

**DAY 1: Monday, August 22, 2016**

**Drug Discovery & Therapy World Congress 2016  
and  
Global Biotechnology Congress 2016**

*August 22<sup>nd</sup> – 25<sup>th</sup>, 2016, John B. Hynes Veterans Memorial Convention Center, Boston, MA, USA*  
[www.ddtwc.com](http://www.ddtwc.com) / [www.globalbiotechcongress.com](http://www.globalbiotechcongress.com)

TIME		INAUGURAL PROGRAM Location: Ball Room 'B' - Level 3		
8:30 - 8:35 am	Guests to be Seated			
8:35 - 8:45 am	Welcome Remarks by Chairmen Organizing Committee		Prof. Ferid Murad (Nobel Laureate) and Prof. Atta-ur-Rahman, <i>FRS</i>	
<b>Chairman: E. Negishi</b> <b>Co-Chairman: D.F. Klessig</b>		JOINT PLENARY SESSION Location: Ball Room 'B' - Level 3		
Time	Speakers	Titles		
8:45 - 9:35 am	<b>Charles N. Serhan</b> <i>PL-1</i>	<i>Elucidation of Novel Mediators in Resolution of Infectious Inflammation</i>		
9:35 - 10:25 am	<b>Allan L. Goldstein</b> <i>PL-2</i>	<i>Thymosins: From Discovery to Clinical Application</i>		
COFFEE & SOCIAL MIXER: 10:25 – 11:00 AM				
Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2	Lecture Hall 204 Level 2
Tracks	Nutraceutical Drug Discovery & Therapy Bioactive Lipids	Cardiovascular Drug Discovery & Therapy Translational Medicine Recent Advances in Patient Treatment and Care Systems Biology in Drug Design	Cancer Targeted Drug Delivery	Pharmaceutical Biotechnology Marine Biotechnology
	<b>Chairman: M. Micucci</b> <b>Co-Chairman: C. Wescott</b>	<b>Chairman: Y. Imanishi</b> <b>Co-Chairman: G.M. Saied</b>	<b>Chairman: O. Gerasimenko</b> <b>Co-Chairman: I. Maruyama</b>	<b>Chairman: S. Fedeles</b> <b>Co-Chairman: X. Wang</b>
11:00 - 11:20 am	<b>SL-3</b> Matteo Micucci <i>Nutraceuticals and Drug Discovery: A Network Based Approach to Hypertension Care</i>	11:00 - 11:35 am <b>KNL-4</b> William B. Weglicki <i>Lysosomotropic and Anti-oxidant Cardioprotective Properties of D- propranolol and 4 Hydroxy- Propranolol</i>	11:00 - 11:35 am <b>KNL-5</b> Rakesh Kumar <i>Biology and Therapeutic Targeting of PAKs in Human Cancer</i>	11:00 - 11:20 am <b>SL-6</b> Hugh Michael Davis <i>Bispecific Antibodies Finally Come of Age</i>

<p><b>11:20 - 11:40 am</b>  <b>SL- 7</b>  <b>Peter J. Aronson</b>  <i>Cases of Non-antibody-mediated Skin Disorders Associated with Hyperhomocysteinemia Treated with High Dose Folic Acid, Vitamins B6 and B12</i></p>	<p><b>11:35 - 12:10 pm</b>  <b>KNL-8</b>  <b>Gautam Chaudhuri</b>  <i><math>\gamma</math>-aminobutyric Acid - A Biologically Active Substance Synthesized and Released by the Endothelium: Physiological Implications</i></p>	<p><b>11:35 - 12:10 pm</b>  <b>KNL-9</b>  <b>Dimiter Dimitrov</b>  <i>Human Monoclonal Antibodies Against Cancer and Viruses</i></p>	<p><b>11:20 - 11:40 am</b>  <b>SL-10</b>  <b>Yan Jiang</b>  <i>The Research Mechanism of Anti-aging Bioactive Peptides with Food Source</i></p>
<p><b>11:40 - 12:00 noon</b>  <b>SL-11</b>  <b>Carlos H. Laino</b>  <i>Innovative Pharmacological Treatment for the Enhancement of Analgesia and Prevention of Morphine Side Effects Based on a New Pharmaceutical Composition Containing Morphine Combined with Omega-3 fatty acids</i></p>	<p><b>12:10 - 12:40 pm</b>  <b>IL-12</b>  <b>Yasuo Imanishi</b>  <i>Calcium-sensing Receptor Agonists on Hyperfunctioning Parathyroid Diseases – From Bench to Bedside, and Beyond</i></p>	<p><b>12:10 - 12:30 pm</b>  <b>SL-13</b>  <b>Radhika Poojari</b>  <i>One Pot Synthesized Polymeric Nanoformulation for Targeting Microtubules, Tyr Kinases and Imaging for Hepatoma Therapy</i></p>	<p><b>11:40 - 12:00 noon</b>  <b>SL-14</b>  <b>Yonghua Wang</b>  <i>Production and Function of Novel Bioactive Lipids - Diacylglycerols</i></p>
<p><b>12:00 - 12:20 pm</b>  <b>SL-15</b>  <b>Palidan Wushuer</b>  <i>Clinical Research of Natural Ingredient “DLK-2” on AD (Alzheimer’s Disease) Patients’ Cognitive Function and Sleep Curative Effect</i></p>	<p><b>12:40 - 1:00 pm</b>  <b>SL-16</b>  <b>Gamal M. Saied</b>  <i>Undermined by Altered Epidemiology: Changing Concepts in the Management of Bilharzial Urinary Bladder Carcinoma in Egyptian Population</i></p>	<p><b>12:30 - 12:50 pm</b>  <b>SL-17</b>  <b>Brenda H. Laster</b>  <i>A Novel Approach to Cancer Therapy: Intratumoral Telomerase Inhibition</i></p>	<p><b>12:00 - 12:20 pm</b>  <b>SL-18</b>  <b>Shasha Zheng</b>  <i>Phytonutrient and Bioactivity Analysis of Traditionally-used Native American Edible Plants</i></p>
<p><b>12:20 - 12:40 pm</b>  <b>SL-19</b>  <b>Francis H.C. Tsao</b>  <i>Effects of Systemic Inflammation on Serum Albumin Binding Capacities</i></p>	<p><b>1:00 - 1:20 pm</b>  <b>SL-20</b>  <b>A.I. Bhatti</b>  <i>On p53 Revival Using System-oriented Drug Dosage Design and Pulsation</i></p>	<p><b>12:50 - 1:10 pm</b>  <b>SL-21</b>  <b>Ayman M. Saleh</b>  <i>Novel Anticancer Compound [trifluoromethyl-substituted pyrazole N-nucleoside] Triggers Mitochondria-dependent Apoptosis and Inhibits FLT3 Activity to Induce Differentiation in Acute Myeloid Leukemia Cells</i></p>	<p><b>12:20 - 12:40 pm</b>  <b>SL-22</b>  <b>Yukiharu Ogawa</b>  <i>Impact of Biological Grain Attributes on In Vitro Digestibility of Cooked Rice</i></p>

