

**Day 1 November 02, 2017**

08:30-09:00 Registrations

09:00-09:15

**Opening Ceremony**
**Keynote Forum**

 09:15-09:55 **Title: Inhibition of protein tyrosine phosphatase-1B *in Vitro* and *in Vivo***
**Marvin W. Makinen**, The University of Chicago, USA

 09:55-10:35 **Title: Present and futuristic collaborative drug discovery informatics innovations**
**Luke S. Fisher**, Collaborative Drug Discovery, USA

**Group Photo**
**Networking & Refreshment Break 10:35-10:50**

 10:50-11:30 **Title: Development of somatostatin subtype 4 (sst4) agonists for potential use in Alzheimer's disease**
**Michael Crider**, Southern Illinois University, USA

 11:30-12:10 **Title: TBU...**
**Susan Ciotti**, Nan Bio corporation, USA

 12:10-12:50 **Title: It Takes Two to Tango—Structure/Function studies yield the dance of the Permease**
**H. Ronald Kaback**, University of California, Los Angeles, USA

**Lunch Break 12:50-13:35**
**Session Introduction**
**Session 1:**
**Drug Discovery and Development | Computer Aided Drug Design (CADD) | Medicinal Chemistry in Modern Drug Discovery | Drug Metabolism and Drug Designing**

 13:35-14:00 **Title: A non-conventional therapeutic approach to epilepsy in children**
**Mariana Babayeva**, Touro College of Pharmacy, USA

 14:00-14:25 **Title: Small molecule pro-neurotrophic therapeutic activity in murine models of Alzheimers disease**
**Stuart Maudsley**, Universiteit Antwerpen, Belgium

 14:25-14:50 **Title: Strategies for pathology-Activated generation of reelin trafficking modulators for altering late-onset Alzheimer's disease progression**
**Robert wenslow**, The University of Louisiana, USA

 14:50-15:15 **Title: Effect of manufacturing process and container closure configurations on critical quality attributes of generic parenteral drug product – A case study of pH**
**Swetha Kalluru**, Medefil Inc, USA

 15:15-15:40 **Title: Investigation of the biochemical mechanism of action of antioxidants in the prevention of cancer**
**Kissi Mudie Yesu**, Ethiopian Public Health Institute (EPHI), Ethiopia

 15:40-16:05 **Title: Nanostructured Lipid Carriers (NLC)-Based gel for the topical delivery of azelaic acid: Designing, characterization and *in-vitro* evaluation**
**Deepinder Singh Malik**, Punjabi University, India

**Networking & Refreshment Break 16:05-16:20**
**Session 2:**
**Biochemistry | Clinical & Structural Biochemistry | Glycoproteomics and Protein Expression | Gene Expression and Genetic Engineering | Amino Acids & RNA Biology**

 16:20-16:45 **Title: Regulation of the activity of the promoter of RNA-induced Silencing, C3PO**
**Suzanne Scarlata**, Worcester Polytechnic Institute, USA

 16:45-17:10 **Title: Physical forces cause HoxD gene cluster elongation**
**Spyros Papageorgiou**, National Center for Scientific Research-Demokritos, Greece

 17:10-17:35 **Title: Neuron-specific regulation of alternative pre-mRNA splicing**
**Sika Zheng**, University of California, Riverside, USA

 17:35-18:00 **Title: The new role of lipin1 in myogenic progenitor differentiation to muscle and adipose tissues**
**Hongmei Ren**, Wright State University, USA

**Panel Discussions**
**Day 2 November 03, 2017**
**Keynote Forum**

 09:00-09:40 **Title: Innovative patient-centric service model helps speed patient recruitment and increase retention in virtual and traditional study designs**
**Gail Adinamis**, Global care Clinical Trails, USA

 09:40-10:20 **Title: Unlocking the membrane proteome: New opportunities for diagnostics and therapeutics**
**Robert M. Stroud**, University of California at San Francisco, USA

 10:20-11:00 **Title: "Just right" process from drug discovery to development**
**Elizabeth Kwong**, Kwong Eureka Solutions, Canada

**Networking & Refreshment Break 11:00-11:20**

 11:20-11:50 **Title: New strategy for discovering biologically active small molecules**
**Makoto Ubukata**, Hokkaido University, Japan

