

132<sup>nd</sup> OMICS Group Conference

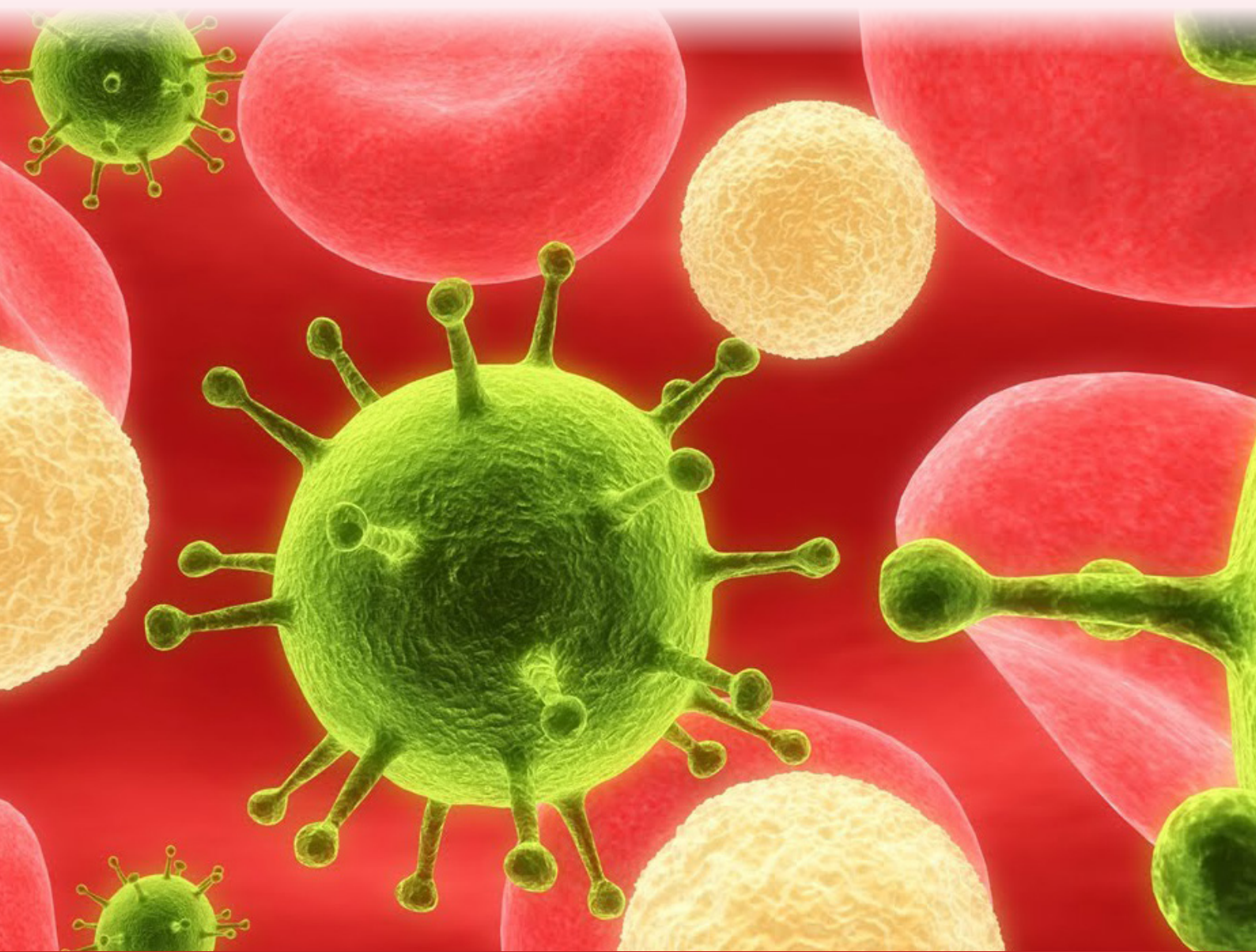
## *Scientific Program*

2<sup>nd</sup> International Conference on

# Clinical Microbiology & Microbial Genomics



September 16-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA



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Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to [symposia@omicsonline.org](mailto:symposia@omicsonline.org)