12:40 - 1:00 pm <b>SL-23</b> Krishna Chinthalapudi <i>Lipid Induced Dimerization of Vinculin and Metavinculin Direct their Distinct Functions Affected in Cardiomyopathies</i>				12:40 - 1:00 pm <b>SL-24</b> Ziping Zhang <i>A Comparative Transcriptomics Analysis of Eyestalk in Both Gender of Green Mud Crab (Scylla paramamosain)</i>
<b>LUNCH BREAK: 1:00 - 2:00 PM</b>				
<b>Locations</b>	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2	Lecture Hall 204 Level 2
<b>Tracks</b>	Anti-Infectives	Medical Biotechnology	Cancer Targeted Drug Delivery	Pharmaceutical Research & Development
	Biologics	Hot Topics in Natural Products	Protein & Peptide Sciences	Pharmaceutical Biotechnology
		Hot Topics in Drug Targets		
	Medical Imaging			
<b>Chairman: Z. Radic</b> <b>Co-Chairman: P. Wushuer</b>		<b>Chairman: W. Weglicki</b> <b>Co-Chairman: A.S. Mustafa</b>		<b>Chairman: R. Kumar</b> <b>Co-Chairman: D. Dimitrov</b>
<b>Chairman: H.M. Davis</b> <b>Co-Chairman: G. Chaudhuri</b>				
2:00 - 2:20 pm <b>SL-25</b> Kamenna Vutova <i>Chemotherapy of Human Cystic Echinococcosis in Bulgaria</i>		2:00 - 2:35 pm <b>KNL-26</b> Daniel F. Klessig <i>Salicylic Acid and its Binding Proteins at the Crossroads of Plant and Human Health</i>		2:00 - 2:30 pm <b>IL-27</b> Daniela M. Dinulescu <i>Targeting Epigenetic Aberrations in Chemoresistant Ovarian Cancer</i>
2:00 - 2:20 pm <b>SL-28</b> D.V.G.L.N. Rao <i>Optical Fourier Phase Contrast Microscopy</i>				
2:20 - 2:40 pm <b>SL-29</b> Hidayat Hussain <i>Phenazines and Quinones: A Promising Scaffolds in the Fight Against Malaria</i>		2:35 - 3:10 pm <b>KNL-30</b> A. Keith Dunker <i>Intrinsically Disordered Protein and the Origins of Complex Multicellular Organisms</i>		2:30 - 2:50 pm <b>SL-31</b> I.G. Tkalia <i>Study of Antitumor Efficacy of Cisplatin in Combination with Hormonal Drugs for an Ascites Ovarian Cancer Model in Wistar Rats</i>
2:20 - 2:40 pm <b>SL-32</b> Teodoro Espinosa-Solares <i>Evolution of Antioxidants in Capulin Fruits (Prunus serotina Ehrh.) During Pre-Harvest and Harvest and the Development of Antioxidant Microcapsule</i>				
2:40 - 3:00 pm <b>SL-33</b> Tom Solmajer <i>Structure-based Discovery of Novel DNA Gyrase B Inhibitors</i>		3:10 - 3:30 pm <b>SL-34</b> Francois Sautel <i>Nature Open Library: An Open Innovation Initiative to Boost the Exploration of Natural Substances in Life Sciences</i>		2:50 - 3:20 pm <b>IL-35</b> Oleg Gerasimenko <i>The Mechanisms of Asparaginase-induced Pancreatitis</i>
2:40 - 3:00 pm <b>SL-36</b> Masaru Yoshikawa <i>The Role of MicroRNAs in Brain Function</i>				

