management, 12 patients underwent stenting of pancreatic duct and 10 underwent surgical treatment for complications. Among the complications, acute relapses of chronic pancreatitis were the most common. 38% of the patients had pseudocysts, 44% had calcific pancreatitis, 6% developed diabetes, 8% had ascites, 6% had pleural effusion and there were 3 deaths due to sepsis.

Biography

Vijay Kumar is a Professor and Head of Dept. of Pediatric Surgery in Kasturba Medical College, Manipal University . He had 41 scientific articles in various international and national journals. He presented 12 scientific papers at various international conferences held at Bangkok, Malaysia, Sri Lanka, Nepal, Dubai, UK, USA, etc. He presented more than 60 scientific papers at various national conferences, workshops held in different parts of India. He gave more than 30 scientific deliberations at various national, international conferences, workshops, scientific congresses, medical associations and chapters. He attended 15 pediatric surgery and pediatric urology workshops at national and international level as a resource person. He is an active member and office bearer in many social organizations. He organized and participated in many free medical camps in the community. He gave many talks on health awareness in the Radio and TV shows.

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Serum levels of ADAM 12 and ADAM 17 in patient with colorectal cancer depending on the staging and grading

Paweł Kozieł, Katarzyna Walkiewicz, Joanna Strzelczyk, Sylwia Dzięgielewska-Gęsiak, Dariusz Waniczek, Angelika Copija, Małgorzata Muc-Wiergoń and Ewa Nowakowska Zajdel
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ADAM proteins belong to the family of matrix metalloproteinase. In humans identified ca. 20 members of this group. The main role of these proteins are involved in the processes of migration, adhesion and cell proliferation, hence their importance in the process of carcinogenesis. In the present study, we examined the relationship between serum levels of ADAM 12 ADAM 17 in patients with colorectal cancer depending on the staging and grading. The study included 70 patients (41 men, 39 women), age: 32-88 years (mean age 69.01). Protein concentrations in serum were determined by ELISA and the results are compiled in the Statistica 12. ADAM 12 protein concentrations ranged 0, 6-26, 72 ng/ml (mean: 5.00 ng/ml). Protein concentrations of ADAM 17: 0, 44-9, 83 ng/ml (mean: 2.09 ng / ml). In the study group, 31 patients were classified as early stage of the disease (TNM I-IIc). In the study group dominated second degree of histological malignancy (G2 - 48 patients) and the most common type of cancer was *Adeno carcinoma*. Based on the analysis, there was no significant relationship between the degree of clinical stage and histological grade of colorectal cancer and serum concentrations of ADAM 12 and 17. Moreover positive relationship between serum concentration of ADAM 12 and ADAM 17 was found. In our view, research on the role of ADAM proteins in colorectal cancer need to be continued, and presented results can be a starting point for further projects.

Biography

Paweł Kozieł has graduated from Silesian Medical University in 2011 and he works in Department of Internal Medicine in Bytom as Junior Assistant. Currently, he is also a PhD student in the Medical Doctor program at Silesian Medical University in Katowice. His works were recently published in 4 international journals and 2 local journals, in the areas of gastroenterology, oncology and endoscopic techniques in particular.

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The profile of melatonin receptors gene expressions and genes associated with their activity in colorectal cancer patients

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The antiproliferative and immunomodulatory effects of melatonin (MLT) have been demonstrated in a variety of neoplasms including colorectal cancer (CRC). In humans and other mammals, MLT acts on target tissues through membrane and retinoid nuclear receptors. The aim of the study was to evaluate transcription activity of melatonin receptors and genes associated with regulation of their activity in colorectal adenocarcinoma tissues in relation to clinical stage of cancer. A total of 24 pairs of surgically removed tumoral and healthy (marginal) tissues samples from colorectal cancer patients at clinical stages I-II and III-IV were collected. As the additional control, twenty normal samples were taken from people whose large intestine tissues were reported as non-tumoral after colonoscopy. Expression of mRNA genes was studied by microarray HG-U133A analysis. The analysis of genes expression profile was performed using commercially available oligonucleotide microarrays of HG-U133A (Affymetrix, Santa Clara, CA). We found a high increase of MT1 mRNA expression levels in all cancerous samples vs. non-cancerous tissues. The MT2 mRNA expression levels increased slightly in marginal and malignant samples. The melatonin receptors gene expression was dependent on tumour grade. Among the genes participating in the cascade of signal transfer in cell activated by MLT via MLT1 and MLT2, the following ones: GNA11, OXTR, and TPH1 encoding genes respectively as differentiating stage III and IV of CRC. Monitoring the expression levels of genes that are related to melatonin receptors may offer a strategy to anticipate tumour development and estimate the molecular changes that occur during carcinogenesis. The mechanism behind this association needs further elucidation.

Biography

P Koziel has graduated from Silesian Medical University in 2011 and works in Department of Internal Medicine in Bytom as Junior Assistant. Currently, he is also a PhD student in the Medical Doctor program at Silesian Medical University in Katowice. His works were recently published in 4 international journals and 2 local journals, in the areas of gastroenterology, oncology and endoscopic techniques in particular.

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Pentasa enema in acute pancreatitis patients: A case report

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The amino salicylates have a direct local anti-inflammatory effect on the mucous membrane of the small intestine and colon. They have been used for many years in the treatment of inflammatory bowel disease (IBD), these are, generally, well tolerated, however, like all drugs; they may, in rare cases, cause side effects. We report a patient with a distal ulcerative colitis who presented with acute pancreatitis under Pentasa® enema.

Observation: This is a patient of 24 years old, without medical history, followed for a year due to a distal ulcerative colitis. Initially he was treated by oral corticosteroids (Cortancyl 60 mg); the steroid dose was tapered to 20 mg with recurrence of clinical manifestations (diarrhea 08 stools/day+rectal urgency), rectosigmoidoscopy indicates exacerbation of his illness. The decision was to put the patient on a dose of 60 mg Cortancyl associated with a local treatment with Pentasa enema to reduce the rectal syndrome. The patient presented 03 days after a violent epigastric pain radiating to the back associated with bilious vomiting, with laboratory showed a lipase 7x normal. The diagnosis of acute pancreatitis was retained with an abdominal CT scan after 48 hours that showed a normal sized homogeneous pancreas, (stage A of Balthazar), normal pancreas, acalculous gallbladder, and no intra or extra hepatic bile duct dilatation. The calcium and triglyceride were normal, IgG4 was also normal. The patient was strictly fasted for 48 hours and the Pentasa® enema suspended.

Evolution: The evolution was marked by the disappearance of pain and vomiting with normalization of lipase and enteral nutrition was retained without any difficulties. The diagnosis is pancreatitis in 5-ASA.

Conclusion: The acute pancreatitis secondary to amino salicylates is a very rare complication. In our case, taking the Pentasa® enema for 03 days was sufficient to cause acute inflammation of the pancreas.

Biography

Khalid Abdelwali completed his MBChB in 2005 from Faculty of Medicine, Assuit University and then worked in Assuit University Hospital for 1 year. After that, he started working in Manshyet Elbakry Hospital in Cairo, Egypt in the Department of Gastroenterology and Liver Diseases, and then a part time Physiology Lecturer in Misr International University. He finished his Diploma in Internal Medicine in 2014 at Ain Shams University, Egypt. He then moved to the Department of Gastroenterology and Liver Diseases in Sheikh Zayed Al Nahyan General and Specialized Hospital, Cairo. He is a resident in the Department of Gastroenterology and Liver Diseases, Ibn Sina University Hospital, Rabat, Morocco.

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Hepatitis B Virus envelope variability of genotype A strains correlated with HBsAg persistence in patients with acute or chronic hepatitis B and in HBV/HIV co-infected patients.

ESCHLIMANN Marine

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Around 240 million people are chronically infected by Hepatitis B virus (HBV) worldwide. The clearance of HBV surface Antigen (HBsAg) correlated with a good clinical prognosis is rarely achieved, even on anti-HBV treatments. HBV envelope proteins play a crucial role in virus cellular entry and in immune recognition. Our hypothesis is that the variability of HBV envelope proteins could influence HBsAg clearance or persistence, as suggested in our previous study on HBV genotype D (Velay et al., JVH, 2016). This study was extended to HBV genotype A infected patients with different clinical profiles: acute (n=4) or chronic hepatitis B (n=6) and HBV/HIV coinfection under treatment (n=6). In each group, patients with HBsAg clearance (Resolvers-R) were compared to Non-Resolvers (NR). For this purpose, HBV S and preS sequences were studied by bulk genotyping and ultra-deep sequencing (UDS). Amino acid sequences were analyzed with bioinformatics for predicted antigenicity. More frequent major mutations were observed in S gene than in preS region (p=0.02 in acute HBV infection). Among mutations found exclusively in NR, nine were observed several times (W4stop, T173K/A in preS; R79H, T118A, F134Y, Y161F, E164D, V209L in S). The mutation sY161F, found in four NR, led to a decrease in predicted antigenicity (22.6%). In the pol gene overlapping the S gene, the number of mutations tended to be higher in treated than in untreated patients (7.7 vs 3 mutations/patient). These results argue in favor of an influence of HBV envelope variability on the evolution of Hepatitis B in various clinical contexts.

Biography

Marine ESCHLIMANN is a PhD student, currently the second year of her thesis. After a license in Cell Biology and Animal Physiology at the Faculty of Sciences, Reims, France, she focused on Microbiology in the Master BioMANE at the Faculty of Sciences, Nancy, France. After a study on bacterial biofilms, she was involved in a research program in Virology, in the University of Medicine, Nancy, France, with Pr E. Schvoerer *et al.* Thus she contributed to several investigations on the variability of HBV envelope proteins with the support of a ministerial scholarship.

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Tobacco expression of novel envelope proteins-derived HBV antigens for cost-effective vaccine development

Mihaela-Olivia Dobrica¹, Lisa Paruch², Catalin Lazar¹, Hege Steen², Sissel Hauglien², Catalin Tucureanu³, Iuliana Caras³, Crina Stavaru³, Norica Nichita¹ and Jihong Liu Clarke²

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Hepatitis B virus (HBV) infection represents a serious public health problem especially in developing countries. Despite the availability of a safe and efficient commercial vaccine, its use in mass immunization programs is hampered because of the high costs. Moreover, 10% of the vaccinated population develops a low immune response. In this context, we aim to design new HBV antigens in order to develop a more immunogenic vaccine in plants, as a low-cost alternative. Our strategy is focused on the antigenic properties of the large (L) envelope protein and on the ability of the small (S) surface antigen (HBsAg) to self-assemble into subviral particles (SVPs). HBsAg was used as a carrier for the 21-47 L-derived peptide by insertion in the antigenic loop (AGL) of HBsAg and by replacing a fragment from the AGL. The chimeric proteins along with the wild-type S protein were produced in green plants (*Nicotiana benthamiana*) and in HEK293T cells, as a reference system. Expression of the antigens was investigated in both production systems and properties like protein folding, dimerization and N-glycosylation were analyzed. The immunogenic properties of the newly produced antigens are currently investigated. To conclude, the new antigens represent promising candidates for the development of new vaccines against HBV.

Biography

Mihaela-Olivia Dobrica was graduated in Biochemistry from University of Bucharest, Romania in 2012 and completed her Master's degree in Neurobiology from University of Bucharest, Romania in 2014. She is currently pursuing PhD at the Institute of Biochemistry of the Romanian Academy, Department of Viral Glycoproteins.

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October 24-25, 2016 Valencia, Spain

Crohn's disease and intestinal tuberculosis, two overlapping conditions

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Introduction: Differentiating intestinal tuberculosis from Crohn's disease (CD) is a clinical challenge of therapeutic significance, because tuberculosis is mimicker to CD as regard symptomatology, clinical and radiological examination.

Case Description: Here, we report a case of chronic progressive constipation and abdominal distention due to intestinal tuberculosis that was previously mistreated as Crohn's disease. Surgery with resection anastomosis of the small bowel stricture was performed, followed by 6-month standard treatment for miliary tuberculosis, which was diagnosed on the basis of the presence of acid-fast bacilli in the diseased bowel and positive culture of *M. tuberculosis* from ascites, and stool samples. The patient was examined for 6 months after and well recovered thereafter.

Conclusion: The final diagnosis of intestinal tuberculosis can sometimes be confirmed by operation room biopsies, rescue the patient from abdominal emergency, and provide a chance for cure.

Case report: A 45-year-old man experienced recurrent abdominal pain, constipation and weight loss (12 kg) in 1 year. He was diagnosed as CD on the basis of abdominal CT scan, and colonoscopic findings. CT abdomen showed skip lesions throughout the small bowel. Colonoscopic examination showed the presence of multiple terminal ileac polypoid formations of which multiple biopsies were taken. The pathologic report was chronic inflammatory changes. Treatment of CD, prednisolone and azathioprine were then prescribed with a poor response. He presented to emergency room with diffuse abdominal pain fever and absolute constipation after treatment for CD. CT scan of the abdomen revealed intestinal obstruction due to the old iliac stricture. Emergent laparotomy with segmental small bowel resection was performed. The pathologic report showed granulomatous inflammation with the presence of acid-fast bacilli. Miliary TB was diagnosed with additional positive findings of polymerase chain reaction (PCR) and positive culture for *M. tuberculosis* in sputum, stool, and ascites.

