



# 2nd International Conference on PharmScience Research & Development

February 24-26, 2020, Four Points by Sheraton, Los Angeles | CA

## Publishing Partner



\*\*\* All registered speakers of the Pharma R&D-2020 will be given an opportunity to publish their full-length manuscript as Conference Proceedings in Pharmakeftiki Journal (Scopus Indexed). Please note that all submitted manuscripts are subjected to an extensive peer review in consultation with the guest editor of the Special issue and editors will make a final decision (accept/reject) on the manuscripts.

Program Last Updated: September 16, 2019

# Keynote Presentations

**Title:** The Therapeutic Potential of GABA(A) ecgic Subtype Selective Ligands

James M Cook, University of Wisconsin Milwaukee, WI

**Title:** To be Announced

Jerry L Nadler, New York Medical College, NY

**Title:** To be Announced

Uri Elkayam, University of Southern California, CA

**Title:** Nanomedicine: The new Effective Approach to Fighting Antimicrobial and Chemotherapeutic Resistance

Thomas Webster, Northeastern University, MA

**Title:** To be Announced

Xiaoling Li, University of the Pacific, CA

**Title:** To be Announced

Karol S Bruzik, University of Illinois at Chicago, IL

**\*Keynote Presentation Slots are Available**

**\*\*Slots are Available for both Oral and Poster Presentations**

# Featured Presentations

**Title:** Changing the Paradigm of Drug Target Discovery using FFPE Specimens from Colorectal Cancer Patients and Adaptive Dynamic Artificial Polyligand Targeting

Heather O'Neill, Caris Life Sciences, AZ

**Title:** Preclinical Testing of ICA-1; A Potent Protein Kinase C- $\alpha$  Inhibitor as a Potential Anticancer Drug

Mildred Acevedo Duncan, University of South Florida, FL

**Title:** Rapid Development of New Biopharmaceutical Products Using a Multi-Purpose Manufacturing Facility

Mark F. Witcher, Brevitas Consulting, NC

**Title:** Optimizing the Pharmaceutical Supply Chain: Central Fill Pharmacies

Leon McGinnis, The Georgia Institute of Technology, GA

**Title:** Validation of DPAGT1 Inhibitors for Anticancer Chemotherapeutics

Michio Kurosu, University of Tennessee Health Science Center, TN

**Title:** Efficacy of Aerosolized Rifaximin Versus Tobramycin For the Treatment of Pseudomonas aeruginosa Pneumonia in Mice

Roy Al Ahmar, Marshall University, WV

**Title:** Lyophilized Liposome-based Parenteral Drug Development: Reviewing Complex Product Design Strategies and Current Regulatory Environments

Yuwei Wang, California Health Sciences University, CA

**Title:** Structural and Biochemical Studies on Trimethoprim Resistant DHFR from *Bathoecium Pectinatum*

Dennis Wright, University of Connecticut School of Pharmacy, CT

**Title:** Reduce Cardiac Injury in Diabetes: GLP-1 Agonists, SGLT2 Inhibitors or Combination Therapy?

Zhao Li, University of Saint Joseph, CT

**Title:** Lesson Learnt from Recall of Valsartan and Other Angiotensin II Receptor Blocker Drugs Containing NDMA and NDEA Impurities

Ziyaar Rahman, Texas A&M University, TX

**Title:** Drug Resistance in Mycobacterium tuberculosis and Targeting the L,D-transpeptidase Enzyme

Kottayil Varughese, University of Arkansas for Medical Sciences, AR

**Title:** To be Announced

Tze Lai, Stanford University, CA

**Title:** To be Announced

Jamal Yagoobi, Worcester Polytechnic Institute, MA

**Title:** Oral Cavity Fluid as an Investigative Approach for Qualitative and Quantitative Evaluations of Drugs in Postmortem Subjects

Amy Reisinger, SteelFusion Clinical Toxicology Laboratory, LLC, PA

**Title:** Activity of Cefepime-Zidebactam against Multidrug-Resistant (MDR) Gram-Negative Pathogens

Sameh AbdelGhani, University of Louisville, KY

**Title:** To be Announced

Stephen Connelly, University of California, San Francisco, CA

**Title:** Inhibiting beta -Catenin by beta -Carboline-Type MDM2 Inhibitor for Pancreatic Cancer Therapy

Ruiwen Zhang, University of Houston, TX

**Title:** De novo Designed Antimicrobial Peptides to Treat Gram-negative Pathogens Resistant to Antibiotics of Last Resort: Removal of Toxicity to Human Red Blood Cells