### **OMICS Group Conferences**

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09:00-09:30

# Opening Ceremony

## Keynote Forum

- 09:30-09:55 Nancy Khardori**  
Eastern Virginia medical School, USA
- 09:55-10:20 Eynav Klechevsky**  
Washington University School of Medicine, USA
- 10:20-10:45 Tineke H. Jones**  
Agriculture and Agri Food, Canada

Coffee Break 10:45-11:00 @ Foyer

- 11:00-11:25 Jean-Pierre Gorvel**  
Immunology Center of Marseille-Luminy, France
- 11:25-11:50 Jianzhong Zhang**  
Chinese Center for Disease Control and Prevention, China

### Track 1: Novel Insights into Clinical Microbiology

### Track 2: Microbiology-Current Research

### Track 3: Antimicrobials and Disinfectants

### Track 4: Infection Control & Immunity

Session Chair: Jean-Pierre Gorvel, Immunology Center of Marseille-Luminy, France

Session Co-Chair: Abdel Raouf Abou El Azm, Tanta University, Egypt

### Session Introduction

- 11:50-12:10 Title: Brucella virulence and pathogenesis, from bench to bedside**  
Jean-Pierre Gorvel, Immunology Center of Marseille-Luminy, France
- 12:10-12:30 Title: Impact of fever stress due to extra-hepatic infections on the progress of chronic Hepatitis C**  
Abdel Raouf Abou El Azm, Tanta University, Egypt
- 12:30-12:50 Title: Appraisal of 2-Furoic Acid as a potent biofilm inhibitor against Staphylococcal species and corroborating its application via *in vitro* catheter model**  
Adline Princy S, SASTRA University, India
- 12:50-13:10 Title: Evaluation of toll-like receptor expression in peripheral blood mononuclear cells isolated from chronic Hepatitis C patients**  
Sobia Manzoor, National University of Sciences & Technology, Islamabad

Lunch Break 13:10-14:00 @ Bora Bora &amp; Coral B

- 14:00-14:20 Title: Transmission of enteric viruses through meat products?**  
Tineke H. Jones, Agriculture and Agri Food, Canada
- 14:20-14:40 Title: Antimicrobial properties of Actinomycetes**  
V. Duraipandiyar, King Saud University, Saudi Arabia
- 14:40-15:00 Title: Antibiotic susceptibility pattern and biofilm formation in coagulase negative Staphylococci**  
Olayemi Ayepola, Covenant University, Nigeria
- 15:00-15:20 Title: Zeroing on Mosquito-borne Viruses: Dengue Virus, Chikungunya Virus and Japanese Encephalitis Virus**  
Maria Luisa G. Daroy, St. Luke's Medical Center, Philippines
- 15:20-15:40 Title: RNA modification enzymes: Role in modulation of biological and virulence characteristics of Salmonella**  
Amin Fadl, University of Wisconsin, USA

Coffee Break 15:40-15:55 @ Foyer

- 15:55-16:15 Title: Reduction of healthcare-Associated infections in a long-term care brain injury ward by replacing regular linens with biocidal copper oxide impregnated linens**  
Gadi Borkow, Cupron Scientific, Israel
- 16:15-16:35 Title: Salmonella transforms follicle-associated epithelial cells into M cells to promote intestinal invasion-A new paradigm in host-pathogen interaction**  
Arvind Mahajan, Lohmann Animal Health GmbH, Germany
- 16:35-16:55 Title: In-vitro studies on the sensitivity pattern of Plasmodium falciparum to Antimalarial drugs and local herbal extracts**  
Olasehinde Grace, Covenant University, Nigeria
- 16:55-17:15 Title: Neonatal Sepsis: Predictors of positive blood culture and deaths among neonates with suspected sepsis in a tertiary hospital in Ogun State, South-West Nigeria**  
Agediwura Arowosegbe, Federal University of Agriculture, Nigeria

Panel Discussion

18:10-19:10

Cocktails Sponsored by Journal of Microbial &amp; Biochemical Technology

Track 5: Clinical Infectious Diseases  
 Track 6: Tools and Diagnostics in Clinical Microbiology  
 Track 7: Clinical Veterinary Microbiology and Current Research  
 Track 8: Infectious Diseases & Public Health  
 Track 9: Current research in Medical Microbiology  
 Track 10: Microbial Genomics and Cellular Microbiology  
 Track 11: Vaccines against Infectious Diseases  
 Track 12: Microbial and Biochemical Technology

