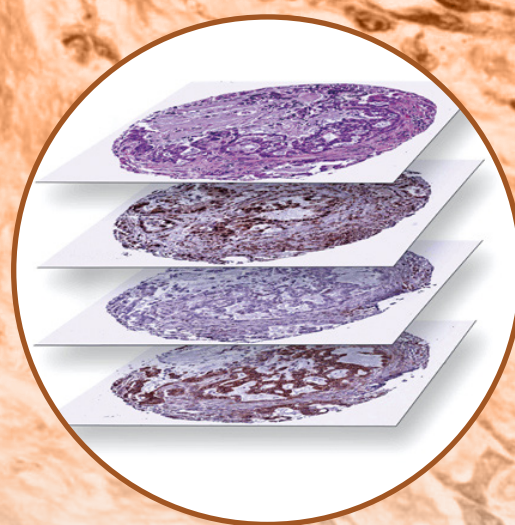


Scientific Program

4th International Conference and Exhibition on

Pathology

July 13-15, 2015 New Orleans, USA



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Grand Ball Room A



08:30-09:00

Opening Ceremony

Keynote Forum

09:00-09:05	Introduction
09:05-09:45	Clay J Cockerell President of Cockerell Dermatopathology, USA
09:45-10:25	Gene N Herbek President of College of American Pathologists, USA

Group Photo

Networking & Refreshments Break 10:25-10:40 @ Foyer

Track 1: Molecular Pathology

Session Chair: Kim Solez, University of Alberta, Canada

Session Co-chair: Peter L Nagy, Columbia University, USA

Session Introduction

10:40-11:00	Title: Optimizing sensitivity and specificity of clinical next generation sequencing in constitutional and cancer applications Peter L Nagy , Columbia University, USA
11:00-11:20	Title: Custom AmpliSeq™ targeted resequencing to identify novel clinopathologic correlates in early-stage lung adenocarcinoma: A Yale lung cancer biorepository study Bonnie E Gould Rothberg , Yale University School of Medicine, USA
11:20-11:40	Title: Molecular pathology of diabetic embryopathy in mouse models Claudia Kappen , Pennington Biomedical Research Center, USA
11:40-12:00	Title: Inroads to personalized medicine through molecular pathology Richard Y Zhao , University of Maryland School of Medicine, USA
12:00-12:20	Title: Rapid progress of next generation sequencing technology: Implications for implementation in clinical diagnostic laboratories R Rajesh Singh , The University of Texas, USA
12:20-12:40	Title: Ampullary tumors and tumor like lesions: Histological classification, diagnosis and treatment options Wenqing Cao , University of Rochester School of Medicine and Dentistry, USA

Lunch Break 12:40-13:25 @ Cafe LaSalle

13:25-13:45	Title: Insulin-like growth factor 1 receptor expression in hormone receptor positive and negative breast carcinoma: A retrospective cross-sectional study Gabriela Oprea-Ilie , Emory University Hospital, USA
13:45-14:05	Title: Molecular pathogenesis of motor neuron disease as revealed by mass spectrometry-based proteomics Kay Ohlendieck , National University of Ireland, Ireland
14:05-14:25	Title: Application of matrix-assisted laser desorption/ionization imaging mass spectrometry in glioblastoma Lihong Weng , City of Hope, USA

Special Session

14:25-15:10	Title: Laboratory considerations in an era of improved microbial identification Nancy S Miller , Boston University School of Medicine, USA
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Track 2: Oral and Maxillofacial Pathology

Track 3: Veterinary Pathology

Session Chair: Gabriela Oprea-Illies, Emory University Hospital, USA

Session Co-chair: Mehmet Rifat Vural, Ankara University, Turkey

Session Introduction

- 15:10-15:30** Title: **Interference of immunoglobulin paraproteins with chemistry assays**
Lu Song, University of California Los Angeles, USA
- 15:30-15:50** Title: **Diagnostic pathology**
Athema Etzioni, Tuskegee University College of Veterinary Medicine, USA
- 15:50-16:10** Title: **Tumor morphological features influencing metastatic rate in oral carcinoma**
Janevska Vesna, Ss Cyril and Methodius University of Skopje, Republic of Macedonia