<p><b>3:00 - 3:20 pm</b>  <b>SL-37</b>  <b>Mansour Tobaiqy</b>  <i>Assessment of Tigecycline Prescription and Patients Outcomes at Three Different Hospitals in Saudi Arabia</i></p>	<p><b>3:30 - 3:50 pm</b>  <b>SL-38</b>  <b>Santosh Kumar Singh</b>  <i>Antibacterial Activity of Endophytic Fungal Extract of Moringa oleifera</i></p>	<p><b>3:20 - 3:50 pm</b>  <b>IL-39</b>  <b>Ichiro Maruyama</b>  <i>Toward Mechanism-based Anti-cancer Drug Development</i></p>	<p><b>3:00 - 3:30 pm</b>  <b>IL-40</b>  <b>Sorin V. Fedeles</b>  <i>11beta-dichloro Inhibits Cyst Progression in an Adult ADPKD Model</i></p>
<p><b>3:20 - 3:40 pm</b>  <b>SL-41</b>  <b>Umayal Lakshmanan</b>  <i>Screening Strategies for Discovering Novel Tuberculosis Drugs</i></p>	<p><b>3:50 - 4:10 pm</b>  <b>SL-42</b>  <b>Qiang Fu</b>  <i>Mechanism of Euphorbia fischeriana Steud's Inhibition Effect on Malignant Melanoma</i></p>	<p><b>3:50 - 4:10 pm</b>  <b>SL-43</b>  <b>Shaohui Zhang</b>  <i>The Discovery of Small Molecule Peptide Drugs and their Potential Therapeutic and Preventive Effects</i></p>	<p><b>3:30 - 3:50 pm</b>  <b>SL-44</b>  <b>Wei-zheng Zhang</b>  <i>An Association of Metabolic Syndrome Constellation with Cellular Membrane Caveolae - A Possible Mechanism</i></p>
<p><b>3:40 - 4:10 pm</b>  <b>IL-45</b>  <b>Zoran Radić</b>  <b>(Cholinesterase and Kinase Based Therapies)</b>  <i>New Developments in Cholinesterase Structure-based Therapies of Organophosphate Intoxication</i></p>	<p><b>4:10 - 4:30 pm</b>  <b>SL-46</b>  <b>Elena I. Marusich</b>  <i>Discovery of Medical Application of Innovative Natural Product with Broad Adaptogenic Activity</i></p>	<p><b>4:10 - 4:30 pm</b>  <b>SL-47</b>  <b>Richard E. Cowart</b>  <i>Development of an Effective Protein Vaccine Against Gram Negative Infectious Agents</i></p>	<p><b>3:50 - 4:10 pm</b>  <b>SL-48</b>  <b>Besarion Lasareishvili</b>  <i>Production and Application of Phagelysates as New Generation of Immunomodulators</i></p>
<p><b>4:10 - 4:30 pm</b>  <b>SL-49</b>  <b>Jonathan Bohmann</b>  <i>Biostructure-guided Design of Novel and CNS-Bioavailable Oxime Reactivators of GF-inhibited AChE</i></p>	<p><b>4:30 - 4:50 pm</b>  <b>SL-50</b>  <b>Benjamart Chitsomboon</b>  <i>Ethno-pharmacological Properties of Fruit Extracts of Wan Khan Mak (Aglaonema simplex BL.)</i></p>	<p><b>4:30 - 4:50 pm</b>  <b>SL-51</b>  <b>Abayomi Ajayi</b>  <i>A Sensitive Immunoassay for the Detection of Low Molecular Weight Proteins and Peptides</i></p>	<p><b>4:10 - 4:30 pm</b>  <b>SL-52</b>  <b>Xin Wang</b>  <i>N-acetyl-serotonin and Melatonin Offer Neuroprotection in Experimental Models of Neurological Disease</i></p>
<p><b>4:30 - 4:50 pm</b>  <b>SL-53</b>  <b>Jonah Cheung</b>  <i>X-ray Crystal Structures of a Novel Human Acetylcholinesterase Catalytic Bioscavenging System for the Treatment of Organophosphate Poisoning</i></p>	<p><b>4:50 - 5:10 pm</b>  <b>SL-54</b>  <b>Eugenia Trushina</b>  <i>Partial Inhibition of Mitochondrial Function Averts the Development of Alzheimer's Disease</i></p>	<p><b>4:50 - 5:10 pm</b>  <b>SL-55</b>  <b>Christina I. Schroeder</b>  <i>Rational Design and Synthesis of a Novel Membrane Binding Nav1.8 Selective Inhibitor with In Vivo Activity in Pain Models</i></p>	<p><b>4:30 - 4:50 pm</b>  <b>SL-56</b>  <b>Xiao Yang</b>  <i>Function of TGF-β Regulated miRNAs in the Maintenance of Cardiac Homeostasis</i></p>

<p><b>4:50 - 5:10 pm</b>  <b>SL-57</b>  <b>Kamil Kuca</b>  <i>Design and Development of Tacrine-Based Multipotent Compounds in Alzheimer's Disease Therapy</i></p>	<p><b>5:10 - 5:30 pm</b>  <b>SL-58</b>  <b>Nina Entelis</b>  <i>Mutant Mitochondrial DNA as a Target for Oligonucleotide Drugs</i></p>	<p><b>5:10 - 5:30 pm</b>  <b>SL-59</b>  <b>Jieyu Ge</b>  <i>Immune-modulating Effects of Pre-treated Milk-derived Bioactive Peptide QEPV on LPS-induced Inflammation</i></p>	<p><b>4:50 - 5:10 pm</b>  <b>SL-60</b>  <b>Kozo Nagano</b>  <i>High Accuracy in Translation at the Decoding Site of Ribosome</i></p>
<p><b>5:10 - 5:30 pm</b>  <b>SL-61</b>  <b>Fredrik Ekström</b>  <i>Benefits of Integrating Medicinal Chemistry with Fundamental Science: A Case Study of Acetylcholinesterase</i></p>	<p><b>5:30 - 5:50 pm</b>  <b>SL-62</b>  <b>Tranum Kaur</b>  <i>Highlights of Medical Biotechnology Program at the University of Windsor, Canada</i></p>	<p><b>5:30 - 5:50 pm</b>  <b>SL-63</b>  <b>Anton A. Komar</b>  <i>Synonymous Codons Direct Co-translational Folding Towards Different Protein Conformations</i></p>	<p><b>5:10 - 5:30 pm</b>  <b>SL-64</b>  <b>Nayef Saleh Al Gharaibeh</b>  <i>Spontaneous Inactivation of the Swelling-Stimulated Potassium Flux in Rabbit and Human SS Red Cells</i></p>
<p><b>5:30 - 6:00 pm</b>  <b>IL-65</b>  <b>Charles Wescott</b>  <i>Making High-concentration Solutions of Protein Drugs Much Less Viscous</i></p>	<p><b>5:50 - 6:10 pm</b>  <b>SL-66</b>  <b>Abu Salim Mustafa</b>  <i>Biotechnological / Molecular Methods for Genotyping of Clinical Brucella Isolates Infecting Humans in Kuwait</i></p>	<p><b>5:50 - 6:10 pm</b>  <b>SL-67</b>  <b>Julia Gerasimenko</b>  <i>The Role of Pancreatic Stellate Cells in Pancreatic Disorders</i></p>	<p><b>5:30 - 5:50 pm</b>  <b>SL-68</b>  <b>Mamoru Shoji</b>  <i>Novel Therapeutic Intervention for Pancreatic Cancer Using Synthetic Curcumin Analog UBS109</i></p>
<p><b>6:00 - 6:20 pm</b>  <b>SL-69</b>  <b>Sabine Windhorst</b>  <i>ITPKA as a Target for Tumor Therapy</i></p>	<p><b>6:10 - 6:30 pm</b>  <b>SL-70</b>  <b>Peng Deng</b>  <i>Analysis of Medical Imaging Feasibility in the Presence of Body Fluids Using Markov Chains</i></p>	<p><b>6:10 - 6:30 pm</b>  <b>SL-71</b>  <b>Hu Guanlan</b>  <i>Morphology, Antioxidant and Antihypertensive Properties of <math>\alpha</math>-casein Treated with UV-C and Far-IR Radiations</i></p>	
<p><b>6:20 - 6:40 pm</b>  <b>SL-72</b>  <b>Mokhtar Mokhtari</b>  <i>The Effect of Meat Mango on the Levels of Gonadotropins, Sex Hormones and Spermatogenesis in Rat</i></p>			