Robert S. Hodges, University of Colorado, CO

**Title:** Bisubstrate Inhibitors to Target Histone Acetyltransferase 1

Y George Zheng, University of Georgia, GA

**Title:** A Case Study in Identifying Targeted Patients Population in Major Depressive Disorder by Enhanced Enrichment Design

Peter Zhang, Otsuka Pharmaceutical Development & Commercialization, Inc. , MD

**Title:** The Certainty in Consumers Willingness to Accept Pharmacist Provided Medication Therapy Management Services

Lawrence "LB" Brown, Chapman University, CA

**Title:** Coping with Missing Data in Phase III Pivotal Registration Trials: Tolvaptan in Subjects with Kidney Disease, A Case Study

John Ouyang, Otsuka American Pharmaceuticals, Inc., MD

**Title:** The Opioid Epidemic: Crisis and Solutions

Roger Crystal, Opiant Pharmaceuticals, CA

**Title:** Are There Limitations to Exercise Benefits in Peripheral Arterial Disease?

Robert Lust, East Carolina University, NC

**Title:** To be Announced

Ehsan Noor-Mohammadi, University of Oklahoma Health Sciences Center, OK

**Title:** Oral Films A Multi Faceted Drug Delivery System and Dosage Form

Bhaumik Patel, Cure Pharmaceuticals, CA

**Title:** BCG Vaccine Powder-laden and Dissolvable Microneedle Arrays for Lesion-free Vaccination

Mei X. Wu, Harvard Medical School, MA

**Title:** Evaluating Surrogate Marker Information using Censored Data

Layla Parast, RAND Corporation, CA

**Title:** The Essentiality of Drug Targets: An Analysis of Current Literature and Genomic Databases

Xiao Ji, GlaxoSmithKline, PA

**Title:** Associations of High-Dose Melphalan Pharmacokinetics and Outcomes in the Setting of a Randomized Cryotherapy Trial

Mitch Phelps, The Ohio State University, OH

**Title:** Characterization of Protein Aggregates, Silicone Oil Droplets, and Protein-Silicone Interactions Using Imaging Flow Cytometry

Christine Probst, Luminex Corporation, WA

**Title:** Clinical Quality Management System

Peter Schiemann, Widler & Schiemann LLC, NJ

**Title:** A Novel Small Molecule GDNF Receptor RET Agonist, BT13, Promotes Neurite Growth from Sensory Neurons in Vitro and Attenuates Experimental Neuropathy in the Rat

Yulia Sidorova, University of Helsinki, Finland

**Title:** siRNA-based Breast Cancer Therapy by Suppressing 17 $\beta$ -hydroxysteroid dehydrogenase Type 1 in an Optimized Xenograft Cell and Molecular Biology Model in vivo

Sheng-Xiang Lin, Laval University, Canada

**Title:** Effects of Antiepileptic Drugs on Spontaneous Recurrent Seizures in a Novel Model of Extended Hippocampal Kindling in Mice

Liang Zhang, Krembil Research Institute, Canada

**Title:** Affinity Guided Conjugation to Antibodies for Use in Positron Emission

T Kurt Gothelf, Aarhus University, Denmark

**Title:** Chlorophyllin Derivatives Mediated PDT: In Vitro and In Vivo Approaches for Targeted Therapy

Iman Gomaa, October University for Modern Sciences and Arts, Egypt

**Title:** Methyl 3-(3-(4-(2,4,4-Trimethylpentan-2-yl)phenoxy)-propanamido)benzoate as a Novel and Dual Malate Dehydrogenase (MDH) 1/2 Inhibitor Targeting Cancer Metabolism

Minkyung Kim, Dongguk University, South Korea

**Title:** To be Announced

Dicle Sener Okur, Istanbul University, Turkey

**Title:** Histamine Antagonists in the Kidney: May they Manage the Diabetic

Arianna Carolina Rosa, University of Turin, Italy

**Title:** A Novel Method using Nuclear Magnetic Resonance for Plasma Protein Binding Assessment in Drug Discovery Programs

Daniel Oscar Cicero, University of Rome Tor Vergata, Italy

**Title:** Molecular Modeling and Biological Studies Show that Some  $\mu$ -opioid Receptor Agonists Might Elicit Analgesia Acting as MMP-9 Inhibitors