Discussion: ITB accounts for 1–3% of all TB cases. Differentiating between ITB and CD, especially in areas endemic for TB, is quite challenging since both can present as granulomatous inflammation. CD is characterized by a progressive transmural inflammation with skip lesions throughout the GI tract. Although many presentations of ITB and CD are similar, certain clinical and histological features can be helpful in distinguishing between them. The presence of ascites is usually an indication of ITB rather than CD because peritoneal involvement is uncommon in the CD. Endoscopic biopsies should be done if feasible. Combination of endoscopic and histological features could increase the diagnostic rate to around 60%.

Conclusion: The similarity between CD and ITB should be kept in mind whenever possible, especially in areas endemic for TB as mistreatment prolongs the ITB course and even lead to complications. The combination of serial biopsies/ surgical pathology and endoscopic features is mandatory in increasing diagnostic accuracy.

Biography

Khalid Abdelwali completed his MBCh in 2005 from Faculty of Medicine, Assuit University and then worked in Assuit University Hospital for 1 year. After that, he started working in Manshyet Elbakry Hospital in Cairo, Egypt in the Department of Gastroenterology and Liver Diseases, and then a part time Physiology Lecturer in Misr International University. He finished his Diploma in Internal Medicine in 2014 at Ain Shams University, Egypt. He then moved to the Department of Gastroenterology and Liver Diseases in Sheikh Zayed Al Nahyan General and Specialized Hospital, Cairo. He is a resident in the Department of Gastroenterology and Liver Diseases, Ibn Sina University Hospital, Rabat, Morocco.

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9TH EURO GLOBAL GASTROENTEROLOGY CONFERENCE AND HEPATITIS VACCINES

October 24-25, 2016 Valencia, Spain

Bacterial epidemiology and antimicrobial resistance in ascitic fluid in cirrhotic patients between 1988 and 2016 at the University Hospital of Brest (France)

Rackel FOTSO, Francis COUTURAUD, Florence TANNE, Michel ROBASKIEWICZ, Jean Baptiste, NOUSBAUM, Bertrand Geier*
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Background and aims: Spontaneous bacterial peritonitis (SBP) is the most typical infection and a common complication in cirrhotic patients with ascites. SBP has a poor prognosis with a one-year survival rate from 30 to 50% after the first episode, and an in hospital mortality below 30%. Recent studies showed the emergence of resistant bacteria leading the failure of first line antibiotic therapy. The aims of the present study were: a) to describe bacterial epidemiology and antimicrobial resistance in ascitic fluid in cirrhotic patients over time between 1988 and 2016, b) to evaluate their impact on 30-day mortality.

Methods: We conducted a retrospective study including 152 cirrhotic patients with SBP diagnosed on cytological criteria, between 1988 and 2016 in our center. Multivariate logistic regression was used to study predictors of 30-day mortality on overall population and from 1988 to 1999 vs 2000 to 2016.

Results: The mean age of patients was 60.1 years and 81% of patients were male. 80.1% of patients were C of Child-Pugh classification. The distribution of the isolates was the following: 44.4% Gram-negative with predominance of *Escherichia Coli* (n=51) 22.5% Gram-positive bacteria with predominance of *Streptococcus* (n=24), with no significant differences between the two periods. Regarding bacterial resistance, there were 0.7% (n=1) multi resistant bacteria (ESL producing *E coli*), 17.9% of quinolones resistant bacteria, 4.6% of third generation cephalosporines resistant bacteria, and 11.8% of amoxicillin-clavulanate-resistant bacteria, with no significant differences between the two periods. Eight percent of patients received prophylaxis, primarily norfloxacin. Acute kidney injury was the major predictor of 30-day mortality in overall population and considering each period. We also found that low blood pressure at admission, gastrointestinal bleeding, prothrombin time and Child-Pugh C score were independent risks factors of short term mortality. There was no impact of epidemiological changings or resistance on 30-day mortality.

Conclusion: Our study show relative epidemiological changes in bacteria isolated SBP in our center over a 28-year period, however a relatively low proportion of multi resistant bacteria as compared with results from other centers in France and in Europe. Our results confirm the prognostic role of acute kidney injury during SBP episodes and the beneficial effect of albumin infusion. We failed to show an impact of epidemiological changings or resistances on mortality but preventing measures should be applied as suggested in recent studies with higher resistances rate.

Biography:

Bertrand is a Member of the French National Society of Gastroenterology, Member of the French Society of Digestive Endoscopy, and Former Member of the American Gastroenterological Association. He is well experienced as a Doctor in Hepato-gastroenterology Center Brest 1989 - Present (27 years). He is a Former intern in Hospitals, Former head of clinic Universities, Practitioner Consultant in CHU Brest, Gastroenterology, Digestive interventional endoscopy, Hepatology, Endoscopy Bilio-pancreatic Digestive cancer, Nutrition, Medical and surgical proctology, Training.

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Activation of Macrophage and Its Impact on structural defects of rat Liver in experimental Diabetes

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Statement of the Problem: The Morphofunctional state of the liver in diabetes mellitus should be assessed since all metabolic processes occur in liver; hepatocytes have the insulin-dependent mechanism of glucose metabolism and 40-60% of insulin is inactivated in liver. The structure of damaged liver tissue and mechanisms of hyperglycemia which cause the damage were described in many investigations. The assessment of various methods of damaged liver correction was performed. It is known that hepatic macrophages play key role in tissue injury and repair. However, its effects on regenerative processes in diabetic liver are not investigated enough. We previously set that the macrophage modulator 3-aminophthalhydrazid (3-APH) activated anti-inflammatory and antioxidant functions in monocyte-macrophage cells.

The purpose of this study: is to evaluate the impact of macrophages activated by 3-APH on structural defects in diabetic rat liver.

Methodology: A damaged liver tissue and hepatocyte reparation were studied in alloxan diabetic rats after modulation of macrophage activity by 3-APH during 30 and 60 days.

Finding: The morphological study of diabetic liver tissue revealed degenerative changes in hepatocytes, inflammatory processes in the portal and intralobular stroma, microangiopathy and blood circulation disorders. Structural disorders of liver parenchyma increased at a prolongation of AD up to 60 days. It was found that the administration of 3-APH contributed to reduction of damage and restoration of normal liver histological structure due to activation of reparative processes.

Conclusion: Thus, macrophage activation in diabetic liver causes increase in hepatocyte activity and compensation of structural damage in liver tissue. 3-APH is likely to be a promising drug for correction of liver tissue in diabetes due to its hepato protective effect.

The study is supported by the grant from the Russian Science Foundation, the project № 16-15-00039.

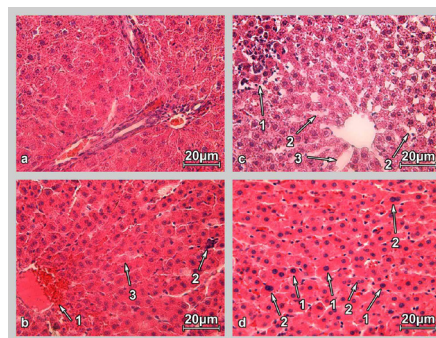


Figure 1: a - histological structure of intact rat liver tissue. b -diabetic liver tissue (30 days): 1- plethora in central venules, 2- lymphocytic infiltration of sinusoidal capillary, 3 - degeneration of hepatocytes. c - diabetic liver tissue (60 days): 1 - intralobular necrosis of hepatocytes, 2 - edema, vasodilatation, 3 - desquamation of endothelial of sinusoidal capillaries. d -diabetic liver tissue (60 days) treated by 3-APH: 1 - polypliod hepatocytes, 2 - dual-nucleus hepatocytes. Staining by hematoxylin-eosin. X400

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Recent Publications

- Lucchesi A.N. et al. (2013) Diabetes mellitus triggers oxidative stress in the liver of alloxan-treated rats: a mechanism for diabetic chronic liver disease. *Acta Cirurgica Brasileira* 28.7: 502-508.
- Lucchesi A. N., Cassettari L. L., Spadella, C. T. (2015). Alloxan-induced diabetes causes morphological and ultrastructural changes in rat liver that resemble the natural history of chronic fatty liver disease in humans. *Journal of diabetes research*, 2015.
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Biography

Irina Danilova, professor, director of the Fundamental Medicine department of the Ural Federal University (UFU), Yekaterinburg, Russia. She is an author of more than 220 scientific publications, "Macrophages Non-immunological Functions" monograph and 5 patents including an EU, USA patent. Irina Gette is a scientific associate of UFU, PhD. She has published 97 papers in reputed journals. Musa Abidov a professor, he is a creator of 3-aminophthalhydrazid. The scope of their research interests has impact on investigation of macrophages during reparative processes in tissue under various pathological states.

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9TH EURO GLOBAL GASTROENTEROLOGY CONFERENCE AND HEPATITIS VACCINES

October 24-25, 2016 Valencia, Spain

The gut balance revolution

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The pathophysiology of obesity is still unknown but there is mounting evidence that the gut microbiome, intestinal permeability and systemic inflammation may play an important role in disease pathogenesis and possibly treatment. Alterations in diet have been shown to shift the gut microbiome's effects on metabolism and regulation of body weight. This session will provide a focused overview of the scientific literature regarding the potential role of gut microbiome as a therapeutic target of weight management. The lecture will first review the pathophysiology of obesity from a functional medicine perspective and discuss how a functional medicine evidence-based approach can achieve optimal weight management by 3 steps: 1) Remove; 2) Restore; and 3) Renew. Learning objectives: 1) To discuss the influence of the gut microbiome on energy metabolism; 2) To understand how disruption of the gut microbiome can lead to obesity; and 3) To know how prebiotic and probiotic foods and supplements may influence weight by favorably altering the gut microbiome.

Biography

Gerard E Mullin, MD, is a Board-Certified Internist, Gastroenterologist and Nutritionist. He is an Associate Professor of Medicine and Director of Integrative GI Nutrition Services at the Johns Hopkins Hospital. He is regarded as an authority in Integrative Gastroenterology. He teaches medical professionals at international conferences on the role of nutrition and lifestyle and the gut microbiome in digestive health and weight control. He is the author of several professional desk references and trade books including his latest: *"The Gut Balance Revolution: Boost Your Metabolism, Restore Your Inner Ecology, and Lose the Weight for Good!"*

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October 24-25, 2016 Valencia, Spain

Higher efficacy of sequential therapy with pegylated interferon-alpha 2b and tenofovir compared to tenofovir monotherapy in HBeAg positive chronic hepatitis B patients

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Introduction: Monotherapy with PEG-interferon (PEG-IFN- α) or nucleotide analogues (NA) are largely ineffective in chronic hepatitis B (CHB) patients. A sequential combination therapy may have better therapeutic effects by sustained viral suppression combined with immunomodulation.

Aim: To Study the high efficacy of sequential therapy with pegylated interferon-alpha 2b and tenofovir compared to tenofovir monotherapy in HBeAg positive chronic hepatitis B patients.

Methods: One hundred twenty six treated naive HBeAg (+) CHB patients with moderately elevated alanine aminotransferase (ALT) (48-200 IU/mL) received tenofovir 300 mg/day for 72 weeks with PEG-IFN-a2b 1.5 mcg/kg per week added after first 12 weeks (lead-in-period) for 24 weeks (sequential combination therapy; ST) or tenofovir monotherapy; 300 mg/day for 72 weeks (TM). Primary end point was rate of HBeAg loss. Biochemical and virological responses were assessed at weeks 12, 36, 48 and 72 weeks. Combined virological response (CVR) [HBeAg loss and HBV DNA<2000 IU/ml at week 72] was also determined.

Results: At week 72, HBeAg loss occurred in 35.8% in ST group and 17% in TM group ($P=0.028$; OR: 2.73, 95% CI: 1.09 to 6.79). Combined virological response (CVR) was seen in 20.8% and 11.3% ($P<0.05$), respectively. No patients on ST group had HBeAg seroreversion at last follow up. At week 72, undetectable HBV DNA was seen in 77.4% (ST group) vs. 71.7% (TM group); ($p=0.51$) and normal ALT was seen in 62.3% and 52.8% ($p=0.32$), respectively. Significantly more patients on ST group had >3Log HBV DNA reduction at week 36 (92.5%) compared to TM group (66%) ($P=0.001$). Four (7.5%) patients on ST achieved HBsAg loss compared with MT (1 patient, 1.8%) by week 72. No patient had treatment related major adverse effect requiring discontinuation of therapy.

Conclusion: 24 weeks of PEG-IFNa2b as add-on sequential regimen to TDF is safe and resulted in more HBeAg and HBsAg loss, when compared to TDF monotherapy in selected HBeAg (+) chronic hepatitis B patients. Long-term follow-up trials are needed to assess for sustained durable response.