Session Chair: Nancy Khardori, Eastern Virginia medical School, USA

Session Co-Chair: Amin Fadl, University of Wisconsin, USA

## Session Introduction

- 09:30-09:50 **Title: Clinical Microbiology testing to guide antimicrobial therapy**  
 Nancy Khardori, Eastern Virginia medical School, USA
- 09:50-10:10 **Title: Introduction of revised international practice guidelines for acute cholangitis and acute cholecystitis: Tokyo Guidelines 2013 (TG 13)**  
 Harumi Gomi, Jichi Medical University, Japan
- 10:10-10:30 **Title: Macrophage polarization and chronic bacterial infectious diseases**  
 Jean-Louis Mege, Aix-Marseille University, France

## Coffee Break 10:30-10:45 @ Foyer

- 10:45-11:05 **Title: The risk factors for and effects of visceral leishmaniasis in graft and renal transplant recipients**  
 Avelar Alves Da Silva, Do Piaui Federal University, Brazil
- 11:05-11:25 **Title: Translational clinical microbiology imaging : An advanced method in clinical detection of *Mycobacterium tuberculosis* infection using 2-deoxy-2-(18F) fluoro-D-glucose PET-CT**  
 Abdul Jalil Nordin, Putra Universiti Malaysia, Malaysia
- 11:25-11:45 **Title: Evaluation of crayfish chaff charcoal agar as a transport medium for anaerobes**  
 Egwari Louis, Covenant University, Nigeria
- 11:45-12:05 **Title: Gut not only feels but also speaks!**  
 Vijay Nema, National AIDS Research Institute, India
- 12:05-12:25 **Title: Zoonotic endocarditis in Egypt**  
 Mervat G Al-Enany, A El-Kholy Cairo University hospitals, Egypt
- 12:25-12:45 **Title: MALDI-TOF mass spectrometry-based identification of bacterial pathogens in China**  
 Jianzhong Zhang, Chinese Center for Disease Control and Prevention, China

## Lunch Break 12:45-13:35 @ Bora Bora &amp; Coral B

- 12:35-13:55 **Title: Harnessing the potential of L-DOPA from biological sources: Dawn a new era**  
 Jyoti P. Jadhav, Shivaji University, India
- 13:55-14:15 **Title: *Salmonella* transforms follicle-associated epithelial cells into antigen sampling M cells to promote intestinal invasion**  
 Amin Tahoun, The University of Edinburgh, UK
- 14:15-14:35 **Title: Nail polishes: Uncommon fomites for the transmission of pathogenic fungi**  
 Margarete Teresa Gottardo de Almeida, FAMERP- University School of Medicine, Brazil
- 14:35-14:55 **Title: Resistance of commensal intestinal *Escherichia coli* and other enterics to co-trimoxazole and commonly used antibiotics in HIV/AIDS patients**  
 Kennedy D. Mwambete, Muhimbili University of Health and Allied Sciences, Tanzania
- 14:55-15:15 **Title: Etiology of respiratory tract infection among HIV/AIDS patients hospitalized at national hospital for tropical diseases**  
 Nguyen Tien Lam, National Hospital for Tropical Diseases, Vietnam
- 15:15-15:35 **Title: Prevalence of *B. pertussis*, *L. pneumophila* and *S. pneumonia* in patients referred to Shahid Beheshti Hospital Yasouj by multiplex PCR**  
 A.M. Khosravani, Institute of Biomedical Life Sciences, Iran

## Coffee Break 15:35-15:50 @ Foyer

- 15:50-16:10 **Symposium on:  
 Medical Microbiology by Dr. Karutha Pandian**
- 16:10-16:30 **Title: Intricate regulatory circuit of *Pseudomonas aeruginosa* AmpR revealed through whole genome approach**  
 Kalai Mathee, Florida International University, USA
- 16:30-16:50 **Title: Dynamic gene network selection through stress modulation: An *E. coli* model**  
 Hemant J. Purohit, National Environmental Engineering Research Institute, CSIR, India