Networking & Refreshments Break 16:10-16:25 @ Foyer

- 16:25-16:45** Title: **Investigation of relationship between expressions of TGF- β family members, GATAs, IGFs and apoptosis in bovine ovarian cysts**
Mehmet Rifat Vural, Ankara University, Turkey
- 16:45-17:05** Title: **The detection of progressive and regressive phase and line-1 retrotransposone in transfected dogs with transmissible venereal tumor during chemotherapy**
Sevil Atalay Vural, Ankara University, Turkey
- 17:05-17:25** Title: **Pathomorphological and immunohistochemical evaluation of osteoid osteoma like osteoblastoma in proximal humerus of a dog: An unusual case**
Tuncer Kutlu, Ankara University, Turkey
- 17:25-17:45** Title: **Evaluation of apoptotic, pathomorphological and biochemical findings in congenital hypothyroidism induced by methamizole in rats**
Mehmet Eray Alcigir, Ankara University, Turkey

Workshop on "The future of the pathology as a subset of the future of medicine"

- 17:45-18:45** Title: **A renaissance in renal pathology, nephrology and transplantation brought about by regenerative medicine: How to jump start the process**
Kim Solez, University of Alberta, Canada
- Title: **Student involvement in characterizing the landscape of the new discipline of tissue engineering pathology: A brave new world in pathology**
Korey Fung, University of Alberta, Canada
- Title: **A new profession with in pathology: Robot liaison/advocate: The best human friend a robot ever had**
Patricia Bacus, University of Alberta, Canada

Panel Discussion

Day 2 **July 14, 2015**

Grand Ball Room A

Keynote Forum

- 09:00-09:25** **James Michaelson**
Massachusetts General Hospital, USA
- 09:25-09:50** **Haodong Xu**
University of California Los Angeles, USA

Track 4: Clinical Pathology

Track 5: Renal Pathology

Track 6: e-Pathology

Session Chair: Kim Solez, University of Alberta, Canada

Session Co-chair: K H Ramesh, Albert Einstein College of Medicine, USA

Session Introduction

- 09:50-10:10** Title: **Significance of HER2 genetic heterogeneity detected by fluorescence *in situ* hybridization analysis in invasive ductal breast carcinoma**
K H Ramesh, Albert Einstein College of Medicine, USA
- 10:10-10:30** Title: **Activity of a double-carbapenem association in the *in vitro* susceptibility of carbapenemase-producing *Klebsiella pneumoniae***
Maria Teresa Mascellino, Sapienza University of Rome, USA

Networking & Refreshments Break 10:30-10:45 @ Foyer

- 10:45-11:05** Title: **Mentoring in pathology: Review and case study with observations on Dunbar's number**
Kim Solez, University of Alberta, Canada
- 11:05-11:25** Title: **Role of pathology in the era of precision medicine**
Dongfeng Tan, The University of Texas, USA
- 11:25-11:45** Title: **Tumor-associated carbohydrate antigen, Tn, as a cancer prognosis marker and therapeutic target**
Jaulang Hwang, Taipei Medical University, Taiwan
- 11:45-12:05** Title: **Applying a homology concept to detect regions of interest from colonic digital images**
Kazuaki Nakane, Osaka University, Japan
- 12:05-12:25** Title: **A telemicroscopy platform for oral cancer screening in India**
Praveen Gurpur, Siemens Technology and Services Pvt Ltd, India
- 12:25-12:45** Title: **Histomorphometric findings may help predict response to antiviral therapy at an early fibrosis grade in patients with chronic HCV infection**
Maison Abu Raya, Rappaport Faculty of Medicine The Technion, Israel

Lunch Break 12:45-13:30 @ Cafe LaSalle

- 13:30-13:50** Title: **Reconstruction of injured spinal cord by epigenetic regulation of transplanted neural stem cells**
Masahiko Abematsu, Kagoshima University, Japan
- 13:50-14:10** Title: **The new predictive and prognostic markers in Hepatocellular carcinoma**
Nuray Bassullu, Acibadem Health Group, Turkey
- 14:10-14:30** Title: **Assessments of safety and toxicity levels of gold nanoparticles using zebra fish (*Danio Rerio*) as a vertebrate model**
Trupti Shetty, MGM Medical College, India