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Restaging rectal cancer after neoadjuvant chemo radiotherapy: For a down-staging classification

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Today neoadjuvant chemoradiation for T2 and T3 rectal cancers is widely adopted. Surgery is usually performed after 5-6 weeks from the beginning of the therapy and it is our policy to perform a restaging of the tumor at that moment, in order to obtain its down-staging, to discover possible complications related to the treatment, to confirm or adjust a surgical strategy, to evaluate risks for possible recurrence, and to schedule an adequate follow-up. For this, we have implemented a classification of the tumor down-staging, mainly based on radiological imaging results, contrast-enhanced computed tomography and magnetic resonance, and inspired to the current TNM scheme. Neoplastic regression inside rectal walls and mesorectum have been considered of prominent significance, and, therefore, discriminating in surgery. Besides, these aspects correlate well with the biological attitude of rectal cancer to regress following a centripetal way, starting from the most peripheral and recent zones of infiltration toward the central core of the tumor, where the tissue involvement is more marked. Interestingly, in our experience of 38 cases observed in the years 2012-2015, the down-staging score appears inversely correlated with the histological grading of the tumor, but directly with the Dowrak's tumour regression. Certainly our classification needs to be confirmed by further clinical studies, which will have to consider also the different molecular characteristics of rectal cancer.

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Aurora kinase A is a prognostic marker in colorectal cancer patients

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Background & Aim: Aurora kinase A is a member of the serine/threonine kinase family and plays important roles in mitosis and chromosome stability. This study aimed to evaluate the clinical significance of Aurora kinase A expression in colorectal cancer patients in Korea.

Methods: Aurora kinase A protein expression was evaluated by immunohistochemistry in 151 patients with colorectal adenocarcinoma using tissue microarray blocks. We then analyzed the relationship between clinicopathological characteristics and Aurora kinase A expression. In addition, we assessed the prognostic significance of various clinicopathological data for progression-free survival.

Results: Aurora kinase A expression was detected in 45% (68/151) of the cases. Positive staining for Aurora kinase A was observed more often in male patients ($P=0.035$) and distally located tumors ($P=0.021$) progression-free survival was shorter in patients with Aurora kinase A expression compared to those with low-level Aurora kinase A expression ($P<0.001$). Univariate analysis revealed that Aurora kinase A expression ($P=0.001$), age ($P=0.034$), lymphatic invasion ($P=0.001$), perineural invasion ($P=0.002$), and TNM stage ($P=0.013$) significantly affected progression-free survival. In a multivariate analysis of progression-free survival, a Cox proportional hazard model confirmed that Aurora kinase A expression was an independent and significant prognostic factor in colorectal adenocarcinoma (hazard ratio, 3.944; $P<0.001$).

Conclusions: Thus, Aurora kinase A could serve as an independent factor to predict a poor prognosis in Korean colorectal cancer patients.

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Endoscopic and morphological features of gastroduodenal pathology in adolescents with connective tissue disorders

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The aim of the present study is improving prophylaxis and treatment of chronic gastroduodenal pathology in adolescents on the basis of determining clinical, endoscopic, and morphological peculiarities of said pathology. A total of 155 adolescents 11 to 18 years of age with inflammatory-destructive diseases of the upper gastrointestinal tract and Connective Tissue Disorders (CTD) were studied. The traits of the CTD, including the Marfan syndrom, were determined relying on the Ghent criteria. Morphological peculiarities are represented by high frequency of reflux-gastritis (77%) and a reduction in the level of interstitial collagens type 3 and type 1 in the lamina propria of gastric and duodenal mucosa. The form of mucosal lesions is a chronic non-atrophic (surface) gastritis with simultaneous inflammation in the antral and fundal parts. Duodenal ulcer was detected in 12% only and it was accompanied by detection of *Helicobacter pylori*. The connective tissue matrix of the mucosa is characterized by structural transformation of collagen fibrils (wrong orientation, focal sclerosis, immaturity). It is accompanied by decrease in a mucosa functional ability with development of the valve-sphincter failure. The role of CTD in the development of gastroduodenal pathology in puberty has been established. A genetically dependent insufficiency of interstitial collagens is a major cause of development bile reflux, which is a leading factor of gastroduodenal pathology formation in adolescents with CTD. The work provides grounds for employing in adolescents with CTD rehabilitation measures, connected with a prevention of reflux-gastritis progression and stimulation of the collagen synthesis.

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MicroRNA expression varies depending on the site of inflammation during ulcerative colitis

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Ulcerative colitis (UC) is a type of inflammatory bowel disease, considered as an important disease of gastrointestinal tract having a huge impact on the health of the patient. The current study was performed to dissect out the site specific miRNA expression in the colon biopsy samples of UC patients from Northern India. Biopsy samples were collected from UC patients and healthy controls from Rectosigmoid area (RS) and Ascending Colon (AC). MicroRNA expression was compared between patients with RS and AC using a microarray platform. Differential expression was further validated by Real Time PCR analysis. Upon analysis of data generated on a microarray platform and qRT PCR revealed that the expression of six miRNAs hsa-miR-146b-5p, hsa-miR-335-3p, hsa-miR-342-3p, hsa-miR-644b-3p, hsa-miR-491-3p, hsa-miR-4732-3p were downregulated in patients where RS was involved as compared to AC. The expression of hsa-miR-141-3p was upregulated in patients where RS region was involved as compared to AC. Analysis of the registered UC patient's database from the hospital revealed that the site of CRC was predominantly the rectosigmoid region of the colon in most of the cases. This is the first study to show the differential expression of miRNA involving different sites of colon in UC patients. Taking our data and previous reports into consideration, we propose that differential miRNA expression during UC perhaps contribute in the development of UC associated CRC at the rectosigmoid area.

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Evaluation of gastroprotective effects of aqueous stem bark extract of *Ziziphus jujuba* L., against HCl/ethanol-induced gastric mucosal injury in rats

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Introduction: *Ziziphus jujuba* stem bark is used in Iranian traditional medicine as a treatment of many diseases specially, gastrointestinal disease and wound healing. Based on traditional books, the present investigation evaluated the gastro protective effects of standardized aqueous extracts of *Z. jujuba* stem bark against acidified ethanol-induced gastric ulcers as well as anti-helicobacter pylori activity of the plant extract.

Materials & Methods: Five groups of rats were orally pre-treated with normal saline (0.9%) as ulcer group, 150 mg/kg of ranitidine as positive group, 100 mg, 200 mg and 400 mg of standardized extract solution as the experimental groups, respectively. Two hours later, acidified ethanol solution was given orally in order to induction of gastric ulcer. Antibacterial against clinical strains of *H. pylori* evaluated through disc diffusion method.

Results: Ulcer group exhibited significantly severe mucosal injury as compared with ranitidine or extract which shows significant protection towards gastric mucosal injury the plant promotes ulcer protection as it shows significant reduction of ulcer area, and histology showed marked reduction of edema in mucosal and submucosal layer compared with ulcer group. *Z. jujuba* stem bark extract had no effects against on *H. pylori*.

Conclusion: The present study indicates that *Z. jujuba* stem bark extract have potential antiulcer activity which might be due to its anti-secretory activity and increased resistance to necrotizing agents, providing a direct, protective effect on the gastric mucosa. Our study showed that anti- *H. pylori* activity is not among gastroprotective mechanism of *Z. jujuba*. Further pre-clinical and clinical investigation for evaluating natural active agents and efficacy of this plant is recommended.

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October 24-25, 2016 Valencia, Spain

Endometriotic cyst mimicking a retroperitoneal tumor – A rare scenario

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Ectopic endometrial tissues are rarely observed on the serosal surfaces of bowel and laparotomy incisions, in the lungs, bones and in the urinary tract. A few case reports of endometriosis in the retroperitoneal location has been reported in the English literature. Endometriotic cyst in a retroperitoneal location mimicking a retroperitoneal tumor through the mesentery of sigmoid colon is an extremely rare presentation. A 45 year old woman presented with pain abdomen of 3 months duration. CT abdomen & pelvis revealed a retroperitoneal mass adjacent to left psoas and left ureter. On laparotomy, a cystic mass was found in the retroperitoneum over the left common iliac vessels. The mass was excised in to preserving the left ureter, left iliac vessels and sigmoid colon. The final histopathology revealed an endometriotic cyst. Recto-sigmoid junction is the most common site of extra-genital endometriosis, with less frequent sites being the rectovaginal septum, small intestine, cecum and appendix. Retroperitoneal presentation of endometriotic cyst is a rare presentation and only few cases have been reported. Retroperitoneal endometriotic cyst may mimic a retroperitoneal tumor in view of the location. Retroperitoneal endometriotic cyst in the sigmoid mesentery is an extremely rare presentation. Whenever a CT guided biopsy was not diagnostic in a retroperitoneal lesion, complete excision is the treatment of choice to arrive at a final diagnosis.

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Assessment of the therapeutic effect of allopurinol on patients with non-alcoholic fatty liver disease associated with hyperuricemia by cytokeratin 18

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Background: Non-alcoholic fatty liver disease (NAFLD) is the most common cause of chronic liver injury. Elevated uric acid (UA) is an important factor in the development of NAFLD. Both combined result in apoptosis which is an important mechanism in pathogenesis of NAFLD, where it leads to activation of caspase family of intracellular proteases which then cleave different intracellular proteins including cytokeratin 18 (CK18) which can be used as a key marker in NAFLD.

Objective: The objective of this study is to evaluate the effect of treating hyperuricemia by allopurinol on NAFLD patients by blood markers as CK18, liver enzymes (GOT, GPT), cholesterol (Chol) and triglyceride (TG).

Methods: In this study, 31 hyperuricemic patients with NAFLD diagnosed by ultrasound were enrolled in the study and divided into two groups; Group A (14 patients): Placebo group who received starch based tablets for 3 months and Group B (17 patients): Treatment group who received allopurinol (300 mg) for 3 months. UA, CK 18, GPT, GOT, Chol and TG were measured before and after treatment.

Results: The study showed a significant decline in CK18 levels after treatment (P=0.006), improvement in GPT and GOT levels after treatment (P<0.001 and P=0.013, respectively), also there was an improvement in Chol and TG levels after treatment (P=0.01 and 0.038, respectively).

Conclusion: Allopurinol may play a role in improvement of patients with NAFLD associated with hyperuricemia and CK18 may be used as a good marker in assessing patients' improvement.

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Laparoscopic uncut Roux-en-Y anastomosis in the distant gastrectomy for gastric cancer: A report of 92 patients

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Objective: The aim of this study was to investigate the safety and feasibility of laparoscopic uncut Roux-en-Y anastomosis in the distant gastrectomy for gastric cancer.

Methods: The clinical data of 92 patients performed laparoscopic uncut Roux-en-Y anastomosis in the Department of Gastric Surgery, the First Affiliated Hospital of Nanjing Medical University from June 2014 to June 2016 were analyzed retrospectively.

Results: The operations were performed successfully for all patients. The mean operation duration, anastomosis time, blood loss and the number of lymph nodes dissection during the surgery were (178.67±29.12) min, (30.84±7.41) min, (48.78±35.64) ml and 34.43±9.84 respectively. The time spent before gastrointestinal motility, liquid-diet intake, out-of-bed ambulation and the average hospitalization days after operation were (76.40±21.47) hours, (5.30±1.25) days, (48.14±20.25) hours and (9.19±3.09) days respectively. Postoperatively, 6 patients experienced complications, including gastrointestinal bleeding (2 patients), duodenal stump fistula (1 patient), Chylorrhea (1 patient), Roux-Y stasis syndrome after gastrectomy (2 patients), all of the complications were cured conservatively. None of the other complications occurred, such as anastomotic fistula, anastomotic stenosis, infection of incision, etc.

Conclusion: The laparoscopic uncut Roux-en-Y anastomosis is safe and feasible in the distant gastrectomy with D2 dissection for gastric cancer, with advantages of less trauma, faster recovery and so on.

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Standardization of an isolation protocol of group A rotaviruses among neonatal diarrheic calves, Morocco

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Group A rotaviruses (RVA) are the main cause of neonatal calve diarrhea (NCD) in Morocco. Until now, no reports are available regarding isolation and cultivation of RVA in clinical samples from Moroccan domestic animals or children with acute gastroenteritis (AGE) and burden due to this infection in animals remain unknown. Hence, this study aims to isolate RVA strains from NCD clinical samples in order to support RVA disease control in Morocco. This isolation process constitutes a first step toward vaccine development. Thirteen fecal samples were obtained from calves with a single episode of neonate calf diarrhea at three different dairies and two samples were collected from field during a severe NCD outbreak. Diagnosis of RVA infection was based on fecal immune-chromatographic rapid test and further evaluated for their hemagglutination (HA) activity. RVA isolation was carried out on MA104 cells after inoculates were treated with different concentrations of trypsin TPCK. All RVA isolates were confirmed by LSI VetMAX™ Triplex Ruminant Rotavirus and Coronavirus Real-Time PCR kit. RVA isolation was achieved for nine clinical samples following one or two passages (60%) and was properly depended on HA activity and trypsin treatment of inoculates. The first sign of CPE detected consisted of increased cell granularity, obscure cell boundaries, cell rounding, and eventual degeneration and detachment of cells. These results constitute a crucial and a necessary step allowing preventive and veterinary medicine to support RVA disease controls in the country.

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9TH EURO GLOBAL GASTROENTEROLOGY CONFERENCE AND HEPATITIS VACCINES

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Adiponectin, Leptin, IGF1 and TNF α serum biomarkers for non-invasive diagnosis of colorectal adenoma

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Background and Aim: The potential role of Adiponectin, Leptin, IGF1 and TNF α as biomarkers in colorectal adenoma is not clear. Therefore, we aimed to investigate the blood serum levels of these biomarkers in colorectal adenoma.