**COFFEE BREAK: 6:20 - 7:00 PM**

# DAY 2: Tuesday, August 23, 2016

Chairman: C.N. Serhan Co-Chairman: R. Chaguturu		JOINT PLENARY SESSION Location: Ball Room 'B' - Level 3	
Time	Speakers	Titles	
8:30 - 9:20 am	<i>PL-73</i> <b>Ferid Murad</b> (Nobel Laureate)	<i>Application of Nitric Oxide Research to Drug Development</i>	
9:20 - 10:10 am	<i>PL-74</i> <b>Gregory L. Verdine</b>	<i>Cell-penetrating Mini-proteins</i>	
<b>COFFEE &amp; SOCIAL MIXER: 10:10 - 11:00 AM</b>			
Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2
Tracks	<b>Medical Imaging</b> Stereoselective Synthesis of Bioactive Compounds	<b>Structural Biology</b> Inflammation and Immunology	<b>Pharmaceutical Biotechnology</b>
Chairman: E. Jabbari Co-Chairman: M. Modaresi		Chairman: M.I. Choudhary Co-Chairman: A.K. Dunker	Chairman: B. Mannervik Co-Chairman: J.M. Munoz
11:00 - 11:20 am	<i>SL-75</i> <b>Petra Perner</b> <i>Microscopic Imaging of Living Cells, Automatic Tracking and the Description of the Kinetics of the Cells for Image Mining</i>	11:00 - 11:20 am <i>SL-76</i> <b>Mark Pitkin</b> <i>Floating Skeleton – A New System in the Body?</i>	11:00 - 11:30 am <i>IL-77</i> <b>Bengt Mannervik</b> <i>Biotechnical Potential of Engineered Enzymes from the GSTome</i>
11:20 - 11:40 am	<i>SL-78</i> <b>Seung-Cheol Lee</b> <i><sup>1</sup>H MRS Lactate Imaging of Non-Hodgkin's Lymphoma</i>	11:20 - 11:55 am <i>KNL-79</i> <b>Simon C. Robson</b> <i>Conditioning of Immune Responses by CD39 and Purinergic Signaling</i>	11:30 - 11:50 am <i>SL-80</i> <b>Kyungmoo Yea</b> <i>Agonist Antibody that Induces Human Malignant Cells to Kill One Another</i>
11:40 - 12:00 noon	<i>SL-81</i> <b>Yuichi Itto</b> <i>Infection Pathway of Virus in Living Cell in View of Diffusion Theory</i>	11:55 - 12:25 pm <i>IL- 82</i> <b>Anthony Palmieri</b> <i>Investigation of Antibody-drug Conjugates to Target Glucocorticoids to Immune Cells</i>	11:50 - 12:10 pm <i>SL-83</i> <b>Tyzoon K. Nomanbhoy</b> <i>Chemoproteomic Evaluation of Target Engagement by Kinase Inhibitors Predicts Cancer Cell Response</i>
12:00 - 12:20 pm	<i>SL-84</i> <b>Jong-Ki Kim</b> <i>Synchrotron Nanoscopy Imaging Study of Scalp Hair in Breast Cancer Patients and Healthy Individuals: Difference in Medulla Loss and Cortical Membrane Enhancements</i>	12:25 - 12:45 pm <i>SL-85</i> <b>Claire M. Condron</b> <i>Resolvin D1: A Bioactive Lipid Derivative as an Adjunct Perioperative Therapeutic Approach for the Treatment of Breast Cancer Metastases</i>	12:10 - 12:30 pm <i>SL-86</i> <b>Danyelle M. Townsend</b> <i>Redox Regulation within the ER Influences the Bone Marrow Niche and Drug Response</i>

<b>12:20 - 12:40 pm</b> <b>SL-86(a)</b> <b>Tomasz Soltysinski</b> <i>Advanced Approaches to Diagnose and Treat the Chronic Autoimmune Disorders: Multimodal Molecular Imaging</i>				<b>12:30 - 12:50 pm</b> <b>SL-88</b> <b>Abhishek Chatterjee</b> <i>Manipulations of a Human Virus with Precisely Incorporated Bioorthogonal Chemistry</i>	
<b>12:40 - 1:00 pm</b> <b>SL-87</b> <b>Uli Kazmaier</b> <i>Stereoselective Peptide Modifications – An Efficient Tool for Natural Product and Drug Synthesis</i>					
<b>LUNCH BREAK: 1:00 - 2:00 PM</b>					
<b>Locations</b>	<b>Lecture Hall 201 Level 2</b>	<b>Lecture Hall 202 Level 2</b>			<b>Lecture Hall 203 Level 2</b>
<b>Tracks</b>	<b>Drug Discovery in Preclinical Research</b>	<b>Industrial and Manufacturing</b>			<b>Pharmaceutical Biotechnology</b>
	<b>Drug Metabolism</b>	<b>Pharmaceutical Research &amp; Development</b>			<b>Plant &amp; Environment</b>
	<b>Cancer Targeted Drug Delivery</b>	<b>Business Development</b>			
		<b>Pulmonary Drug Discovery &amp; Therapy</b>			
<b>Chairman: P. Perner Co-Chairman: Y. Itto</b>		<b>Chairman: W. Zhang Co-Chairman: J.R. Gomez</b>		<b>Chairman: Q. Liu Co-Chairman: S. Kumar</b>	
<b>2:00 - 2:35 pm</b> <b>KNL-89</b> <b>Muhammad Iqbal Choudhary</b> <i>Medicinal Plants as Source of New Pharmacophores</i>		<b>2:00 - 2:20 pm</b> <b>SL-90</b> <b>Karin Schroën</b> <i>New Opportunities for Membrane Microfiltration by Effective Particle Migration, Membrane and Module Design</i>		<b>2:00 - 2:20 pm</b> <b>SL-91</b> <b>Guangdong Yang</b> <i>Hydrogen Sulfide Stimulates Adipogenesis in 3T3-L1 Preadipocytes</i>	
<b>2:35 - 2:55 pm</b> <b>SL-92</b> <b>Mehrdad Modaresi</b> <i>The Feasibility of Replacing Diazepam with Passion Flower's Extract for Reducing Anxiety</i>		<b>2:20 - 2:40 pm</b> <b>SL-93</b> <b>Isabel C. Escobar</b> <i>A New Technique to Fabricate High-performance Biologically Inspired Membranes for Water Treatment</i>		<b>2:20 - 2:50 pm</b> <b>IL-94</b> <b>Qing Liu</b> <i>Lipid Enhancement in Potato Tuber Through an Integrated Metabolic Engineering Approach</i>	