## Panel Discussion

- 16:30-17:30 **Poster Presentations @ Foyer**
- Award Ceremony**
- 18:15-19:15 **Cocktails Sponsored by Journal of Microbial & Biochemical Technology**

## Bookmark your dates



# 3<sup>rd</sup> International Conference on Clinical Microbiology & Microbial Genomics

September 17-19, 2014 Valencia, Spain

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## OMICS Group Upcoming Conferences

<b>Pharmaceutical/Chemistry</b>		
2 <sup>nd</sup> International Conference and Exhibition on <b>Biowaivers &amp; Biosimilars</b> September 23-25, 2013 Hilton Raleigh-Durham Airport at RTP, NC, USA	3 <sup>rd</sup> International Conference on <b>Nephrology &amp; Therapeutics</b> September 18-19, 2014 Valencia, Spain	
International Conference and Exhibition on <b>Biochemical &amp; Molecular Engineering</b> October 07-09, 2013 Hilton San Antonio Airport, TX, USA	5 <sup>th</sup> World Congress on <b>Diabetes &amp; Metabolism</b> September 23-25, 2014 Valencia, Spain	
2 <sup>nd</sup> International Conference on <b>Medicinal Chemistry &amp; Computer Aided Drug Designing</b> October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA	3 <sup>rd</sup> International Conference on <b>Translational Medicine</b> September 24-26, 2014 Valencia, Spain	
4 <sup>th</sup> International Conference and Exhibition on <b>Analytical &amp; Bioanalytical Techniques</b> October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA	2 <sup>nd</sup> International Conference on <b>Predictive, Preventive, Personalized Medicine &amp; Molecular Diagnostics</b> September 24-26, 2014 Valencia, Spain	
3 <sup>rd</sup> International Conference on <b>Pharmaceutical Regulatory Affairs</b> October 21-23, 2013 DoubleTree by Hilton Hotel San Francisco Airport, CA, USA	4 <sup>th</sup> World Congress on <b>Cell Science &amp; Stem Cell Research</b> September 24-26, 2014 Valencia, Spain	
International Conference & Exhibition on <b>Pharmacognosy, Phytochemistry &amp; Natural Products</b> October 21-23, 2013 Radisson Blu Plaza Hotel, Hyderabad, India	2 <sup>nd</sup> International Conference on <b>Hematology &amp; Blood Disorders</b> September 29-October 01, 2014 Baltimore, USA	
2 <sup>nd</sup> International Summit on <b>GMP, GCP &amp; Quality Control</b> November 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA	4 <sup>th</sup> World Congress on <b>Virology</b> October 06-08, 2014 San Antonio, USA	
International Summit on <b>Clinical Pharmacy &amp; Dispensing</b> November 18-20, 2013 Hilton San Antonio Airport, TX, USA	2 <sup>nd</sup> International Conference on <b>Endocrinology</b> October 20-22, 2014 Chicago, USA	
4 <sup>th</sup> International Conference and Exhibition on <b>Pharmaceutics &amp; Novel Drug Delivery Systems</b> March 24-26, 2014 Hilton San Antonio Airport, USA	3 <sup>rd</sup> International Summit on <b>Toxicology</b> October 20-22, 2014 Chicago, USA	
4 <sup>th</sup> International Conference on <b>Pharmaceutical Regulatory Affairs</b> September 08-10, 2014 Raleigh, USA	4 <sup>th</sup> World Congress on <b>Cancer Science &amp; Therapy</b> October 20-22, 2014 Chicago, USA	
3 <sup>rd</sup> International Summit on <b>GMP, QA &amp; QC</b> September 23-24, 2014 Valencia, Spain	3 <sup>rd</sup> International Conference and Exhibition on <b>Cell &amp; Gene Therapy</b> October 27-29, 2014 Las Vegas, USA	
5 <sup>th</sup> World Congress on <b>Bioavailability &amp; Bioequivalence: Pharmaceutical R&amp;D Summit</b> September 29-October 01, 2014 Baltimore, USA	2 <sup>nd</sup> International Conference and Exhibition on <b>Traditional &amp; Alternative Medicine</b> November 12-13, 2014 Beijing, China	
2 <sup>nd</sup> World Congress on <b>Petrochemistry and Chemical Engineering</b> October 27-29, 2014 Las Vegas, USA	3 <sup>rd</sup> International Conference on <b>Surgery and Anesthesia</b> November 17-19, 2014 Chicago, USA	