Method: The case-control study consisted of serum from 180 African American patients with colon adenoma (cases) and 198 healthy individuals (controls) at Howard University Hospital. We used ELISA for Adiponectin, Leptin, IGF1 and TNF α detection and quantification. Statistical analysis was performed by t-test and multivariate logistic regression.

Results: The respective differences in median Leptin, Adiponectin, IGF1 and TNF α levels between control and case groups (13.9 vs. 16.4), (11.3 vs. 46.0), (4.5 vs. 12.9) and (71.4 vs. 130.8) were statistically significant ($p < 0.05$). In a multivariate model, the odds ratio (ORs) for Adiponectin, TNF α and IGF1 were 2.0 (95% CI=1.6–2.5; $P < 0.001$), 1.5 (95% CI=1.5– 2.0; $P 0.004$) and 1.6 (95% CI=1.3–2.0; $P < 0.001$), respectively. There was a positive correlation between serum Adiponectin and IGF1 concentrations with age ($r=0.17$, $P < 0.001$ and $r=0.13$, $P=0.009$), TNF α , IGF1 and Leptin concentration with Body Mass Index (BMI) ($r=0.44$, $P < 0.001$; $r=0.11$, $P=0.03$ and $r = 0.48$, $P < 0.001$), respectively. Also, there was a negative correlation between Adiponectin and Leptin concentration with BMI ($r=-0.40$, $P < 0.001$ and), respectively.

Conclusion: These data support the hypothesis that Adiponectin, IGF1 and TNF α high level are increasing the risk of colon adenoma and can be applied for colorectal adenomas risk assessment.

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Evaluation of the impact of pre and post-transplant metabolic derangements on the neurological complications following liver transplantation

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Neurologic complications after liver transplantation are a major source of morbidity and mortality and proper prediction for those at risk may help in improving the outcome. The results of our study showed that severity of end stage liver failure prior to transplantation might be the most common risk factor for the development of post-transplant neurological complications and careful evaluation of other risk factors may be required for those patients in order to decrease the incidence of complications. Still the use of tacrolimus is associated with risk of neurological complications and reduction or discontinuation of tacrolimus lead to improvement of neurological complications. According to our study, electrolytes and metabolic derangements are not risk factors for development of neurological complications. Although, the risk of neurological complications in our series is high but there was no impact on the survival.

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International Conference on Clinical Chemistry and Laboratory Medicine Oct 17-19, 2016 Chicago, USA	International Conference on Lipid Science & Technology Oct 3-5, 2016 Orlando, USA	2 nd International Conference on Eye and Vision Sept 26-28, 2016 Orlando, USA
International Conference on Pancreatic Disorders and Treatment Oct 17-19, 2016 Chicago, USA	4 th International Conference on Epidemiology & Public Health Oct 3-5, 2016 London, UK	World Congress on Health & Medical Sociology Sep 19-20, 2016 Las Vegas, USA
2 nd International Conference on Respiratory and Pulmonary Medicine Oct 17-19, 2016 Chicago, USA	3 rd World Breast Cancer Summit and Women's Health Oct 3-5, 2016 London, UK	2 nd World Congress on Breast Cancer Sep 19-21, 2016 Phoenix, USA
6 th International Conference on Agriculture & Horticulture Oct 17-19, 2016 Kuala Lumpur, Malaysia	4 th International Conference on Geriatrics & Gerontology Oct 3-5, 2016 London, UK	International Conference on Pediatric Endocrinology Sep 19-21, 2016 Phoenix, USA
2 nd International Summit on Herbals Oct 17-19, 2016 Kuala Lumpur, Malaysia	International Conference and Exhibition on Surgical Oncology Oct 3-5, 2016 Atlanta, USA	2 nd Annual Congress & Medicare Expo on Primary Healthcare Sep 19-21, 2016 Phoenix, USA
14 th International Conference and Exhibition on Targeting Diabetes and Novel Therapeutic Oct 17-19, 2016 Kuala Lumpur, Malaysia	5 th International Conference and Exhibition on Addiction Research & Therapy Oct 3-5, 2016 Atlanta, USA	4 th World Congress and Expo on Applied Microbiology Sep 19-21, 2016 Las Vegas, USA
11 th Asia-Pacific Oncology and Oncologists Meeting Oct 17-19, 2016 Kuala Lumpur, Malaysia	8 th International Conference on Clinical Gastroenterology & Hepatology October 03-05, 2016 Toronto, Canada	3 rd International Conference on Past and Present Research Systems of Green Chemistry Sep 19-21, 2016 Las Vegas, USA
9 th Euro Nursing & Medicare Summit Oct 17-19, 2016 Rome, Italy	2 nd World Congress on Polycystic Ovarian Syndrome Oct 5-7, 2016 Orlando, USA	International Conference on Oncology Nursing and Cancer Care Sep 19-21, 2016 Las Vegas, USA
7 th International Conference on Pediatric Dermatology Oct 10-11, 2016 Manchester, UK	International Conference on Geophysics October 6-7, 2016 Orlando, USA	5 th International Conference on Radiology and Imaging Sep 19-20, 2016 Las Vegas, USA
9 th World Dermatology & Venereology Congress Oct 10-11 2016 Manchester, UK	International Conference on Geosciences Oct 6-7, 2016 Orlando, USA	2 nd International Conference and Expo on Audiology and Deaf Studies Sep 21-22, 2016 Las Vegas, USA
7 th Obesity & Endocrinology Specialists Congress October 10- 12, 2016 Manchester, UK	Experts Meeting on Forensic Psychology Oct 6-7, 2016 London, UK	
	4 th International Conference on Clinical and Medical Informatics Oct 6-7, 2016 London, UK	

World Congress on Chromatography Sep 21-23, 2016 Amsterdam, Netherlands	European Infectious Diseases Conference Sep 5-6, 2016 Frankfurt, Germany	7th Global Nursing and Healthcare Conference Aug 18-20, 2016 Sao Paulo, Brazil
8th European Neurology Congress Sep 21-23, 2016 Amsterdam, Netherlands	Asia-Pacific Drug Formulation & Bioavailability Congress Sep 5-6, 2016 Beijing, China	5th World Pediatric Congress Aug 18-20, 2016 Sao Paulo, Brazil
2nd International Conference and Exhibition on Pediatric Cardiology Sep 22-24, 2016 Las Vegas, USA	Global Food Security and Sustainability Conference Sep 5-7, 2016 Beijing, China	2nd Global Summit and Expo on Multimedia & Applications Aug 15-16, 2016 London, UK
2nd World Congress and Exhibition on Construction and Steel Structure Sep 22-24, 2016 Las Vegas, USA	5th International Conference and Exhibition on Traditional and Alternative Medicine Sep 5-7, 2016 Beijing, China	Global Summit and Expo on Fluid Dynamics & Aerodynamics Aug 15-16, 2016 London, UK
11th Global Summit on Food & Beverages Sep 22-24, 2016 Las Vegas, USA	International Conference on Alternative Ayurvedic and Herbal Medicine for Diabetes Sep 5-7, 2016 Beijing, China	5th Global Microbiologists Annual Meeting Aug 15-16, 2016 Portland, Oregon, USA
2nd World Congress on Beneficial Microbes: Food, Pharma, Aqua & Beverages Industries Sep 22-24, 2016 Phoenix, USA	International Chemistry on Pharmaceutical Chemistry Sep 5-7, 2016 Frankfurt, Germany	International Conference on Oral, Mouth and Throat Cancer Aug 15-17, 2016 Sao Paulo, Brazil
5th International Conference and Exhibition on Biosensors & Bioelectronics Sep 22-24, 2016 Phoenix, USA	7th World Congress on Bioavailability & Bioequivalence: BA/BE Studies Summit Aug 29-31, 2016 Atlanta, USA	Biotechnology World Convention Aug 15-17, 2016 Sao Paulo, Brazil
5th International Conference on Predictive, Preventive and Personalized Medicine & Molecular Diagnostics Sep 22-24, 2016 Phoenix, USA	2nd Glycobiology World Congress Aug 29-31, 2016 Atlanta, USA	9th World Nephrology Congress Aug 15-17, 2016 Sao Paulo, Brazil
13th International Conference on Dental Health Sep 13-14, 2016 Philadelphia USA	World Congress on Midwifery and Women's Health Aug 29-31, 2016 Atlanta, USA	6th World Nursing and Healthcare Conference Aug 15-17, 2016 London, UK
International Conference on Allergy, Asthma & Clinical Immunology Sep 14-15, 2016 Amsterdam, Netherlands	4th International Conference and Exhibition on Pharmacognosy, Phytochemistry & Natural Products Aug 29-31, 2016 Sao Paulo, Brazil	International Conference on Petroleum Engineering Aug 15-17, 2016 London, UK
7th European Pediatrics and Pediatric Surgery September 14-16, 2016 Amsterdam, Netherlands	2nd International Congress and Expo on Biofuels & Bioenergy Aug 29-31, 2016 Sao Paulo, Brazil	International Conference on Aging Aug 8-9, 2016 Las Vegas, USA
6th International Conference and Exhibition on Traditional & Alternative Medicine Sep 14-15, 2016 Amsterdam, Netherlands	6th International Conference on Bioinformatics & Systems Biology Aug 22-23, 2016 Philadelphia, USA	5th International Conference on Cancer Genomics Aug 8-9, 2016 Las Vegas, USA
International Conference on Histochemistry and Cytochemistry Sep 14-15, 2016 Phoenix, USA	International Conference on Neuroimaging and Interventional Radiology Aug 22-23, 2016 Vienna, Austria	Global Summit and Expo on Biomass Aug 8-9, 2016 Birmingham, UK
2nd International Conference on Autism Sep 14-15, 2016 Phoenix, USA	7th Global Neurologists Annual Meeting on Neurology and Neuro Surgery Aug 22-24, 2016 Vienna, Austria	International Conference on Cardiovascular Nursing Aug 8-10, 2016 Las Vegas, USA
2nd International Conference and Expo on Biopharmaceutics Sep 14-16, 2016 San Antonio, USA	International Conference on Structural Biology Aug 22-23, 2016 New Orleans, USA	11th Global Diabetes Conference & Medicare Expo Aug 8-10, 2016 Birmingham, UK
4th Global Experts Meeting on Neuropharmacology Sep 14-16, 2016 San Antonio, USA	2nd International Conference on Prostate Cancer and Therapeutics Aug 22-23, 2016 Philadelphia, USA	International Conference on Food Microbiology Aug 8-10, 2016 Birmingham, UK
6th International Conference and Exhibition on Diet and Nutrition Sep 14-16, 2016 San Antonio, USA	2nd International Conferences on Clinical Trails Aug 22-24, 2016 Philadelphia, USA	3rd World Congress on Pharmacology Aug 8-10, 2016 Birmingham, UK
International Conference and Expo on Molecular & Cancer Biomarkers Sept 15-16, 2016 Berlin, Germany	2nd International Conference on Therapeutic Drug Monitoring and Toxicogenomics Aug 25-26, 2016 Philadelphia, USA	World Chemistry Conference Aug 8-10, 2016 Toronto, Canada
International Conference on Vitiligo Sept 15-16, 2016 Berlin, Germany	7th International Conference and Exhibition on Pharmacovigilance & Clinical Trials Aug 22-24, 2016 Vienna, Austria	12th International Conference on Dental Medicine Aug 8-10, 2016 Toronto, Canada
12th European Diabetes Congress Sept 15-17, 2016 Berlin, Germany	Global Pharmaceutical Industry Summit Aug 22-24, 2016 Vienna, Austria	World Congress on Obesity Aug 8-10, 2016 Toronto, Canada
International Conference on Mycology Sep 12-13, 2016 San Antonio, USA	7th Global Pharma Summit Aug 22-24, 2016 New Orleans, USA	International Conference on PLASTIC and Aesthetic SURGERY Aug 8-10, 2016 Toronto, Canada
International Conference on Wound care Sep 12-13, 2016 San Antonio, USA	International Conference on Polymer Science and Engineering Aug 22-24, 2016 New Orleans, USA	International Conference on Organic Chemistry Aug 10-11, 2016 Las Vegas, USA
4th International Conference on Anesthesia and Intensive Care Treatment Sep 12-13, 2016 San Antonio, USA	International Conference on Pediatric Infectious Diseases Aug 24-25, 2016 New Orleans, USA	International Conference and Exhibition on Cytopathology & Histopathology Aug 10-12, 2016 Las Vegas, USA
11th International Cardiac Conference Sep 12-13, 2016 Philadelphia, USA	2nd World Congress on Infectious Diseases Aug 24-26, 2016 Philadelphia, USA	International Conference on Food Chemistry and Hydrocolloids Aug 11-12, 2016 Toronto, Canada
Eating Disorders Congress Sep 12-13, 2016 Philadelphia USA	4th International Conference and Exhibition on Physical Medicine & Rehabilitation Aug 24-26, 2016 Philadelphia, USA	International Conference on Hypertension & Treatment Aug 11-12, 2016 Toronto, Canada
2nd International Conference and Exhibition on Tissue preservation and Bio-banking Sep 12-13, 2016 Philadelphia USA	8th Clinical Dermatology Congress Aug 24-26, 2016 Sao Paulo, Brazil	7th Global Gastroenterologists Annual Meeting Aug 11-12, 2016 Birmingham, UK
International Conference on Environmental Toxicology and Ecological Risk Assessment Sep 12-13, 2016 Phoenix, USA	2nd International Conference on Synthetic Biology Aug 18-19, 2016 London, UK	International Conference and Exhibition on Pediatric Oncology Aug 11-13, 2016 Toronto, Canada
2nd International Conference on Influenza Sept 12-13, 2016 Berlin, Germany	5th World Congress on Hemophilia and Blood Disorders Aug 18-19, 2016 London, UK	International Conference on Anatomy & Physiology Aug 11-13, 2016 Birmingham, UK
Annual Conference on Bio Science Sept 12-13, 2016 Berlin, Germany	International Conference on Dialysis and Renal Care Aug 18-19, 2016 London, UK	5th International Summit on GMP, GCP & Quality Control Aug 12-13, 2016 Toronto, Canada
	International Conference on Stereochemistry Aug 18-19, 2016 Sao Paulo, Brazil	International Conference on Nucleic Acids Aug 4-5, 2016 New Orleans, USA
	3rd International Congress on Veterinary Aug 18-20, 2016 London, UK	2nd International Conference and Exhibition on Pain Medicine Aug 4-5, 2016 New Orleans, USA
		14th European Dental Event and Expo Aug 4-5, 2016 Manchester, UK