<p><b>2:55 - 3:15 pm</b>  <b>SL-95</b>  <b>Khalid Z. Matalka</b>  <i>Aminoacetylenic Isoindoline-1,3-dione Derivatives Modulate Cytokines in Favor of Regulating Inflammatory-based Diseases</i></p>	<p><b>2:40 - 3:00 pm</b>  <b>SL-96</b>  <b>Simona Liguori</b>  <i>An Outlook on Biodiesel Production from Microalgae by Bio-membrane Technology: Opportunities and Challenges</i></p>	<p><b>2:50 - 3:10 pm</b>  <b>SL-97</b>  <b>Ramachandran Srinivasan</b>  <i>Functional Genomics and Transgenic Improvement of Environmental Stress Tolerance in Rice</i></p>
<p><b>3:15 - 3:35 pm</b>  <b>SL-98</b>  <b>Abraham Nudelman</b>  <i>Novel Multi-functional Drugs for the Treatment of Inflammatory Diseases</i></p>	<p><b>3:00 - 3:30 pm</b>  <b>IL-99</b>  <b>Rathnam Chaguturu</b>  <i>Enabling Future Pharma: Drug Repurposing Efforts Go Mainstream</i></p>	<p><b>3:10 - 3:30 pm</b>  <b>SL-100</b>  <b>Zhaohua Peng</b>  <i>Protein Lysine Acetylation and its Role in Storage Nutrient Regulation in Rice (<i>Oryza sativa</i>)</i></p>
<p><b>3:35 - 3:55 pm</b>  <b>SL-101</b>  <b>Dalia H. Soliman</b>  <i>Design, Synthesis and Anticancer Evaluation of Novel Pyrazole and Pyrazole[1,5-a] Pyrimidine Derivatives</i></p>	<p><b>3:30 - 3:50 pm</b>  <b>SL-102</b>  <b>Anuradha Roy</b>  <i>Holistic Drug Targeting</i></p>	<p><b>3:30 - 3:50 pm</b>  <b>SL-103</b>  <b>Jie Yang</b>  <i>Hairpin RNA Targeting Multiple Viral Genes Confers Strong Resistance to Rice Black-streaked Dwarf Virus</i></p>
<p><b>3:55 - 4:25 pm</b>  <b>IL-104</b>  <b>Esmail Jabbari</b>  <i>Localized and Timed Delivery of Multiple Morphogens Couples Vascularization and Osteogenesis in Skeletal Tissue Regeneration</i></p>	<p><b>3:50 - 4:10 pm</b>  <b>SL-105</b>  <b>Karine Fabio</b>  <i>Development of Heat-stable Oxytocin Formulations for Oral Inhalation</i></p>	<p><b>3:50 - 4:10 pm</b>  <b>SL-106</b>  <b>Sandeep Kumar</b>  <i>A Trait Stacking System in Plants via Intra Genomic Homologous Recombination and Nuclease-mediated Cassette Exchange</i></p>
<p><b>4:25 - 4:45 pm</b>  <b>SL-107</b>  <b>Vladimir V. Dynnik</b>  <i>Multi Target Treatment of Hepatic Encephalopathy, Possible Mechanisms of Synergistic Action of the Substances Incorporated into Complex Formulations</i></p>	<p><b>4:10 - 4:30 pm</b>  <b>SL-108</b>  <b>Grant Alexander Wilson</b>  <i>The Value of GM2: Exploring Consumer Willingness to Pay for GM2 Food</i></p>	<p><b>4:10 - 4:30 pm</b>  <b>SL-109</b>  <b>Maiqian Nie</b>  <i>Immobilization of Biofilms of <i>Pseudomonas aeruginosa</i> NY3 and their Application in the Removal of Hydrocarbons from Highly Concentrated Oil-containing Wastewater on the Laboratory Scale</i></p>
<p><b>4:45 - 5:05 pm</b>  <b>SL-110</b>  <b>Peter Buchwald</b>  <i>Building Metabolism in the Drug Structure: Recent Developments in the Soft Drug Approach</i></p>	<p><b>4:30 - 4:50 pm</b>  <b>SL-111</b>  <b>Stevan P. Tofovic</b>  <i>Estradiol Metabolism: Pharmacological Target in Pulmonary Hypertension</i></p>	<p><b>4:30 - 4:50 pm</b>  <b>SL-112</b>  <b>Vinod Kumar</b>  <i>Transgenic Plants for Remediating Oil Contaminated Soil</i></p>



<p><b>5:05 - 5:25 pm</b>  <b>SL-113</b>  <b>Georg Voelcker</b>  <i>Enzyme Catalyzed Decomposition of 4-hydroxycyclophosphamide: The Key for Understanding the High Cancer Selectivity of Oxazaphosphorine Cytostatics</i></p>		<p><b>4:50 - 5:10 pm</b>  <b>SL-114</b>  <b>Fadila Ayesh Al-Salameen</b>  <i>Genetic Diversity of Rhanterium epapposum and Haloxylon salicornicum, the Native Plants of Kuwait</i></p>
<p><b>5:25 - 5:45 pm</b>  <b>SL-115</b>  <b>Amitava Chatterjee</b>  <i>Activated Salivary MMP-2: A Potential Breast Cancer Marker</i></p>		
<p><b>COFFEE BREAK: 5:30 - 6:00 PM</b></p>		

# DAY 3: Wednesday, August 24, 2016

<b>Chairman: B. Mannervik</b> <b>Co-Chairman: S. Altman</b>	<b>JOINT PLENARY SESSION</b> <b>Location: Ball Room 'B' - Level 3</b>
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Time	Speakers	Titles
8:30 - 9:20 am	<b>PL-116</b> <b>Jack W. Szostak</b> (Nobel Laureate)	<i>Discovery of Highly Modified Macrocyclic Peptides Through mRNA-display</i>
9:20 - 10:10 am	<b>PL-117</b> <b>Ei-ichi Negishi</b> (Nobel Laureate)	<i>Transition Metal Catalysis for a Sustainable and Prosperous World</i>
10:10 - 11:00 am	<b>PL-118</b> <b>Debomoy K. Lahiri</b>	<i>Epigenetics of Alzheimer's Disease and Dementia: Potential Drug Targets</i>