3 <sup>rd</sup> International Conference and Exhibition on <b>Biowaivers &amp; Biosimilars</b> October 27-29, 2014 Hyderabad, India	3 <sup>rd</sup> International Conference and Exhibition on <b>Obesity &amp; Weight Management</b> December 01-03, 2014 San Francisco, USA	
3 <sup>rd</sup> International Conference and Exhibition on <b>Pharmacovigilance &amp; Clinical Trials</b> October 27-29, 2014 Hyderabad, India	<b>Omic &amp; Management</b>	
3 <sup>rd</sup> International Conference on <b>Medicinal Chemistry &amp; Computer Aided Drug Designing</b> November 03-05, 2014 Beijing, China	International Conference on <b>Functional and Comparative Genomics &amp; Pharmacogenomics</b> November 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA	
5 <sup>th</sup> International Conference and Exhibition on <b>Analytical &amp; Bioanalytical Techniques</b> November 03-05, 2014 Beijing, China	3 <sup>rd</sup> International Conference and Exhibition on <b>Metabonomics &amp; Systems Biology</b> March 24-26, 2014 Hilton San Antonio Airport, USA	
2 <sup>nd</sup> International Conference and Exhibition on <b>Pharmacognosy, Phytochemistry &amp; Natural Products</b> November 12-14, 2014 Beijing, China	2 <sup>nd</sup> International Conference on <b>Business, Economics &amp; Management</b> April 21-23, 2014 Dubai, UAE	
2 <sup>nd</sup> International Summit on <b>Clinical Pharmacy</b> December 02-03, 2014 San Francisco, USA	4 <sup>th</sup> International Conference on <b>Proteomics &amp; Bioinformatics</b> August 04-06, 2014 Chicago, USA	
<b>Medical Sciences</b>		
2 <sup>nd</sup> International Conference on <b>Surgery &amp; Anesthesia</b> September 16-18, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA	2 <sup>nd</sup> International Conference on <b>Functional and Comparative Genomics &amp; Pharmacogenomics</b> September 08-09, 2014 Raleigh, USA	
International Conference on <b>Hematology &amp; Blood Disorders</b> September 23-25, 2013 Hilton Raleigh-Durham Airport at RTP, NC, USA	<b>Clinical</b>	
International Conference on <b>Psychology, Autism and Alzheimer's Disease</b> September 30-October 01, 2013 Hilton San Antonio Airport, TX, USA	2 <sup>nd</sup> International Conference on <b>Clinical Microbiology &amp; Microbial Genomics</b> September 16-18, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA	
2 <sup>nd</sup> International Summit on <b>Toxicology</b> October 07-09, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA	2 <sup>nd</sup> International Conference on <b>Clinical &amp; Cellular Immunology</b> October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA	
3 <sup>rd</sup> World Congress on <b>Cancer Science &amp; Therapy</b> October 21-23, 2013 DoubleTree by Hilton Hotel San Francisco Airport, CA, USA	International Conference on <b>Nursing &amp; Emergency Medicine</b> December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA	
2 <sup>nd</sup> International Conference and Exhibition on <b>Cell &amp; Gene Therapy</b> October 23-25, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA	4 <sup>th</sup> International Conference on <b>Clinical &amp; Experimental Cardiology</b> April 14-16, 2014 San Antonio, USA	
International Conference on <b>HIV/AIDS, STDs &amp; STIs</b> October 24-25, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA	4 <sup>th</sup> International Conference on <b>Clinical &amp; Experimental Dermatology</b> April 14-16, 2014 San Antonio, USA	
2 <sup>nd</sup> International Conference and Exhibition on <b>Cosmetology &amp; Trichology</b> November 12-14, 2013 DoubleTree by Hilton Hotel Chicago-North Shore, IL, USA	5 <sup>th</sup> International Conference on <b>Biomarkers &amp; Clinical Research</b> April 15-17, 2014 St Hilda's College, Cowley Place, Oxford, OX41DY, England, UK	