7 th Annual Conference on Stem Cell and Regenerative Medicine Aug 4-5, 2016 Manchester, UK	5 th European Immunology Conference July 21-23, 2016 Berlin, Germany	International Conference on Spine and Spinal Disorders June 30-July 02, 2016 Valencia, Spain
International Conference and Expo on Cataract & Refractive Surgery Aug 4-5, 2016 Manchester, UK	2 nd international conference on innate immunity July 21-22, 2016 Berlin, Germany	4 th International Conference on Vascular Dementia June 30-July 02, 2016 Valencia, Spain
2 nd World Congress on Biopolymers Aug 4-5, 2016 Manchester, UK	International Conference on Water Microbiology and Novel Technologies July 18-19, 2016 Chicago, USA	Euro Experts Meeting on Medical Case Reports June 30-July 02, 2016 Valencia, Spain
International Conference on Pediatric Nutrition Aug 01-02, 2016 New Orleans, USA	International Conference and Exhibition on Dual Diagnosis July 18-19, 2016 Chicago, USA	International Dairy Meet and Expo June 29-30, 2016 New Orleans, USA
9 th Nano Congress for Next Generation Aug 01-02, 2016 Manchester, UK	8 th Global Ophthalmology Meeting July 18-20, 2016 Chicago, USA	3 rd International Conference on Health Informatics and Technology June 29-30, 2016 New Orleans, USA
International Conference on Cardio Vascular Medicine Aug 01-02, 2016 Manchester, UK	8 th Global Cardiologists and Echocardiography Annual Meeting July 18-20, 2016 Berlin, Germany	2 nd Global Summit on Steroids and Hormones June 27-29, 2016 New Orleans, USA
4 th International Conference and Exhibition on Lung & Respiratory Care Aug 01-02, 2016 Manchester, UK	4 th European Pharma Congress July 18-20, 2016 Berlin, Germany	5 th International Conference on Agriculture & Horticulture June 27-29, 2016 Cape Town, South Africa
World Congress on GIS & Remote Sensing Aug 01-03, 2016 New Orleans, USA	4 th International Conference on Integrative Biology July 18-20, 2016 Berlin, Germany	5 th European Biosimilars Congress June 27-29, 2016 Valencia, Spain
2 nd International Conference on Parasitology Aug 01-03, 2016 Manchester, UK	4 th International Conference on Oceanography and Marine Biology July 18-20, 2016 Brisbane, Australia	International Conference on Physics June 27-29, 2016 New Orleans, USA
2 nd Industrial Biotechnology Congress July 28-29, 2016 Berlin, Germany	3 rd global geologists annual meeting July 11-12, 2016 Brisbane, Australia	International Conference on Industrial Chemistry June 27-28, 2016 New Orleans, USA
2nd Global Optometrist Meeting and Trade fair on Laser Technology July 28-29, 2016 Berlin, Germany	5 th Asia-Pacific Summit & Expo on Healthcare July 18-20, 2016 Brisbane, Australia	International Conference on Periodontics and Prosthodontics June 27-28, 2016 New Orleans, USA
4 th international conference on phoytonics July 28-29, 2016 Berlin, Germany	World Congress on Cardiac Arrhythmias July 14-15, 2016 Brisbane, Australia	African Pharma Congress June 20-22, 2016 Cape Town, South Africa
International Conference on Mucosal Immunology July 28-29, 2016 Melbourne, Australia	International Pharmacy Conference July 14-15, 2016 Philadelphia, USA	7 th World Nano Conference June 20-21, 2016 Cape Town, South Africa
World Congress and Exhibition on Wind Energy July 28-30, 2016 Berlin, Germany	International Conference on Holistic Medicine and Nutrition July 14-15, 2016 Philadelphia, USA	International Conference on Sustainable Civil Engineering June 20-21, 2016 Cape Town, South Africa
International Conference on Cancer Immunology and Immunotherapy July 28-30, 2016 Melbourne, Australia	4 th Global Acupuncture and Therapists Annual Meeting July 14-16, 2016 Philadelphia, USA	World Congress on Community Nursing June 20-21, 2016 Cape Town, South Africa
International Conference on Tumor Immunology and Immunotherapy July 28-30, 2016 Melbourne, Australia	2 nd International Conference on Emergency Mental Health and Human Resilience July 14-15, 2016 Cologne, Germany	European Chemistry Congress June 16-18, 2016 Rome, Italy
International Conference on Design and Production Engineering July 25-26, 2016 Berlin, Germany	International Conference on Nuclear Medicine & Radiation Therapy July 14-15, 2016 Cologne, Germany	5 th European Nutrition and dietetics Conference June 16-18, 2016 Rome, Italy
Global Health Economics Summit July 25-26, 2016 Berlin, Germany	Annual Plant Genomics Conference July 14-15, 2016 Brisbane, Australia	10 th Euro Global Summit and Expo on Vaccines & Vaccination June 16-18, 2016 Rome, Italy
2 nd International Conference and Expo on Ceramics and Composite Materials July 25-26, 2016 Berlin, Germany	International Conference on Melanoma and Carcinoma July 14-15, 2016 Brisbane, Australia	5 th International Conference of Orthopedic Surgeons and Rheumatology June 16-17, 2016 Alicante, Spain
2 nd World Congress and Expo on Recycling July 25-27, 2016 Berlin, Germany	5 th Global Pharmacists Annual Meeting July 14-16, 2016 Brisbane, Australia	6 th European Pathology Congress June 16-17, 2016 Alicante, Spain
11 th Asia-Pacific Dental Congress July 25-27, 2016 Bangkok, Thailand	2 nd International Conference and Exhibition on Antibodies July 11-12, 2016 Philadelphia, USA	International conference on Fibromyalgia and Chronic Pain June 15-16, 2016 Philadelphia, USA
5 th International Conference on Earth Science & Climate Change July 25-27, 2016 Bangkok, Thailand	Annual Conference on Atherosclerosis and Clinical Cardiology July 11-12, 2016 Philadelphia, USA	International Conference on Pediatric Gastroenterology June 15-16, 2016 Philadelphia, USA
10 th International Conference and Exhibition on Nanomedicine and Nanotechnology in Health Care July 25-27, 2016 Bangkok, Thailand	3 rd International Conference on Chronic Obstructive Pulmonary Disease (COPD) July 11-12, 2016 Brisbane, Australia	2 nd World Congress on Automation and Robotics June 13-15, 2016 Philadelphia, USA
10 th Asia Pacific Biotech Congress July 25-27, 2016 Bangkok, Thailand	International Conference on Pediatric Nursing and Healthcare July 11-12, 2016 Cologne, Germany	5 th International Conference on Family Nursing June 13-15, 2016 Philadelphia, USA
International Conference on Marine Drugs & Natural Products July 25-27, 2016 Melbourne, Australia	10 th Global Oncologists Annual Meeting July 11-13, 2016 Cologne, Germany	5 th World Congress on Materials Science & Engineering June 13-15, 2016 Alicante, Spain
7 th World Congress on Molecular Pathology July 25-27, 2016 Melbourne, Australia	9 th Euro Global Summit and Expo on Food & Beverages July 11-13, 2016 Cologne, Germany	Cancer Diagnostics Conference & Expo June 13-15, 2016 Rome, Italy
2 nd International Conference on Current Trends in Mass Spectrometry July 20-22, 2016 Chicago, USA	10 th Asia Pacific Diabetes Conference and Expo July 11-13, 2016 Brisbane, Australia	International Conference on Positive Psychology & Cognitive Behavioral Therapy June 13-14, 2016 Philadelphia, Pennsylvania, USA
International Conferences on Neuro Rehabilitation July 21-22, 2016 Brisbane, Australia	2 nd Global Summit on Aquaculture and Fisheries July 11-13, 2016 Kuala Lumpur, Malaysia	7 th European Dermatology Congress June 13-14, 2016 Alicante, Spain
International Conference and Exhibition on Neuro Oncology July 21-23, 2016 Brisbane, Australia	5 th Asian Obesity Specialist and Endocrinologist Annual Meeting July 11-13, 2016 Kuala Lumpur, Malaysia	International Conference Food & Beverage Packaging June 13-14, 2016 Rome, Italy
2 nd International Conference on Livestock Nutrition July 21-22, 2016 Brisbane, Australia	6 th Asia-Pacific Pharma Congress July 11-13, 2016 Kuala Lumpur, Malaysia	World Bioenergy Congress and Expo June 13-14, 2016 Rome, Italy
World Congress on Petroleum & Refinery July 21-23, 2016 Brisbane, Australia	2 nd International Conference on Retroviruses and Novel Drugs June 30-July 01, 2016 Cape Town, South Africa	2 nd International Conference and Expo on Novel Physiotherapies June 9-11 2016 London, UK
2 nd International Conference and Exhibition on Satellite July 21-23, 2016 Berlin, Germany	9 th World Drug Delivery Summit June 30-July 02, 2016 Valencia, Spain	International Conference on Plant Physiology June 9-10, 2016 Dallas, USA
	Euro Biosensors and Bioelectronics Conference June 30-July 02, 2016 Valencia, Spain	8 th World Medical Nanotechnology Congress & Expo June 8-9, 2016 Dallas, USA

