

Joint Event

Proceedings of

15<sup>th</sup> International Congress on

# AMERICAN PATHOLOGY AND ONCOLOGY RESEARCH &

International Conference on

# MICROBIAL GENETICS AND MOLECULAR MICROBIOLOGY

December 03-04, 2018 | Chicago, USA



## Conference Hall: Superior Ballroom B

09:00-09:45 Registrations

09:45-09:55 Opening Ceremony

### Keynote Forum

09:55-10:00 Introduction

**Title: MicroRNAs and epigenetic change in cancer development and therapeutic resistance**

10:00-10:40

**Bing-Hua Jiang**, The University of Iowa, USA

### Panel Discussion

**Networking & Refreshment Break 10:40-10:55 @ Foyer**  
**Group Photo**

10:55-11:35

**Title: Mechanisms of the progression from Barrett's esophagus to esophageal adenocarcinoma: Role of NADPH oxidase NOX5-S**

**Weibiao Cao**, Brown University, USA

11:35-12:15

**Title: Bacterial view of the chemical periodic table: Genes (and proteins) for each element of the chemical periodic table**

**Simon Silver**, University of Illinois, USA

12:15-12:55

**Title: Update of the World Health Organization classification of tumours of the central nervous system 2016 revised 4th edition**

**Andrea Gilbert**, UT Health San Antonio, USA

### Panel Discussion

**Lunch Break 12:55-13:55 @ Ballroom Foyer**

**Sessions: Cellular & Environmental Microbiology | Cancer & Stem Cells**

**Session Chair: Simon Silver**, University of Illinois, USA

### Session Introduction

13:55-14:25

**Title: Elucidating the role of hexokinase-2 in hepatocellular carcinoma and implications for cancer therapy**

**Dannielle DeWaal**, University of Illinois, USA

14:25-14:55

**Title: Characterization of PHA synthases of *Aceintobacter baumannii* isolate p39, *Bacillus cereus* isolate p83 and *Azomonas macrocytogenes* isolate p173 in a comparative approach**

**Noha Elgendy**, Ain Shams University, Egypt

14:55-15:25

**Title: The new antagonistic fungus: *Aspergillus piperis***

**Samah Abd El-Kader El-Debaiky**, Tanta University, Egypt

### Panel Discussion & Group Photo 15:25-15:30

**Networking and Refreshment Break 15:30-15:45 @ Foyer**

**Sessions: Surgical Pathology | Cancer Therapy**

**Session Chair: Bing-Hua Jiang**, The University of Iowa, USA

### Session Introduction

15:45-16:15

**Title: GRP52 is a new sensitive markers for detecting metastatic prostatic carcinoma**

**Shaolei Lu**, Brown University, USA

16:15-16:45

**Title: ROS and miRNA signaling in ovarian cancer angiogenesis, tumor growth and treatment resistance**

**Ling-Zhi Liu**, University of Iowa Hospitals and Clinics, USA

### Panel Discussion

## Conference Hall: Superior Ballroom B

### Keynote Forum

**10:15 -10:55** **Title: Basic principles and emerging concepts in Epstein-Barr virus-positive marginal zone lymphoma**  
**Shunyou Gong**, Northwestern University, USA

### Panel Discussion

### Networking and Refreshment Break 10:55- 11:10 @ Foyer

**11:10 -11:50** **Title: Probiotics for Familial Mediterranean fever disease**  
**Astghik Z Pepoyan**, International Association for Human and Animals Health Improvement, Armenia

### Sessions: Microbial Metabolism | Cellular & Environmental Microbiology

**Session Chair: Simon Silver**, University of Illinois, USA

### Session Introduction

**11:50 -12:20** **Title: Opposing roles of the Fork-head box genes FoxM1 and FoxA2 in liver cancer**  
**Vaibhav Chand**, University of Illinois, USA

**12:20-12:50** **Title: Biological control of early blight of tomato plant by *Aspergillus piperis***  
**Samah Abd El-Kader El-Debaiky**, Tanta University, Egypt

### Lunch Break 12:50-13:50 @ Ballroom Foyer

### Sessions: Gastrointestinal and Liver Pathology | Cancer Research | Cancer Therapy

**Session Chair: Bing-Hua Jiang**, The University of Iowa, USA

### Session Introduction

**13:50-14:20** **Title: Microsatellite instability pathway and molecular genetics of colorectal cancer**  
**Juel Chowdhury**, University of Illinois, USA

**14:20-14:50** **Title: The enzymatic degradation comparism of Silk Fibroin Hydrogel (SFH), Silk Xanthan Hydrogel (SXH) and Silk Silver-Nanoparticles Hydrogel (SSH) for Drug Delivery Systems (DDS) applications**  
**Omoyayi Ibrahim O**, Near East University, Turkey

**14:50-15:20** **Title: Glutathione inhibition, together with increased vitamin D intake as potential therapeutic approach against prostate cancer progression during the early stage: A review**  
**Lawrence Okonkwo Aka**, St. Matthew's University, Cayman Islands

### Poster Presentation 15:20-15:50

**MMA01** **Title: Homologues of F420H2-Dependent reductases from the biosynthesis of *lincomycin*, *hormaomycin*, and *pyrrolbenzodiazepines* have different reaction specificity**  
**Lucie Steiningerova**, Institute of Microbiology of the Czech Academy of Sciences, Czech Republic

**MMA02** **Title: The characterization of oral microbiome in periodontally healthy people**  
**Magdalena Pavlikova**, Institute of Microbiology of the Czech Academy of Sciences, Czech Republic

**MMA03** **Title: Probiotics with *Lactobacilli* origin differently act on the growth of hospital-acquired multidrug-resistant *Klebsiella pneumoniae***  
**Lilit Malkhasyan**, International Association for Human and Animals Health Improvement, Armenia

**MMA04** **Title: Dual labeling of *Pseudomonas putida* ND6 with fluorescence proteins for exploring the conjugal transfer of pND6-1 and pND6-2 plasmid**  
**Shan Wang**, Xi'an Jiaotong University, China

**MMA05** **Title: Histopathological findings in surgically resected treatment-resistant epilepsy cases**  
**Meliha Ozge Tepe**, Istanbul University, Turkey

### Networking and Refreshment Break 15:50- 16:15 @ Foyer

### Video Presentation

**16:15-16:45** **Title: Epidemic flu viruses**  
**Giulio Tarro**, Beaumont Bonelli for Cancer Research, Italy

### Panel Discussion

### Award Ceremony

### Thanks Giving & Closing Ceremony