3 <sup>rd</sup> World Congress on <b>Virology</b> November 20-22, 2013 DoubleTree by Hilton Baltimore-BWI Airport, MD, USA	2 <sup>nd</sup> International Conference on <b>Dental &amp; Oral Health</b> April 21-23, 2014 Dubai, UAE	
3 <sup>rd</sup> International Conference on <b>Cell Science &amp; Stem Cell Research</b> November 20-22, 2013 DoubleTree by Hilton Baltimore-BWI Airport, MD, USA	4 <sup>th</sup> International Conference on <b>Clinical &amp; Experimental Ophthalmology</b> June 23-25, 2014 New Orleans, USA	
2 <sup>nd</sup> International Conference and Exhibition on <b>Obesity &amp; Weight Management</b> December 02-04, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA	2 <sup>nd</sup> International Conference and Exhibition on <b>Physical Medicine &amp; Rehabilitation</b> June 23-25, 2014 New Orleans, USA	
International Conference and Exhibition on <b>Traditional &amp; Alternative Medicine</b> December 09-11, 2013 Radisson Blu Plaza Hotel, Hyderabad, India	3 <sup>rd</sup> International Conference and Exhibition on <b>Nutrition &amp; Food Sciences</b> September 16-18, 2014 Valencia, Spain	
2 <sup>nd</sup> International Conference on <b>Psychology, Autism &amp; Alzheimer's Disease</b> June 10-12, 2014 Valencia, Spain	3 <sup>rd</sup> International Conference on <b>Clinical Microbiology &amp; Microbial Genomics</b> September 17-19, 2014 Valencia, Spain	
2 <sup>nd</sup> International Conference on <b>HIV/AIDS, STDs &amp; STIs</b> June 11-12, 2014 Valencia, Spain	4 <sup>th</sup> International Conference on <b>Vaccines &amp; Vaccination</b> September 23-25, 2014 Valencia, Spain	
3 <sup>rd</sup> International Conference on <b>Gastroenterology &amp; Urology</b> July 28-30, 2014 San Francisco, USA	3 <sup>rd</sup> International Conference on <b>Clinical &amp; Cellular Immunology</b> September 29-October 01, 2014 Baltimore, USA	
3 <sup>rd</sup> International Conference and Exhibition on <b>Orthopedics &amp; Rheumatology</b> July 28-30, 2014 San Francisco, USA	2 <sup>nd</sup> International Conference on <b>Nursing &amp; Emergency Medicine</b> November 17-19, 2014 Chicago, USA	
3 <sup>rd</sup> International Conference and Exhibition on <b>Addiction Research &amp; Therapy</b> August 04-06, 2014 Chicago, USA	<b>Life Sciences &amp; Environmental</b>	
2 <sup>nd</sup> International Conference on <b>Radiology &amp; Imaging</b> September 08-09, 2014 Raleigh, USA	4 <sup>th</sup> World Congress on <b>Biotechnology</b> September 23-25, 2013 Hilton Raleigh-Durham Airport at RTP, NC, USA	
<b>The Global Cancer Summit</b> September 16-18, 2014 Hyderabad, India	2 <sup>nd</sup> International Conference and Exhibition on <b>Probiotics &amp; Functional Foods</b> October 23-25, 2013 Holiday Inn Orlando International Airport, Orlando, FL, USA	
3 <sup>rd</sup> International Conference and Exhibition on <b>Neurology &amp; Therapeutics</b> September 16-18, 2014 Valencia, Spain	2 <sup>nd</sup> International Conference and Exhibition on <b>Food Processing &amp; Technology</b> October 28-30, 2013 Kansas City Marriott Country Club Plaza, USA	
3 <sup>rd</sup> International Conference on <b>Tissue Science &amp; Regenerative Medicine</b> September 16-18, 2014 Valencia, Spain	International Conference on <b>Fermentation Technology, Bioprocess &amp; Cell Culture</b> October 28-30, 2013 Kansas City Marriott Country Club Plaza, USA	
	International Congress on <b>Bacteriology &amp; Infectious Diseases</b> November 20-22, 2013 DoubleTree by Hilton Baltimore-BWI Airport, MD, USA	
	2 <sup>nd</sup> International Conference on <b>Agricultural &amp; Horticultural Sciences</b> February 03-05, 2014 Radisson Blu Plaza Hotel, Hyderabad, India	