**Session: 1**
**Metabolic & Animal Biochemistry | Molecular Biology | Novel Therapeutics in Drug Designing | Nanotechnology in Drug Discovery & Biochemistry**

 11:50-12:15 **Title: Hydralazine induces stress resistance and extends lifespan in *C. elegans* via Nrf2/SKN-1 pathway**
**Hamid Mirzaei**, University of Texas Southwestern Medical Center, USA

 12:15-12:40 **Title: Nanomaterial regulates the radiosensitivity in colorectal cancer cells**
**Shengfang Ge**, Shanghai JiaoTong University School of Medicine, China

 12:40-13:05 **Title: Molecular changes in penumbra after focal photothrombotic stroke in the rat cerebral cortex**
**Uzdensky A B**, Southern Federal University, Russia

**Video Presentations & Lunch Break 13:05-13:55**
**Title: Free radicals production in rat's gastric mucosa during chronic nitrate intoxication**
**Akimov O.Ye.**, Ukrainian Medical Stomatological Academy, Ukraine

**Title: Angiopoietin-like 4 as promoter of angiogenesis and vascular permeability**

Silvia Montaner, University of Maryland, USA

**Title: A new three-dimensional live cell model to screen SERM, based on real time cell growth and death indicators**

Swati Kaushik, RGCB, India

Session: 2

Pharmaceutical Research & Development | Clinical Trials & Regulatory Affairs | Drug Discovery in Preclinical Research | Novel Therapeutics in Drug Designing | Nanotechnology in Drug Discovery

**Title: The study on the effect of non-enzymatic glycation on the interaction of human serum albumin and sodium-fluorescein, via spectroscopic analyses**

13:55-14:20

Priyankar Sen, VIT University, India

**Title: In silico and in vivo assays of a borinic DOPA-Derivative for Parkinson Disease**

14:20-14:45

Marvin A. Soriano-Ursúa, Instituto Politécnico Nacional, Mexico

**Title: Hepatoprotective activity of aqueous seed extract of nigella sativa against highly active antiretroviral therapy induced hepatotoxicity in rats**

14:45-15:10

Kissi Mudie Yesu, Ethiopian Public Health Institute (EPHI), Ethiopia

**Title: Novel synthetic inhibitors of eosinophils with potential anti-asthmatic activity**

15:10-15:35

Tarek Aboul-Fadl, Assiut University, Egypt

**Title: Chemical composition, antioxidant and antibacterial activity of thuja orientalis essential oil**

15:35-16:00

Wajath Shah, University of Kashmir, India

**Networking & Refreshment Break 16:00-16:20**

**Title: Modified glycol chitosan nanocarriers carry hydrophobic materials into tumours**

16:20-16:45

Akhtar Aman, Shaheed Benazir Bhutto University, Pakistan

**Title: Rational design of guanylthiourea derivatives as antimalarial agents**

16:45-17:05

Shweta Bhagat, National Institute of Pharmaceutical Education and Research (NIPER), India

**Title: Anti-obesity activities of xanthorrhizol in 3T3-L1 adipocytes**

17:05-17:25

Seok Fang Oon, University of Putra Malaysia, Malaysia

**3 Speakers slots are available**

**Poster Presentations 17:25-18:00**

**Title: A comprehensive in silico analysis on the structural and functional impact of SNPs in the congenital heart defects associated with TBX5 gene: a molecular dynamic simulation approach**

P-01

Firoz Abdul Samad, Taibah University, Saudi Arabia

**Title: Present and future collaborative drug discovery informatics innovations**

P-02

Luke Fisher, Collaborative Drug Discovery, USA

**Title: In silico, in vitro and in vivo studies for analyzing the propranolol action on cholinergic and carbonic anhydrase systems**

P-03

Emily L. Castillo-García, Instituto Politécnico Nacional, Mexico

**Title: Nanomedicines: Tissue distribution and pharmacokinetics of hydrophobically modified glycol chitosan based etoposide formulation**

P-04

Akhtar Aman, Shaheed Benazir Bhutto University, Pakistan

**Title: Synthesis and cytotoxic activity screening of novel piperazinyl pyrimidine derivatives**

P-05

Meric Koksala, Yeditepe University, Turkey

**Panel Discussions**

**Award Closing Ceremony**

**Note: Tentative Program has been designed with the projected Speakers Names and Titles. Dates and timings in this program are subject to change**