## POSTER SESSION & LUNCH BREAK: 11:00 - 1:00 PM

Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2	Lecture Hall 204 Level 2
<b>Tracks</b>	<b>Women's Health Drug Discovery &amp; Therapy</b> <b>Genomics</b> <b>Regenerative Medicine</b> <b>Proteomics &amp; Bioinformatics</b> <b>Drug Delivery &amp; Targeting</b> <b>Innovative Drug Discovery and Nanotechnology</b>	<b>CNS Drug Discovery &amp; Therapy</b> <i>In-silico</i> Drug Design and <i>In-silico</i> Screening <b>Inflammation and Immunology</b>	<b>Enabling Technologies</b> <b>Plant &amp; Environment</b> <b>Food Biotechnology</b>	<b>Nanobiotechnology</b> <b>Medical Biotechnology</b> <b>Pharmaceutical Biotechnology</b>
<b>Chairman: Oleg Reva</b> <b>Co-Chairman: A. Chapel</b>	<b>Chairman: D.K. Lahiri</b> <b>Co-Chairman: N.H. Greig</b>	<b>Chairman: S. Rosenblum</b> <b>Co-Chairman: H. Subramanian</b>	<b>Chairman: G. Waterhouse</b> <b>Co-Chairman: D. Sun-Waterhouse</b>	
1:00 - 1:30 pm	<b>IL-119</b> <b>Raouf A. Khalil</b> <i>Placental Growth Factor Restores the Angiogenic Balance and Improves the Endothelial No-CGMP Relaxation Pathway in Hypertension-in-Pregnancy</i>	<b>IL-120</b> <b>Nigel H. Greig</b> <i>Evaluation of a Sustained Release Form of the Glucagon-like Peptide-1 Receptor Agonist Exendin-4 (PT302) in a Mouse Model of Mild Traumatic Brain Injury</i>	<b>IL-121</b> <b>Sara Rosenblum</b> <i>Toward a Joint Action: Linking Computerized Biomarkers of Real Human Function to Drug Influence Detection – Why and How?</i>	<b>IL-122</b> <b>Geoffrey Waterhouse</b> <i>3-Dimensionally Ordered Macroporous Thin Films for Food Adulterant Detection, Amperometric Glucose Biosensing and Controlled Drug Delivery</i>

<p><b>1:30 - 1:50 pm</b>  <b>SL-123</b>  <b>Subhra Mandal</b>  <i>Nanodrug-Delivery System: Helping Drugs to Reach their Targeted Disease Destination</i></p>	<p><b>1:30 - 2:00 pm</b>  <b>IL-124</b>  <b>Debomoy K. Lahiri</b>  <i>Novel MicroRNAs in Alzheimer's Disease: Dimmer Switches for Cellular Homeostasis</i></p>	<p><b>1:30 - 2:00 pm</b>  <b>IL-125</b>  <b>Hariharan Subramanian</b>  <i>PWS Nanocytology to Study Nuclear Nanoarchitecture</i></p>	<p><b>1:30 - 2:00 pm</b>  <b>IL-126</b>  <b>Javier Reguera Gomez</b>  <i>Patchy Nanoparticles: Properties and Characterization</i></p>
<p><b>1:50 - 2:10 pm</b>  <b>SL-127</b>  <b>Oleg N. Reva</b>  <i>Constraints of Drug Resistance in Mycobacterium tuberculosis – Prospects for Pharmacological Reversion of Antibiotic Susceptibility</i></p>	<p><b>2:00 - 2:20 pm</b>  <b>SL-128</b>  <b>Benjamin Wolozin</b>  <i>RNA Binding Proteins Interact with Tau to Modulate Pathology and Disease Progression</i></p>	<p><b>2:00 - 2:20 pm</b>  <b>SL-129</b>  <b>Timothy J. Smith</b>  <i>Compound Series and Favorites: A Medicinal Chemistry Story Telling Tool at Novartis</i></p>	<p><b>2:00 - 2:30 pm</b>  <b>IL-130</b>  <b>Elmira Arab-Tehrany</b>  <i>Nanotechnology in Drug Delivery: From Discovery to Applications</i></p>
<p><b>2:10 - 2:30 pm</b>  <b>SL-131</b>  <b>Beata Bielinska</b>  <i>Three-dimensional Interactions of Genetic Variant rs1165505 at the BRCA1/NBR2 Bi-directional Promoter in Normal and Cancer Human Cells</i></p>	<p><b>2:20 - 2:40 pm</b>  <b>SL-132</b>  <b>Takanori Kanazawa</b>  <i>Nose-to-brain Delivery of Drug/siRNA with Cell-penetrating Peptide Modified Polymer Micelles</i></p>	<p><b>2:20 - 2:40 pm</b>  <b>SL-133</b>  <b>L.M. Almassalha</b>  <i>Live Cell Partial Wave Spectroscopic Microscopy: Real-time Imaging of the Cellular Nano-architecture</i></p>	<p><b>2:30 - 2:50 pm</b>  <b>SL-134</b>  <b>Aitziber L. Cortajarena</b>  <i>Protein Engineering for Functional Nanostructures and Biomaterials</i></p>
<p><b>2:30 - 3:05 pm</b>  <b>KNL-135</b>  <b>Ali Khademhosseini</b>  <i>Nano-and Microfabricated Hydrogels for Regenerative Engineering</i></p>	<p><b>2:40 - 3:00 pm</b>  <b>SL-136</b>  <b>Jack T. Rogers</b>  <i>Cooperative RNA Modulation of Neurodegenerative Disease Transcripts to Improve Iron Homeostasis while also Providing Anti-amyloid Efficacy</i></p>	<p><b>2:40 - 3:00 pm</b>  <b>SL-137</b>  <b>Greta M. Bauer</b>  <i>Chromatin Protective Therapies: Systems Therapeutics for Increased Chemotherapeutic Efficacy</i></p>	<p><b>2:50 - 3:10 pm</b>  <b>SL-138</b>  <b>Chunhui Wu</b>  <i>Prospect of Engineered Graphene-based Theragnostic Nanoformulation for Cancer Precise Treatment</i></p>
<p><b>3:05 - 3:35 pm</b>  <b>IL-139</b>  <b>Alain Chapel</b>  <i>Stem Cell Therapy for the Treatment of Severe Tissue Damage After Radiation Exposure</i></p>	<p><b>3:00 - 3:20 pm</b>  <b>SL-140</b>  <b>Scott E. Counts</b>  <i>Evidence for a Neuroprotective MicroRNA Pathway in Amnesic Mild Cognitive Impairment</i></p>	<p><b>3:00 - 3:20 pm</b>  <b>SL-141</b>  <b>Cairui Lu</b>  <i>Development of Chromosome-specific Markers for Allotetraploid Cotton</i></p>	<p><b>3:10 - 3:30 pm</b>  <b>SL-142</b>  <b>Hani Abdullah Anber Alhadrami</b>  <i>Nanocoatings on Nanofibers for Strain Specific Antibacterial Activity</i></p>