Track 7: Anatomical Pathology

Track 8: Surgical Pathology

Track 9: Hematopathology

Session Chair: James Michaelson, Massachusetts General Hospital, USA

Session Co-chair: Cynthia D Guy, Duke University, USA

Session Introduction

- 14:30-14:50** Title: **DeveloPATent and validation of clinical next generation sequencing assay for sensitive detection of mutations of BTK and PLC gamma genes in chronic lymphocytic leukemia patients treated with BTK inhibitor Ibrutinib**
Gerard Lozanski, The Ohio State University, USA
- 14:50-15:10** Title: **How we grow: The biology and pathology of how we, our animal relatives, our tissues and organs, and our cancers, grow well and badly**
James Michaelson, Massachusetts General Hospital, USA

Networking & Refreshments Break 15:10-15:25 @ Foyer

- 15:25-15:45** Title: **The Hedgehog signaling pathway in nonalcoholic steatohepatitis and hepatocellular carcinoma: Fueling the fire?**
Cynthia D Guy, Duke University, USA
- 15:45-16:05** Title: **Histopathologic evaluation of breast specimens after neoadjuvant chemotherapy**
Aysegul Sahin, The University of Texas, USA
- 16:05-16:25** Title: **Molecular pathways in diffuse large B-cell lymphoma and their implication in the development of novel therapeutic agents**
Jiong Yan, University of Saskatchewan, Canada
- 16:25-16:45** Title: **EBV+ diffuse large B-cell lymphoma (of the elderly) - Chromogenic *in situ* hybridization and immunohistochemistry using tissue microarray**
Andrea Rodrigues Cordovil Pires, Fonte Medicina Diagnostica, Brazil
- 16:45-17:05** Title: **Use of immunohistochemistry in core needle biopsy of breast: 2 years experience at Al Qassimi hospital Sharjah**
Munaf Desai, Al Qassimi Hospital, UAE

- 17:05-17:25** Title: **Exotic associations & presentations of an age old disease: Spectrum of tuberculosis in a developing country**
Sujata Jetley, Hamdard Institute of Medical Sciences & Research, India
- 17:25-17:45** Title: **Discrepancies between DNA index by flow cytometry and cytogenetic studies in childhood β -lymphoblastic leukemia**
Nour Al-Mozain, King Saud University, Saudi Arabia

Special Session

- 17:45-18:30** Title: **Evaluating the capacity of novel image analysis algorithms in estimating prostate cancer patient outcomes**
Patrick Jackman, University College Dublin, Ireland

Panel Discussion

Poster Presentations 10:00-11:00 @ Foyer

Award Ceremony

Day 3 July 15, 2015

Grand Ball Room A

Young Researchers Forum

Session Chair: **Gerard Lozanski**, The Ohio State University, USA

Session Introduction

- 09:00-9:15** Title: **Exfoliative cytology of precancerous and cancerous lesions of cervix**
Kamakshi Worah, Mahatma Gandhi Missions Medical College and Hospital, India
- 09:15-9:30** Title: **Bioprinting organs one step at a time: The special challenges of the 3D printed kidney as reflected in morphology**
Patricia Bacus, University of Alberta, Canada
- 09:30-9:45** Title: **Cyborg pathology and Humanity 2.0 - What will pathology be like in a world where fixing your body and fixing your computer become the same thing?**
Sina Marzoughi, University of Alberta, Canada
- 9:45-10:00** Title: **Transforming pathology: Biotechnology as a positive feedback loop for the evolution of anatomical pathology**
Punit Virk, University of Alberta, Canada

Networking & Refreshments Break 10:00-10:15 @ Foyer

- 10:15-10:30** Title: **Consensus generation in pathology. Mentoring aspects and how rules are established, the example of Banff transplant pathology meeting discussions**
Rongjia Liu, University of Alberta, Canada
- 10:30-10:45** Title: **Genomic pathology and tissue engineering pathology compared and contrasted**
Korey Fung, University of Alberta, Canada
- 10:45-11:00** Title: **Comparative study of conventional pap smear versus manual liquid based cytology in screening of cervical cancer**
Abhinav Walia, Mahatma Gandhi Missions Medical College and Hospital, India