5 th International Conference and Exhibition on Occupational Health & Safety June 6-7, 2016 Dallas, USA	8 th International Conference and Exhibition on Dentistry & Oral Care April 18-20, 2016 The Oberoi, Dubai, UAE	Global Summit and Medicare Expo on Head & Neck Surgery Nov 30-Dec 02, 2015 Atlanta, USA
Global Pediatric Ophthalmology Congress June 6-7, 2016 London, UK	2 nd International Conference on Sports Medicine and Fitness April 18-20, 2016 Dubai, UAE	3 rd International Conference on HIV/AIDS, STDs, & STIs Nov 30-Dec 02, 2015 Atlanta, USA
9 th Global Diabetologists Annual Meeting and Medicare Expo June 6-8, 2016 Dallas, USA	4 th International Conference on Blood Malignancies and Treatment April 18-19, 2016 Dubai, UAE	3 rd World Congress on Petrochemistry and Chemical Engineering Nov 30-Dec 02, 2015 Atlanta, USA
International Conference on Food Safety and Regulatory Affairs June 6-8, 2016 London, UK	International Clinical Case Reports April 18-20, 2016 The Oberoi, Dubai, UAE	International Conference on Lipid Science & Technology Nov 30-Dec 02, 2015 San Francisco, USA
5 th International Conference and Exhibition on Cell & Gene Therapy May 19-21, 2016 San Antonio, USA	International Conference and Exhibition on Materials Chemistry March 31-April 01, 2016 Valencia, Spain	9 th Global Summit and Expo on Vaccines & Vaccination Nov 30-Dec 02, 2015 San Francisco, USA
Experts Meeting on Gynecologic Oncology May 19-21, 2016 San Antonio, USA	7 th Global Dentists and Pediatric Dentistry Annual meeting March 31- April 1, 2016 Valencia, Spain	6 th Indian Dental Congress Nov 23-25, 2015 Bangalore, India
4 th International Congress on Bacteriology and Infectious Diseases May 16-18, 2016 San Antonio, USA	5 th Global Nephrologists Annual Meeting March 31-April 02, 2016 Valencia, Spain	7 th Indo Global Diabetes Summit and Medicare Expo Nov 23-25, 2015 Bangalore, India
5 th International Conference and Exhibition on Metabolomics May 16-18, 2016 Osaka, Japan	International Conference and Exhibition on Advances in HPLC & Chromatography Techniques March 14-15, 2016 London, UK	Oil & Gas Expo Nov 16-18, 2015 Dubai, UAE
International Conference on Coastal Zones May 16-18, 2016 Osaka, Japan	Annual Conference and Expo on Biomaterials March 14-16, 2016 London, UK	World Congress and Exhibition on Construction and Steel Structure Nov 16-18, 2015 Dubai, UAE
6 th Global Ophthalmologists Annual Meeting May 16-18, 2016 Osaka, Japan	5 th World Congress on Neurology and Therapeutics March 14-16, 2016 London, UK	2 nd International Conference Exhibition on Industrial Engineering Nov 16-18, 2015 Dubai, UAE
5 th International Conference and Exhibition on Pathology May 9-11, 2016 Chicago, USA	International Conference on Quantum Physics and Nuclear Engineering March 14-16, 2016 London, UK	Polycystic Ovarian Syndrome Awareness Association Nov 16-18, 2015 Seattle, USA
2 nd International Conference on Hepatology May 9-11, 2016 Chicago, USA	Annual Pediatric Emergency Medicine Conference March 29-31, 2016 Atlanta, Georgia, USA	5 th International Conference on Nanotek and Expo Nov 16-18, 2015 San Antonio, USA
Reinventing the Food and Beverage Industry May 09-10, 2016 New Orleans, USA	4 th International Conference on Pediatrics March 29-31, 2016 Atlanta, Georgia, USA	4 th International Conference & Exhibition on Biometrics & Biostatistics Nov 16-18, 2015 San Antonio, USA
International Conferences on Orthodontics and Dental Implants May 9-10, 2016 New Orleans, USA	6 th International Conference & Expo on Proteomics March 29-31, 2016 Atlanta, Georgia, USA	Global Summit and Expo on Dubai Healthcare Nov 9-11, 2015 Dubai, UAE
Annual Meeting on Pediatric Nephrology May 9-10, 2016 New Orleans, USA	5 th International Conference on Biodiversity March 10-12, 2016 Madrid, Spain	Global Summit on Electronics and Electrical Engineering Nov 3-5, 2015 Valencia, Spain
Experts Meeting on Medical Case Reports May 9-10, 2016 New Orleans, USA	World Congress on Public Health and Nutrition March 10-12, 2016 Madrid, Spain	8 th Euro Global Summit on Cancer Therapy Nov 3-5, 2015 Valencia, Spain
6 th International Conference on Clinical and experimental dermatology May 4-6, 2016 Chicago, USA	6 th Euro Virology Congress and Expo March 10-12, 2016 Madrid, Spain	4 th International Conference and Exhibition on Probiotics and Functional Foods Nov 3-5, 2015 Valencia, Spain
International Conference and Expo on Musculoskeletal Regeneration May 5-6, 2016 Chicago, USA	Annual Congress and Medicare Expo on Trauma & Critical Care March 07-09, 2016 Madrid, Spain	8 th Euro Global Diabetes Summit and Medicare Expo Nov 3-5, 2015 Valencia, Spain
2 nd International Conference and Exhibition on Pharmacology and Ethnopharmacology May 2-4, 2016 Chicago, USA	8 th International Conference and Exhibition on Pharmaceuticals & Novel Drug Delivery Systems March 07-09, 2016 Madrid, Spain	International Conference on Advertising and Marketing Nov 3-4, 2015 Valencia, Spain
2 nd International Conference on Psychiatry and Psychiatric Disorders May 2-4, 2016 Chicago, USA	2 nd International Conference on Smart Materials & Structures February 29-March 02, 2016 Philadelphia, Pennsylvania, USA	World Bio Summit & Expo Nov 2-4, 2015 Dubai, UAE
International Conference and Expo on Industrial Pharmacy April 28-29, 2016 Dubai, UAE	6 th World Congress on Cell & Stem Cell Research February 29-March 02, 2016 Philadelphia, Pennsylvania, USA	Pharma Middle East Nov 2-4, 2015 Dubai, UAE
5 th Global Pharmacovigilance Summit April 28-29, 2016 Dubai, UAE	International Conference on Thyroid Disorders and Treatment February 29-March 01, 2016 Philadelphia, Pennsylvania, USA	6 th Global Diabetes Summit and Medicare Expo Dubai Nov 2-4, 2015 Dubai, UAE
2 nd International Conference on Neurological Disorders and Stroke April 28-30, 2016 The Oberoi Dubai, Dubai, UAE	3 rd International Conference on Clinical Pharmacy December 07-09, 2015 Atlanta, USA	5 th Indo Global Summit on Cancer Therapy Nov 2-4, 2015 Hyderabad, India
International Conference on Pollution Control & Sustainable Environment April 25-26, 2016 Dubai, UAE	5 th World Congress on Virology December 07-09, 2015 Atlanta, USA	3 rd International Conference on Hematology & Blood Disorders Nov 2-4, 2015 Atlanta, USA
Annual Congress & Medicare Expo on Primary Healthcare April 25-27, 2016 Dubai, UAE	4 th International Conference and Exhibition on Obesity and Weight Management December 07-09, 2015 Atlanta, USA	3 rd International Conference on Endocrinology Nov 2-4, 2015 Atlanta, USA
3 rd International Conference and Exhibition on Rhinology & Otolaryngology April 25-27, 2016 - The Oberoi: Dubai, UAE	International conference and exhibition on Cosmetic Dermatology and Hair Care December 07-09, 2015 Philadelphia, USA	4 th International Conference on Medicinal Chemistry & Computer Aided Drug Designing Nov 2-4, 2015 Atlanta, USA
5 th International Conference and Expo on Cosmetology, Trichology & Aesthetic Practices April 25-27, 2016 Dubai, UAE	2 nd International Conference on Big data analysis and Data Mining Nov 30-Dec 02, 2015 Atlanta, USA	Indo Global Summit and Expo on Veterinary October 26-28, 2015 Hyderabad, India
2 nd International Conference and Business Expo on Wireless & Telecommunication April 21-22, 2016 Dubai, UAE	2 nd International Conference on Significant Advances in Biomedical Engineering Nov 30-Dec 02, 2015 Atlanta, USA	4 th International Summit on GMP, GCP & Quality Control October 26-28, 2015 Hyderabad, India
2 nd International Conference on Geology April 21-22, 2016 Dubai, UAE	6 th International Conference on Clinical & Experimental Cardiology Nov 30-Dec 02, 2015 Atlanta, USA	3 rd International Conference and Exhibition on Pharmacognosy, Phytochemistry & Natural Products October 26-28, 2015 Hyderabad, India
6 th Global Experts Meeting on Nanomaterials and Nanotechnology April 21-23, 2016 Dubai, UAE		4 th International Conference and Exhibition on Nutrition October 26-28, 2015 Chicago, USA
		International Conference on Protein Engineering October 26-28, 2015 Chicago, USA

Global Summit on Herbals October 26-27, 2015 Chicago, USA	International Conference on Targeting Diabetes and Novel Therapeutics Sep14-16, 2015 Las Vegas, USA	8 th Euro Biotechnology Congress Aug 18-20, 2015 Frankfurt, Germany
4 th International Conference on Translational Medicine October 26-28, 2015 Baltimore, USA	World congress and Exhibition on Antibiotics Sep14-16, 2015 Las Vegas, USA	Euro Global Summit & Medicare Expo on Surgical Weight loss Aug 18-20, 2015 Frankfurt, Germany
4 th International Conference on Orthopedics & Rheumatology October 26-28, 2015 Baltimore, USA	4 th International Conference on Nephrology & Therapeutics Sep14-16, 2015 Baltimore, USA	World Congress and Expo on Applied Microbiology Aug 18-20, 2015 Frankfurt, Germany
4 th International Conference and Exhibition on Biologics and Biosimilars October 26-28, 2015 Baltimore, USA	3 rd International Conference on Bioprocess and Engineering Sep14-16, 2015 Baltimore, USA	8 th Euro Biotechnology Congress Aug 18-20, 2015 Frankfurt, Germany
Indo Global Summit and Expo on Food & Beverages October 08-10 New Delhi, India	5 th International Conference on Proteomics & Bioinformatics September 01-03, 2015 Valencia, Spain	Euro Global Summit & Medicare Expo on Surgical Weight loss Aug 18-20, 2015 Frankfurt, Germany
Pharmaceutical Summit & Expo October 08-10 New Delhi, India	International Conference and Exhibition on Automobile Engineering September 01-03, 2015 Valencia, Spain	World Congress and Expo on Applied Microbiology Aug 18-20, 2015 Frankfurt, Germany
Indo Global Summit and Expo on Healthcare October 05-07 New Delhi, India	6 th International Conference and Exhibition on Analytical & Bioanalytical Techniques September 01-03, 2015 Valencia, Spain	International Conference and Expo on Audiology and Hearing Devices Aug 17-18, 2015 Birmingham, UK
6 th World Congress on Biotechnology October 05-07 New Delhi, India	3 rd International Conference on Predictive, Preventive and Personalized Medicine & Molecular Diagnostics September 01-03, 2015 Valencia, Spain	International Conference on Food Safety & Regulatory Measures Aug 17-19, 2015 Birmingham, UK
5 th American Dental Congress October 05-07 Philadelphia, USA	Euro Women Healthcare & Fitness Summit September 01-03, 2015 Valencia, Spain	5 th Euro Global summit and Expo on Vaccines & Vaccination Aug 17-19, 2015 Birmingham, UK
4 th International Conference on Clinical Microbiology & Microbial Genomics October 05-07 Philadelphia, USA	3 rd International Conference and Exhibition on Lasers, Optics & Photonics September 01-03, 2015 Valencia, Spain	6 th World Congress on Bioavailability & Bioequivalence: BA/BE Studies Summit Aug 17-19, 2015 Chicago, USA
4 th International Conference on Nursing & Healthcare October 05-07 Philadelphia, USA	3 rd International Conference on Alzheimer's Disease & Dementia Aug 31-Sep 02, 2015 Toronto, Canada	International Conference and Expo on Novel Physiotherapies Aug 17-19, 2015 Chicago, USA
3 rd International Conference and Exhibition on Mechanical & Aerospace Engineering October 05-07 San Francisco, USA	6 th International Conference on Biomarkers & Clinical Research Aug 31-Sep 02, 2015 Toronto, Canada	International Conference and Expo on Ceramics Aug 17-18, 2015 Chicago, USA
4 th International Conference and Exhibition on Surgery October 05-07 Dubai, UAE	International Conference on Cytopathology Aug 31-Sep 02, 2015 Toronto, Canada	International Conference and Expo on Parenterals & Injectables Aug 17-19, 2015 Chicago, USA
7 th Dubai Global Summit Cancer therapy October 05-07 Dubai, UAE	International Conference on Palliative Care Aug 31-Sep 2, 2015 Florida, USA	International Conference and Exhibition on Satellite Aug 17-19, 2015 Houston, USA
4 th International Conference and Exhibition on Immunology Sep28-30, 2015 Houston, USA	American Veterinary Congress Aug 31-Sep 2, 2015 Florida, USA	Global Summit on Telemedicine Technologies Aug 17-19, 2015 Houston, USA
International Conference on Synthetic Biology Sep28-30, 2015 Houston, USA	9 th American Biotechnology Congress Aug 31-Sep 2, 2015 Florida, USA	World Drug Delivery Summit Aug 17-19, 2015 Houston, USA
International Conference on Adolescent Medicine & Child Psychology Sep28-30, 2015 Houston, USA	World Congress on Beneficial Microbes: Food Pharma, Aqua & Beverages Industry Aug 25-27, 2015 Valencia, Spain	International Conference and Expo on Audiology and Hearing Devices Aug 17-18, 2015 Birmingham, UK
5 th World Congress on Cancer Therapy Sep28-30, 2015 Atlanta, USA	International Conference and Exhibition on Pediatric Cardiology Aug 25-27, 2015 Valencia, Spain	International Conference on Food Safety & Regulatory Measures Aug 17-19, 2015 Birmingham, UK
4 th International Conference on Forensic Research & Technology Sep28-30, 2015 Atlanta, USA	International Congress and Expo on Biofuels & Bioenergy Aug 25-27, 2015 Valencia, Spain	5 th Euro Global summit and Expo on Vaccines & Vaccination Aug 17-19, 2015 Birmingham, UK
4 th International Conference and Exhibition on Biosensors & Bioelectronics Sep28-30, 2015 Atlanta, USA	European Pharma Congress Aug 25-27, 2015 Valencia, Spain	International Conference on Parkinsons Disease and Moment Disorder Aug 11-13, 2015 Frankfurt, Germany
5 th Dubai Global Summit and Expo on Vaccines & Vaccination Sep28-30, 2015 Dubai, UAE	International Conference and Exhibition on Gastrointestinal Therapeutics Aug 25-27, 2015 Valencia, Spain	International Conference on Live Stock Nutrition Aug 11-13, 2015 Frankfurt, Germany
International Conference and Expo on Biopharmaceutics Sep21-23, 2015 Baltimore, USA	International Conference on Toxicogenomics and Drug Monitoring Aug 25-27, 2015 Valencia, Spain	Nanotechnology Congress & Expo Aug 11-13, 2015 Frankfurt, Germany
International Conference and Business Expo on Wireless Communication & Network Sep21-23, 2015 Baltimore, USA	4 th Global Summit on Toxicology Aug 24-26, 2015 Philadelphia, USA	International Conference and Expo on Drug Discovery & Designing Aug 11-13, 2015 Frankfurt, Germany
International Conference on Epilepsy & Treatment Sep21-22, 2015 Baltimore, USA	International Conference on Parasitology Aug 24-26, 2015 Philadelphia, USA	Glycobiology World Congress Aug 10-12, 2015 Philadelphia, USA
World Congress and Expo on Medical Devices Sep21-23, 2015 Florida, USA	World Congress on Pregnancy Summit Aug 24-26, 2015 Philadelphia, USA	Global Cloud Computing Conference Aug 10-12, 2015 Philadelphia, USA
International Conference on Green Energy & Expo Sep21-23, 2015 Florida, USA	2 nd International Conference on Geriatrics & Gerontology Aug 24-26, 2015 Toronto, Canada	American Pharma Congress Aug 10-12, 2015 Philadelphia, USA
2 nd International Conference and Expo on Computer Graphics & Animation Sep21-22, 2015 Florida, USA	4 th International Conference and Exhibition on Occupational Health & Safety Aug 24-25, 2015 Toronto, Canada	Global summit and Expo on Multimedia & Applications Aug 10-11, 2015 Birmingham, UK
3 rd International Conference on Genomics & Pharmacogenomics Sep21-23, 2015 San Antonio, USA	3 rd International Conference on Radiology and Imaging Aug 24-26, 2015 Toronto, Canada	Industrial Biotechnology Congress Aug 10-12, 2015 Birmingham, UK
International Conference on Plant Biology Sep21-23, 2015 San Antonio, USA	International Conference and Exhibition on Molecular Medicine and Dignostics Aug 24-26, 2015 London, UK	International Conference and Exhibition on Antibodies Aug 10-12, 2015 Birmingham, UK
2 nd International Conference on Past and Present Research Systems of Green Chemistry Sep14-16, 2015 Florida, USA	International Conference on Influenza Aug 24-26, 2015 London, UK	4 th International Conference and Exhibition on Food Processing and Technology Aug 10-12, 2015 London, UK
4 th International conference and Exhibition on Materials Science and Engineering Sep14-16, 2015 Florida, USA	International Conference on Brain Disorders and Therapeutics Aug 24-26, 2015 London, UK	World Congress on Infectious Diseases Aug 10-12, 2015 London, UK