<p><b>3:35 - 3:55 pm</b>  <b>SL-143</b>  <b>Ann-Sofie Schreurs</b>  <i>Novel Radiomitigator for Radiation-induced Bone Loss</i></p>	<p><b>3:20 - 3:40 pm</b>  <b>SL-144</b>  <b>Sushil Sharma</b>  <i>Charnol Body as a Novel Biomarker of Zika Virus Induced Microcephaly</i></p>	<p><b>3:20 - 3:40 pm</b>  <b>SL-145</b>  <b>Wu Jianyong</b>  <i>Molecular Marker Assisted Breeding of Three Lines Hybrid in Cytoplasmic Male Sterility Upland Cotton</i></p>	<p><b>3:30 - 3:50 pm</b>  <b>SL-146</b>  <b>Renyun Zhang</b>  <i>Real Time Monitoring of Drug Release of Carbon Nanomaterials</i></p>
<p><b>3:55 - 4:15 pm</b>  <b>SL-147</b>  <b>Esmail Jabbari</b>  <i>Developmentally Inspired Approach to Tissue Regeneration of Articular Cartilage</i></p>	<p><b>3:40 - 4:00 pm</b>  <b>SL-148</b>  <b>Xudong Huang</b>  <i>A Novel Molecular Imaging Probe with a Dual Near-Infrared Fluorochrome for Alzheimer's Disease-related Enzymes-BACE1 and Cathepsin D</i></p>	<p><b>3:40 - 4:00 pm</b>  <b>SL-149</b>  <b>Zuoren Yang</b>  <i>PAGODA1 Impacts Plant Architecture by Regulating BR</i></p>	<p><b>3:50 - 4:10 pm</b>  <b>SL-150</b>  <b>Mária Csete</b>  <i>Plasmon Enhanced Biosensing</i></p>
<p><b>4:15 - 4:35 pm</b>  <b>SL- 151</b>  <b>Ashok K. Varma</b>  <i>Structural Based Approach to Evaluate MAPK Pathways: A Novel Target for Drug Discovery</i></p>	<p><b>4:00 - 4:20 pm</b>  <b>SL-152</b>  <b>Zenglin Cai</b>  <i>The Potential Targets of Chinese Medicines in the Treatment of Parkinson's Disease</i></p>	<p><b>4:00 - 4:20 pm</b>  <b>SL-153</b>  <b>Guoli Song</b>  <i>Genome Sequencing of Cotton and Primary Functional Analysis of Gland Related Genes</i></p>	<p><b>4:10 - 4:30 pm</b>  <b>SL-154</b>  <b>Juan Manuel Muñoz</b>  <i>Clinical Characterization and Frequency of Observation of Hereditary Retinal Diseases. Multicentric Study in Panama. 2012-2013</i></p>
<p><b>4:35 - 4:55 pm</b>  <b>SL-155</b>  <b>Miko Yamada</b>  <i>Elongated Silica Microparticles for Enhanced Delivery of Tailorable Nanoemulsion as a Potential Platform for Transdermal Drug Delivery</i></p>	<p><b>4:20 - 4:50 pm</b>  <b>IL-156</b>  <b>Zaneta Nikolovska-Coleska</b>  <i>Targeting Challenging Protein-Protein and Protein-DNA Interactions: Discovery of Mcl-1 and Pax2 Inhibitors Using Structure-based Virtual Screening</i></p>	<p><b>4:20 - 4:40 pm</b>  <b>SL-157</b>  <b>George F. Antonious</b>  <i>Dissipation, Half-Lives, and Mass Spectrometric Identification of Chlorpyrifos and its Two Metabolites on Field-grown Collard and Kale</i></p>	<p><b>4:30 - 4:50 pm</b>  <b>SL-158</b>  <b>Marcel Martin</b>  <i>Building on Expertise</i></p>
<p><b>4:55 - 5:15 pm</b>  <b>SL-159</b>  <b>Nhung Dang</b>  <i>Coating Silica Particles on Elongated Microparticles to Enhance Skin Delivery</i></p>	<p><b>4:50 - 5:10 pm</b>  <b>SL-160</b>  <b>Qiaolin Deng</b>  <i>Molecular Modeling Aided Design to Mitigate hERG Liability</i></p>	<p><b>4:40 - 5:00 pm</b>  <b>SL-161</b>  <b>Chek Zaini Hassan</b>  <i>The Effects of Fat Substitution Using Palm Stearin on the Colorimetric and Sensorial Characteristics of Cake</i></p>	<p><b>4:50 - 5:20 pm</b>  <b>IL-162</b>  <b>Dongxiao Sun-Waterhouse</b>  <i>Achieving Wellness Through Biotechnology Solutions: The Balance of Efficacy and Palatability</i></p>

<p><b>5:15 - 5:35 pm</b>  <b>SL-163</b>  <b>Tarl Prow</b>  <i>Quick Dissolving or Long Lasting  Elongated Microparticles for Enhancing  Topical Drug Delivery in Small or Large  Areas</i></p>	<p><b>5:10 - 5:30 pm</b>  <b>SL-164</b>  <b>Guacyara Da Motta</b>  <i>Modulation of Plasma  Kallikrein/kinin System: The Role of  Heparan Sulfate Proteoglycans</i></p>	<p><b>5:00 - 5:20 pm</b>  <b>SL-164(a)</b>  <b>Aldo Jesorka</b>  <i>The Biopen – A  Multifunctional Pipette for  Single Cell Analysis</i></p>	<p><b>5:20 - 5:40 pm</b>  <b>SL-165</b>  <b>Chongyi Chen</b>  <i>Precision Genomics at the Single  Molecule Level</i></p>
<p><b>5:35 - 6:05 pm</b>  <b>IL-166</b>  <b>Gregory J. Kowalski</b>  <i>Microscale Calorimetric Device for  Determining Reaction Parameters</i></p>	<p><b>5:30 - 5:50 pm</b>  <b>SL-167</b>  <b>Patricia G. de Oliveira</b>  <i>Anti-inflammatory and  Immunomodulatory Properties of  MP-012: a Compound Isolated from  Rhodophiala bifida</i></p>		
<b>COFFEE BREAK: 5:30 - 6:30 PM</b>			