Simone Ronsisvalle, University of Catania, Italy

**Title:** Sucrosomial Iron and Magnesium Absorption Studied by in vitro, ex-vivo and in vivo Models

Angela Fabiano, University of Pisa, Italy

**Title:** Activity of Silver Nanoparticles on Prokaryotic Cells and Bothrops jararacussu Snake Venom

Isadora Caruso Fontana Oliveira, University of Sorocaba, Brazil

**Title:** Uncovering New Compounds with Pharmaceutical Activity by Mining an Endophytic Actinomycete

Stefany Daniela Rodríguez Luna, Universidad Nacional Autónoma de México, Mexico

**Title:** Quorum Sensing Inhibitors as Pathoblockers for Pseudomonas aeruginosa Infections: A New Concept in Anti-Infective Drug Discovery

Martin Empting, Helmholtz-Institute f. Pharmaceutical research saarland (HIPS), Germany

**Title:** Structural Exploration of Different Binding Pockets Suitable to Affect Protein Kinase CK2 with Peptides and Small Molecules

Dirk Lindenblatt, University of Cologne, Germany

**Title:** AGR2-blocking Antibody 18A4 Inhibits Cellular Tumorigenic Properties Induced by Extracellular AGR2

Dawei Li, Shanghai Jiao Tong University, China

**Title:** To be Announced

Zhang Rui, Nanjing Stomatological Hospital, China

**Title:** To be Announced

Yang Yang, Fudan University, China

**Title:** Development of a Simple Method for Simultaneous Determination of Tazarotene and Betamethasone Dipropionate and their Metabolites using LC-MS Method and its Application to Dermatopharmacokinetic Study

Lingjun Li, Chinese Academy of Medical Sciences and Peking Union Medical College,

**Title:** Using Integrative Analysis of DNA Methylation and Gene Expression Data in Multiple Tissue Types to Prioritize Candidate Genes for Drug Development in Obesity

Qingjie Guo, Jilin University, China

**Title:** Effects of the Adipokinetic Hormone/Red Pigment-Concentrating Hormone (AKH/RPCH) Family of Peptides on MK-801-induced Schizophrenia Models

Oguz Mutlu, Kocaeli University Medical Faculty, Turkey

**Title:** To be Announced

Jong-Ki Kim, Catholic University of Daegu, South Korea

**Title:** Site Specific Chemical Conjugation of Antibodies by Using Affinity Peptide for the Development of Therapeutic Antibody Format

Yuji ITO, Kagoshima University, Japan

**Title:** To be Announced

Jufeng Xia, New Japan Medical Institute, Japan

**Title:** Substantiation of the Complex Use of Saprofel for the Development of Medicinal, Veterinary Medicinal and Cosmetic Products

Oksana Strus, Danylo Halytsky Lviv National Medical University, Ukraine

**Title:** Rapid Development of Nano-formulations from Screening to Production  
Combining Dual Centrifugation DELTAVITA Land Wet Agitator Bead Milling  
Dan Galvin, NETZSCH Premier Technologies, LLC., PA

**Title:** Synthetic Approach for the Development of Combination Therapy  
Formulations: Hybridization and Polymer-Drug Conjugates  
Blessing Aderibigbe, University of Fort Hare, South Africa

**Title:** Review on Pharmacology of Cisplatin: Clinical Use, Toxicity and Mechanism of  
Resistance of Cisplatin

Sara A.Aldossary, King Faisal University, Saudi Arabia

**Title:** The Antimicrobial Activity of Camel Lactoferrin Peptide  
Saleh Mohammed Saeed Alamri, Prince Sultan Military Medical City, Saudi Arabia

**Title:** Noncovalently Associated Novel Drugs as Novel Gene Delivery Vectors  
Nabil Alhakamy, King Abdulaziz University, Saudi Arabia

**Title:** Clinical Pharmacology Considerations of Bispecific Antibodies  
Ping Ji, Center of Drug Evaluation and Research, MD

**Title:** Interleukin 9 Involved in the Inhibition of Digestive Enzymes Activation by  
Mogrosides IIE in Acute Pancreatitis

Junfei Jin, Guilin Medical University, China

**Title:** Hexokinase 2 Depletion Confers Sensitization to Metformin and Inhibits  
Glycolysis in Lung Squamous Cell Carcinoma

Wenjuan Wu, Shanghai Jiao-Tong University School of Medicine, China

**Title:** CD155 Expression and its Prognostic Value in Postoperative Patients with Breast  
Cancer

Wei Zhao, Nanjing Medical University, China

\* This is a Tentative Program and may subject to Change