4 th International Conference and Exhibition on Pharmacovigilance & Clinical Trials Aug 10-12, 2015 London, UK	International Conference and Exhibition on Clinical Trials July 27-29, 2015 Orlando-FL, USA	International Conference and Exhibition on Lung disorders & Therapeutic July 13-15, 2015 Baltimore, USA
4 th International Conference and Exhibition on Cell & Gene Therapy Aug 10-12, 2015 London, UK	International Conference on Transcriptomics July 27-29, 2015 Orlando-FL, USA	International Conference on Eye Disorders and Treatment July 13-15, 2015 Baltimore, USA
International Conference and Expo on Separation Techniques Aug 10-12, 2015 San Francisco, USA	5 th Global Summit and Expo on Vaccines & Vaccination July 27-29, 2015 Brisbane, Australia	Stress Management Summit July 13-15, 2015 Philadelphia, USA
International Conference and Exhibition on Biopolymers and Bioplastics Aug 10-12, 2015 San Francisco, USA	4 th Asia Pacific Congress & Expo on Dental and Oral Health July 27-29, 2015 Brisbane, Australia	World Nutraceutical Conference and Expo July 13-15, 2015 Philadelphia, USA
Annual Summit on Sleep Disorders and Medicine Aug 10-12, 2015 San Francisco, USA	International Conference and Expo on Biomechanics & Implant design July 27-29, 2015 Orlando-FL, USA	International Summit on Current Trends in Mass Spectrometry July 13-15, 2015 New Orleans, USA
International Conference on Parkinsons Disease and Moment Disorder Aug 11-13, 2015 Frankfurt, Germany	2 nd International Conference on Health Informatics and Technology July 27-29, 2015 Valencia, Spain	International Conference and Exhibition on Mesoscopic & Condensed Matter Physics June 22-24, 2015 Boston, USA
International Conference on Live Stock Nutrition Aug 11-13, 2015 Frankfurt, Germany	3 rd International Conference and Exhibition on Neurology & Therapeutics July 27-29, 2015 Rome, Italy	4 th International Conference and Expo on Cosmetology and Trichology June 22-24, 2015 Philadelphia, USA
Nanotechnology Congress & Expo Aug 11-13, 2015 Frankfurt, Germany	3 rd Euro Nursing & Medicare Summit July 27-29, 2015 Valencia, Spain	3 rd International Conference on Oceanography June 22-24, 2015 Philadelphia, USA
International Conference and Expo on Drug Discovery & Designing Aug 11-13, 2015 Frankfurt, Germany	World Congress on Hepatitis July 20-22, 2015 Orlando-FL, USA	International Conference on Geology June 22-23, 2015 Orlando-FL, USA
Glycobiology World Congress Aug 10-12, 2015 Philadelphia, USA	Conference and Trade Fair on Laser Technology July 20-22, 2015 Orlando-FL, USA	International Conference on Prostate Cancer June 22-24, 2015 Orlando-FL, USA
Industrial Biotechnology Congress Aug 10-12, 2015 Birmingham, UK	4 th International Conference on Gastroenterology July 20-22, 2015 Orlando-FL, USA	Euro Global Summit and Expo on Food & Beverages June 16-18, 2015 Alicante, Spain
4 th International Conference and Exhibition on Cell & Gene Therapy Aug 10-12, 2015 London, UK	International Congress on Neuroimmunology & Therapeutics July 20-22, 2015 San Francisco, USA	3 rd Euro Congress and Expo on Dental & Oral Health June 16-18, 2015 Alicante, Spain
4 th International Conference and Exhibition on Food Processing and Technology Aug 10-12, 2015 London, UK	World Congress on Industrial Automation July 20-22, 2015 San Francisco, USA	4 th International Conference on Earth Science & Climate Change June 16-18, 2015 Alicante, Spain
International Conference and Exhibition on Biopolymers and Bioplastics Aug 10-12, 2015 San Francisco, USA	American Women Healthcare & Fitness Summit July 20-22, 2015 San Francisco, USA	4 th International Conference on Biodiversity June 15-17, 2015 Las Vegas, USA
International Conference and Exhibition on Antibodies Aug 10-12, 2015 Birmingham, UK	World Congress and Expo on Recycling July 20-22, 2015 Barcelona, Spain	Annual International Conference on Fostering Human Resilience June 15-17, 2015 Las Vegas, USA
World Congress on Infectious Diseases Aug 10-12, 2015 London, UK	International Conference on Innate Immunity July 20-21, 2015 Barcelona, Spain	International Conference and Expo on Smart Materials & Structures June 15-17, 2015 Las Vegas, USA
Global Summit and Expo on Multimedia & Applications Aug 10-11, 2015 Birmingham, UK	International Conference on Tissue preservation and Bio-banking July 20-22, 2015 Barcelona, Spain	International Conference on Retroviruses & Novel Drugs June 08-10, 2015 Chicago, USA
Annual Summit on Sleep Disorders and Medicine Aug 10-12, 2015 San Francisco, USA	4 th International Conference on Urology July 20-22, 2015 Barcelona, Spain	International Conference and Exhibition on Pain Medicine June 08-10, 2015 Chicago, USA
4 th International Conference and Exhibition on Pharmacovigilance & Clinical Trials Aug 10-12, 2015 London, UK	Euro Global Summit and Medicare Expo on Psychiatry July 20-22, 2015 Barcelona, Spain	International Conference on Flu June 08-10, 2015 Chicago, USA
International Conference and Expo on Separation Techniques Aug 10-12, 2015 San Francisco, USA	International Conference on Aquaculture and Fisheries July 20-22, 2015 Brisbane, Australia	3 rd International Conference on Pediatrics May 18-20, 2015 San Antonio, USA
American Pharma Congress Aug 10-12, 2015 Philadelphia, USA	Global Summit & Medicare Expo on Surgical Weight loss July 20-22, 2015 Brisbane, Australia	3 rd International Conference and Exhibition on Physical Medicine & Rehabilitation May 18-20, 2015 San Antonio, USA
3 rd International Conference on Integrative Biology Aug 4-6, 2015 Valencia, Spain	5 th Asiapacific Summit on Cancer Therapy July 20-22, 2015 Brisbane, Australia	International Conference on Big Data Analysis and Data Mining May 04-06, 2015 Lexington, USA
3 rd International Congress on Bacteriology and Infectious Diseases Aug 4-6, 2015 Valencia, Spain	World Congress on Pharmacology July 20-22, 2015 Brisbane, Australia	International Conference on Significant Advances in Biomedical Engineering April 27-29, 2015 Philadelphia, USA
3 rd International Conference on Epidemiology & Emerging Diseases Aug 4-6, 2015 Valencia, Spain	4 th International Conference on Agriculture & Horticulture July 13-15, 2015 Beijing, China	5 th International Conference on Clinical & Experimental Cardiology April 27-29, 2015 Philadelphia, USA
5 th International Conference on Clinical & Experimental Ophthalmology Aug 4-6, 2015 Valencia, Spain	4 th International Conference and Exhibition on Pathology July 13-15, 2015 New Orleans, USA	4 th International Conference and Exhibition on Metabolomics & Systems Biology April 27-29, 2015 Philadelphia, USA
3 rd International Conference on Integrative Biology Aug 4-6, 2015 Valencia, Spain	5 th International Conference on Clinical & Experimental Dermatology July 13-15, 2015 New Orleans, USA	5 th World Congress on Cell & Stem Cell Research March 23-25, 2015 Chicago, USA
3 rd International Congress on Bacteriology and Infectious Diseases Aug 4-6, 2015 Valencia, Spain	Global Summit on Steroids July 13-15, 2015 Baltimore, USA	International Conference on Sports Medicine and Fitness March 23-25, 2015 Chicago, USA
3 rd International Conference on Epidemiology & Emerging Diseases Aug 4-6, 2015 Valencia, Spain	7 th Asia Pacific Biotech Congress July 13-15, 2015 Beijing, China	International Conference and Exhibition on Dentistry March 18-20, 2015 Crowne Plaza, Dubai, UAE
5 th International Conference on Clinical & Experimental Ophthalmology Aug 4-6, 2015 Valencia, Spain	International Conference on Weight Loss and Fitness Expo July 13-15, 2015 Philadelphia, USA	2 nd International Conference and Exhibition on Rhinology and Otolaryngology March 18-20, 2015 Crowne Plaza, Dubai, UAE
4 th International Conference on Tissue Science and Regenerative Medicine July 27-29, 2015 Rome, Italy		5 th International Conference and Exhibition on Pharmaceuticals & Novel Drug Delivery Systems March 16-18, 2015 Crowne Plaza, Dubai, UAE
		3 rd International Conference on Medicinal Chemistry & Computer Aided Drug Designing December 08-10, 2014 DoubleTree by Hilton Hotel San Francisco Airport, USA