Track 7: Anatomical Pathology

Track 8: Surgical Pathology

Session Chair: **Andrea Rodrigues Cordovil Pires**, Fonte Medicina Diagnostica, Brazil

Session Introduction

- 11:00-11:20** Title: **Cytometric analysis of cells in the glandular ductal epithelium of breast cancer**
Petro O Vavrukh, I.Ya. Horbachevsky Ternopil State Medical University, Ukraine
- 11:20-11:40** Title: **Frequency of non Hodgkin's lymphoma in a tertiary care hospital of Pakistan**
Uzma Bukhari, Dr. Ziauddin Hospital, Pakistan
- 11:40-12:00** Title: **MicroRNA-29a drives DNA hypermethylation and metastasis of hepatocellular carcinoma by targeting TET family members**
Zhi Dai, Fudan University, China
- 12:00-12:20** Title: **Bacteriophages as natural antimicrobial agents against phytopathogenic *Ralstonia solanacearum*: A novel alternative to antibiotics**
Makari Hanumanthappa K, IDSG Government College, India
- 12:20-12:40** Title: **Autopsy prevalence of gastroesophageal reflux disease**
Momoh Martins, Babcock University, Nigeria

Lunch Break 12:40-13:30 @ Cafe LaSalle

Poster Presentations

Poster Judges: Wenqing Cao, University of Rochester School of Medicine and Dentistry, USA
Haodong Xu, University of California Los Angeles, USA

- P01** Title: **The first application of team based learning in a Saudi Arabian medical school: A single centre experience of teaching pathology courses of neurosciences**
Khurshid Anwar, Alfaisal University, Saudi Arabia
- P02** Title: **Apamin attenuates PDGF-BB-induced vascular smooth muscle cell proliferation and migration through Akt and Erk signaling pathway**
Kwan-Kyu Park, Catholic University of Daegu, South Korea
- P03** Title: **MFG-E8 expression for progression and self-clearance of apoptotic cells in oral squamous cell carcinoma**
Manabu Yamazaki, Niigata University, Japan
- P04** Title: **IGF-I and II expressions in fibropapilloma developed in naturally infected with bovine papilloma virus type-1 (BPV-1)**
Mehmet Eray Alcigir, Ankara University, Turkey
- P05** Title: **Pathomorphological and immunohistochemical findings of subacute lobullary calcifying panniculitis in two cats**
Mehmet Eray Alcigir, Ankara University, Turkey
- P06** Title: **Spinal neuroblastoma in a dog**
Tuncer Kutlu, Ankara University, Turkey
- P07** Title: **Pathomorphological and immuohistochemical evaluation of Mooren's ulcer in a cat**
Tuncer Kutlu, Ankara University, Turkey
- P08** Title: **Immunohistochemical demonstration of p53 protein and metallothioneins in canine mammary tumours**
Sevil Atalay Vural, Ankara University, Turkey
- P09** Title: **Primary central nervous system lymphoma: A ten year study in a tertiary care centre in India**
Jyoti R Kini, Manipal University, India
- P10** Title: **Myeloid-derived suppressor cells in oral cancer**
Kei Tomihara, University of Toyama, Japan
- P11** Title: **Significance of histopathology in leprosy**
Abhinav Walia, MGM Medical College, India
- P12** Title: **Juvenile ossifying fibroma of the maxilla: Differential diagnosis against well-differentiated osteosarcoma**
Hidetake Tachinami, University of Toyama, Japan
- P13** Title: **Frequency of subgroups of diffuse large B-cell lymphoma by immunohistochemistry in Pakistan**
Uzma Bukhari, Dr. Ziauddin Hospital, Pakistan
- P14** Title: **Pathology scoring and aortic wall image analysis explore the role of Nicorandil & Atorvastatin in atherosclerosis: A histopathological experimental study**
RehamShehab El NemrEsmail, National Research Center, Egypt
- P15** Title: **Molecular analysis and clinicopathologic features of colorectal cancer from algerian patients**
Boudida-Berkane Kenza, P&M Curie Center, Algeria
- P16** Title: **Are you at risk of having oral cancer?**
Amerah Alsalem, Riyadh Colleges of Dentistry and Pharmacy, Saudi Arabia

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