<p>2nd International Summit on Clinical Pharmacy December 02-03, 2014 DoubleTree by Hilton Hotel San Francisco Airport, USA</p>	<p>3rd International Conference and Exhibition on Materials Science & Engineering October 06-08, 2014 Hilton San Antonio Airport, USA</p>	<p>5th International Conference and Exhibition on Analytical & Bioanalytical Techniques August 18-20, 2014 DoubleTree by Hilton Beijing, China</p>
<p>3rd International Conference and Exhibition on Obesity & Weight Management December 01-03, 2014 DoubleTree by Hilton Hotel San Francisco Airport, USA</p>	<p>3rd International Conference on Clinical & Cellular Immunology September 29-October 01, 2014 DoubleTree by Hilton Baltimore-BWI Airport, USA</p>	<p>3rd International Conference and Exhibition on Biosensors & Bioelectronics August 11-13, 2014 Hilton San Antonio Airport, San Antonio, USA</p>
<p>4th International Conference on Nanotek & Expo December 01-03, 2014 DoubleTree by Hilton Hotel San Francisco Airport, USA</p>	<p>5th World Congress on Bioavailability & Bioequivalence: Pharmaceutical R&D Summit September 29-October 01, 2014 DoubleTree by Hilton Baltimore-BWI Airport, USA</p>	<p>2nd International Integrative Biology Summit August 04-06, 2014 Hilton Chicago/Northbrook, Chicago, USA</p>
<p>2nd International Congress on Bacteriology & Infectious Diseases Nov 17-19, 2014 DoubleTree by Hilton Hotel Chicago-North Shore Conference Center, USA</p>	<p>2nd International Conference on Hematology & Blood Disorders September 29-October 01, 2014 DoubleTree by Hilton Baltimore-BWI Airport, USA</p>	<p>3rd International Conference and Exhibition on Addiction Research & Therapy August 04-06, 2014 Hilton Chicago/Northbrook, Chicago, USA</p>
<p>2nd International Conference on Nursing & Healthcare Nov 17-19, 2014 DoubleTree by Hilton Hotel Chicago-North Shore Conference Center, USA</p>	<p>3rd International Summit on GMP, GCP & Quality Control September 25-26, 2014 Valencia Convention Centre, Spain</p>	<p>4th International Conference on Proteomics & Bioinformatics August 04-06, 2014 Hilton Chicago/Northbrook, Chicago, USA</p>
<p>3rd International Conference on Surgery and Anesthesia Nov 17-19, 2014 DoubleTree by Hilton Hotel Chicago-North Shore Conference Center, USA</p>	<p>3rd International Conference on Tissue Science & Regenerative Medicine September 24-26, 2014 Valencia Convention Centre, Spain</p>	<p>3rd International Conference and Exhibition on Orthopedics & Rheumatology July 28-30, 2014 DoubleTree by Hilton Hotel San Francisco Airport, USA</p>
<p>5th World Congress on Diabetes & Metabolism Nov 03-05, 2014 Embassy Suites Las Vegas, USA</p>	<p>4th International Conference on Vaccines & Vaccination September 24-26, 2014 Valencia Convention Centre, Spain</p>	<p>3rd International Conference on Earth Science & Climate Change July 28-30, 2014 DoubleTree by Hilton Hotel San Francisco Airport, USA</p>
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<p>3rd International Conference and Exhibition on Biowaivers, Biologics and Biosimilars October 27-29, 2014 Hyderabad International Convention Centre, India</p>	<p>2nd International Conference on Alzheimer's Disease and Dementia September 23-25, 2014 Valencia Convention Centre, Spain</p>	<p>3rd International Conference and Exhibition on Food Processing & Technology July 21-23, 2014 Hampton Inn Tropicana, Las Vegas, USA</p>
<p>3rd International Conference and Exhibition on Pharmacovigilance & Clinical Trials October 27-29, 2014 Hyderabad International Convention Centre, India</p>	<p>3rd International Conference and Exhibition on Nutrition & Food Sciences September 23-25, 2014 Valencia Convention Centre, Spain</p>	<p>3rd International Conference and Exhibition on Cosmetology & Trichology July 21-23, 2014 Hampton Inn Tropicana, Las Vegas, USA</p>
<p>3rd International Conference on Agriculture & Horticulture October 27-29, 2014 Hyderabad International Convention Centre, India</p>	<p>3rd International Conference on Hydrology & Meteorology September 15-16, 2014 Hyderabad International Convention Centre, India</p>	<p>2nd International Conference and Exhibition on Physical Medicine & Rehabilitation July 14-16, 2014 DoubleTree by Hilton Baltimore-BWI Airport, USA</p>
<p>2nd World Congress on Petrochemistry and Chemical Engineering October 27-29, 2014 Embassy Suites Las Vegas, USA</p>	<p>2nd International Conference on Animal & Dairy Sciences September 15-17, 2014 Hyderabad International Convention Centre, India</p>	<p>4th International Conference on Clinical & Experimental Ophthalmology July 14-16, 2014 DoubleTree by Hilton Baltimore-BWI Airport, USA</p>
<p>2nd International Conference on HIV/AIDS, STDs & STIs October 27-29, 2014 Embassy Suites Las Vegas, USA</p>	<p>4th International Conference on Pharmaceutical Regulatory Affairs September 08-10, 2014 DoubleTree by Hilton Hotel Raleigh-Brownstone-University, USA</p>	<p>International Conference on Computer Graphics and Media Design July 08-10, 2014 DoubleTree by Hilton Hotel Chicago-North Shore Conference Center, USA</p>
<p>3rd International Conference and Exhibition on Cell & Gene Therapy October 27-29, 2014 Embassy Suites Las Vegas, USA</p>	<p>2nd International Conference on Genomics & Pharmacogenomics September 08-10, 2014 DoubleTree by Hilton Hotel Raleigh-Brownstone-University, USA</p>	<p>International Conference on Women's Health, Gynecology and Obstetrics July 08-10, 2014 DoubleTree by Hilton Hotel Chicago-North Shore Conference Center, USA</p>
<p>3rd International Conference and Exhibition on Biometrics & Biostatistics October 20-22, 2014 DoubleTree by Hilton Baltimore-BWI Airport, USA</p>	<p>2nd International Conference and Exhibition on Lasers, Optics and Photonics September 08-10, 2014 Hilton Philadelphia Airport, USA</p>	<p>International Conferences on Gerontology and Geriatrics July 08-10, 2014 DoubleTree by Hilton Hotel Chicago-North Shore Conference Center, USA</p>
<p>International Conference on Broadcasting Media & Film Industry October 20, 2014 DoubleTree by Hilton Baltimore-BWI Airport, USA</p>	<p>2nd International Conference and Exhibition on Mechanical & Aerospace Engineering September 08-10, 2014 Hilton Philadelphia Airport, USA</p>	<p>2nd International Conference on Bioprocess and Engineering June 26-27, 2014 Valencia Conference Centre, Spain</p>
<p>Health Informatics & Technology Conference October 20-22, 2014 DoubleTree by Hilton Baltimore-BWI Airport, USA</p>	<p>3rd International Conference and Exhibition on Neurology & Therapeutics September 08-10, 2014 Hilton Philadelphia Airport, USA</p>	<p>3rd International Conference on Nephrology & Therapeutics June 26-27, 2014 Valencia Conference Centre, Spain</p>
<p>4th World Congress on Cancer Science & Therapy October 20-22, 2014 DoubleTree by Hilton Hotel Chicago-North Shore Conference Center, USA</p>	<p>2nd International Conference and Exhibition on Traditional & Alternative Medicine August 25-26, 2014 DoubleTree by Hilton Beijing, China</p>	<p>5th World Congress on Biotechnology June 25-27, 2014 Valencia Conference Centre, Spain</p>
<p>3rd International Summit on Toxicology & Applied Pharmacology October 20-22, 2014 DoubleTree by Hilton Hotel Chicago-North Shore Conference Center, USA</p>	<p>2nd International Conference and Exhibition on Pharmacognosy, Phytochemistry & Natural Products August 25-27, 2014 DoubleTree by Hilton Beijing, China</p>	<p>3rd International Conference and Exhibition on Occupational Health & Safety June 24-25, 2014 Valencia Conference Centre, Spain</p>
<p>2nd World Congress on Endocrinology October 20-22, 2014 DoubleTree by Hilton Hotel Chicago-North Shore Conference Center, USA</p>	<p>2nd International Conference on The Past and Present Research Systems of Green Chemistry August 25-27, 2014 Hilton Philadelphia Airport, Philadelphia, USA</p>	<p>3rd International Conference on Biodiversity & Sustainable Energy Development June 24-26, 2014 Valencia Conference Centre, Spain</p>
<p>4th World Congress on Virology October 06-08, 2014 Hilton San Antonio Airport, USA</p>	<p>2nd International Conference on Epidemiology & Evolutionary Genetics August 18-19, 2014 DoubleTree by Hilton Beijing, China</p>	<p>4th World Congress on Cell Science & Stem Cell Research June 24-26, 2014 Valencia Conference Centre, Spain</p>
<p>3rd International Conference on Forensic Research & Technology October 06-08, 2014 Hilton San Antonio Airport, USA</p>		<p>2nd International Conference on Dental & Oral Health April 21-23, 2014 Crowne Plaza Dubai, UAE</p>

5th International Conference on **Biomarkers & Clinical Research** April 15-17, 2014 St.Hilda's College - University of Oxford, UK

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4th International Conference on **Clinical & Experimental Cardiology** April 14-16, 2014 Hilton San Antonio Airport, TX, USA

3rd International Conference and Exhibition on **Metabolomics & Systems Biology** March 24-26, 2014 Hilton San Antonio Airport, TX, USA

4th International Conference and Exhibition on **Pharmaceutics & Novel Drug Delivery Systems** March 24-26, 2014 Hilton San Antonio Airport, TX, USA

2nd International Conference on **Agricultural & Horticultural Sciences** February 03-05, 2014 Radisson Blu Plaza Hotel, Hyderabad, India

International Conference on **Traditional & Alternative Medicine** December 09-11, 2013 Radisson Blu Plaza Hotel, Hyderabad, India

2nd International Conference and Exhibition on **Obesity & Weight Management** December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

3rd International Conference on **Nanotek & Expo** December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

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2nd International Conference and Exhibition on **Pharmacovigilance & Clinical Trials** Nov 18-19, 2013 Hilton San Antonio Airport, TX, USA

2nd International Conference and Exhibition on **Cosmetology & Trichology** Nov 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA

International Conference on **Functional and Comparative Genomics & Pharmacogenomics** Nov 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA

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3rd World Congress on **Cancer Science & Therapy** October 21-23, 2013 DoubleTree by Hilton Hotel San Francisco Airport, CA, USA

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2nd International Conference on **Medicinal Chemistry & Computer Aided Drug Designing** October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

2nd International Conference on **Clinical & Cellular Immunology** October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

2nd International Summit on **Toxicology** October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

2nd International Conference on **Forensic Research & Technology** October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

2nd International Conference and Exhibition on **Materials Science & Engineering** October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

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International Conference and Exhibition on **Biochemical & Molecular Engineering** October 07-09, 2013 Hilton San Antonio Airport, TX, USA

International Conference and Exhibition on **Mechanical & Aerospace Engineering** September 30-October 02, 2013 Hilton San Antonio Airport, TX, USA

International Conference on **Psychology, Autism and Alzheimer's Disease** September 30-October 01, 2013 Hilton San Antonio Airport, TX, USA

International Conference on **Hematology & Blood Disorders** September 23-25, 2013 DoubleTree by Hilton Hotel Raleigh-Durham Airport at RTP, NC, USA

4th World Congress on **Biotechnology** September 23-25, 2013 DoubleTree by Hilton Hotel Raleigh-Durham Airport at RTP, NC, USA

2nd International Conference and Exhibition on **Biowaivers & Biosimilars** September 23-25, 2013 DoubleTree by Hilton Hotel Raleigh-Durham Airport at RTP, NC, USA

2nd International Conference on **Clinical Microbiology & Microbial Genomics** September 16-18, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

2nd International Conference on **Surgery & Anesthesia** September 16-18, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA

International Symposia on **Entomology** September 04-06, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

International Conference on **Omics Studies** September 04-06, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

2nd International Conference on **Hydrology & Groundwater Expo** August 26-27, 2013 DoubleTree by Hilton, Raleigh, NC, USA

2nd International Conference on **Tissue Science & Regenerative Medicine** August 26-28, 2013 DoubleTree by Hilton, Raleigh, NC, USA

World Congress on **Endocrinology** August 26-28, 2013 DoubleTree by Hilton, Raleigh, NC, USA

2nd International Conference on **Biodefense & Natural Disasters** August 21-23, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

International Conference on **Oceanography** August 21-23, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

International Conference on **Epidemiology and Evolutionary Genetics** August 21-23, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA

International Conference and Exhibition on **Physical Medicine & Rehabilitation** August 19-21, 2013 Embassy Suites Las Vegas, NV, USA

International Conference on **Dental & Oral Health Care** August 19-21, 2013 Embassy Suites Las Vegas, NV, USA

2nd International Conference and Exhibition on **Orthopedics & Rheumatology** August 19-21, 2013 Embassy Suites Las Vegas, NV, USA

International Conference on **Radiology & Imaging** Aug 14-16, 2013 Holiday Inn Chicago-Northshore, IL, USA

4th World Congress on **Diabetes & Metabolism** August 14-16, 2013 Holiday Inn Chicago-Northshore, IL, USA

International Conference on **Genetic Engineering & Genetically Modified Organisms** August 12-14, 2013 DoubleTree by Hilton, Raleigh, NC, USA

2nd International Conference on **Biodiversity & Sustainable Energy Development** August 12-14, 2013 DoubleTree by Hilton, Raleigh, NC, USA

International Conference on **Predictive, Preventive, Personalized Medicine & Molecular Diagnostics** August 05-07, 2013 Holiday Inn Chicago-Northshore, IL, USA

2nd International Conference on **Translational Medicine** August 05-07, 2013 Holiday Inn Chicago-Northshore, USA

International Conference on **Integrative Biology Summit** August 05-07, 2013 Embassy Suites Las Vegas, NV, USA

2nd International Conference and Exhibition on **Pathology** August 05-07, 2013 Embassy Suites Las Vegas, NV, USA

3rd International Conference on **Vaccines & Vaccination** July 29-31, 2013 Embassy Suites Las Vegas, NV, USA

2nd International Conference on **Nephrology & Therapeutics** July 29-31, 2013 Embassy Suites Las Vegas, NV, USA

International Conference on **Animal & Dairy Sciences** July 23-24, 2013 Embassy Suites Las Vegas, NV, USA

2nd International Conference and Exhibition on **Addiction Research & Therapy** July 22-24, 2013 Embassy Suites Las Vegas, NV, USA

2nd International Conference on **Earth Science & Climate Change** July 22-24, 2013 Embassy Suites Las Vegas, NV, USA

4th International Conference on **Biomarkers & Clinical Research** July 15-17, 2013 Courtyard Marriott Philadelphia Down Town, PA, USA

2nd International Conference and Exhibition on **Nutritional Science & Therapy** July 15-17, 2013 Courtyard Marriott Philadelphia Down Town, PA, USA

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Dermatology	Infectious Diseases	Nursing	Pathology	Radiology	
Diabetes & Endocrinology	Medical Ethics	Obesity	Pediatrics	Surgery	

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