# DAY 4: Thursday, August 25, 2016

Chairman: D.K. Lahiri Co-Chairman: G.L. Verdine		JOINT PLENARY SESSION Location: Ball Room 'B' - Level 3	
Time	Speakers	Titles	
8:30 - 9:20 am	<i>PL-168</i> <b>Sidney Altman</b> (Nobel Laureate)	<i>Novel Drug Design</i>	
9:20 - 10:10 am	<i>PL-169</i> <b>Muhammad Iqbal Choudhary</b>	<i>Biocatalysis and Drug Repositioning – A Way Forward for Cost Effective Lead Discovery</i>	
10:10 - 11:00 am	<i>PL-170</i> <b>Jeffrey Skolnick</b>	<i>Entprise: An Algorithm for Predicting Human Disease-associated Amino Acid Substitutions from Sequence Entropy and Predicted Protein Structures</i>	
POSTER SESSION & LUNCH BREAK: 11:00 – 1:00 PM			
Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2
Tracks	Hot Topics in Medicinal Chemistry Green Techniques for Medicinal Chemistry Chemistry Process Chemistry & Drug Manufacturing	Academic CRO/Industrial Collaborations in Drug Discovery Hot Topics in HIV Research High Throughput Screening & Laboratory Automation <i>In-silico</i> Drug Design and <i>In-silico</i> Screening Biologics CNS Drug Discovery & Therapy	Industrial and Manufacturing
Chairman: T.M.V.D.P. Melo Co-Chairman: W. Zhang		Chairman: W.E. Fahl Co-Chairman: M.P. Catalani	Chairman: L. Giorno Co-Chairman: G. Baier
1:00 - 1:20 pm	<i>SL-171</i> Teresa M.V.D. Pinho e Melo <i>Novel Fused Ring Chlorins as Efficient Theranostic Agents for Cancer</i>	1:00 - 1:20 pm <i>SL-172</i> Sergey Suchkov <i>An Updated Model of Pharmacy and Translational Medicine Education to Grow Drug Designers of the Newest Generation</i>	1:00 - 1:30 pm <i>IL-173</i> Lidietta Giorno <i>Membrane-assisted Processes for Production and Separation in Biotechnology</i>
1:20 - 1:40 pm	<i>SL-174</i> Waleed M. Hussein <i>Mercapto-Acryloyl and Azide-Alkyne Conjugations to Incorporate Lipid Adjuvants into Multiantigenic Anticancer Vaccines</i>	1:20 - 1:40 pm <i>SL-175</i> Yan Li <i>ABC Transporters as Therapeutic Targets to Reverse Multidrug Resistance: Promise and Pitfalls</i>	1:30 - 1:50 pm <i>SL-176</i> Marek Bobák <i>Application of Electromembrane Separation Processes in Biotech Manufacturing</i>

<p><b>1:40 - 2:00 pm</b>  <b>SL-177</b>  <b>Amala Kompella</b>  <i>Chronic Myelogenous Leukemia – Combating T315I Mutation</i></p>	<p><b>1:40 - 2:00 pm</b>  <b>SL-178</b>  <b>Maria Pia Catalani</b>  <i>Diastereoselective Synthesis of Novel NK1 Receptor Antagonists</i></p>	<p><b>1:50 - 2:10 pm</b>  <b>SL-179</b>  <b>Grit Baier</b>  <i>Formulation of Industrial Relevant Enzymes</i></p>
<p><b>2:00 - 2:20 pm</b>  <b>SL-180</b>  <b>Shaon Ray Chaudhuri</b>  <i>Rapid Detection of In Vivo Sensitivity of a Microorganism to an Antimicrobial Agent</i></p>	<p><b>2:00 - 2:20 pm</b>  <b>SL-181</b>  <b>Xinyong Liu</b>  <i>Discovery of Novel Dapy-IAS Hybrid Derivatives as Potential HIV-1 Inhibitors</i></p>	<p><b>2:10 - 2:30 pm</b>  <b>SL-182</b>  <b>Vinod Kumar</b>  <i>Production of 1,3-propanediol from Glycerol by Mutant Klebsiella pneumoniae J2B Devoid of 2,3-butanediol Formation</i></p>
<p><b>2:20 - 2:55 pm</b>  <b>KNL-183</b>  <b>Wei Zhang</b>  <i>Multicomponent Reaction-based Synthesis of New BET Bromodomain Inhibitors</i></p>	<p><b>2:20 - 2:40 pm</b>  <b>SL-184</b>  <b>M. Olugbenga Ajulo</b>  <i>Ocular Haemodynamic Parameters of Asymptomatic HAART-experienced HIV-infected Under-five Children</i></p>	<p><b>2:30 - 2:50 pm</b>  <b>SL-185</b>  <b>Parikshit Rameshwar Sawdekar</b>  <i>Effect of Presence of Divalent Ions, pH on Fouling of NF Membranes in Co-relation with Demineralization and Lactose Loss in Dairy Waste Samples</i></p>
<p><b>2:55 - 3:15 pm</b>  <b>SL-186</b>  <b>Prasenjit Ghosh</b>  <i>Probing the Influence of Chirality on Anticancer Activities of Enantiomeric Pairs of Palladium N-Heterocyclic Carbene Complexes</i></p>	<p><b>2:40 - 3:00 pm</b>  <b>SL-187</b>  <b>Ravindra Peravali</b>  <i>Automated High-throughput and High-Content Screening Platforms for Drug Discovery and Testing Using Zebrafish</i></p>	<p><b>2:50 - 3:10 pm</b>  <b>SL-188</b>  <b>Tetsuo Yamada</b>  <i>Integration of Closed-loop and Low-carbon Supply Chains: Modeling, Satisficing and Potential Biotechnology for Sustainability</i></p>
<p><b>3:15 - 3:45 pm</b>  <b>IL-189</b>  <b>William E. Fahl</b>  <i>A New Aminothioli Radioprotector to Suppress Radiation-induced DNA Damage and Cancer</i></p>	<p><b>3:00 - 3:20 pm</b>  <b>SL-190</b>  <b>Tong Chen</b>  <i>Variable Selection in Near Infrared Spectroscopy for the Real-time Quantitative Analysis in Pharmaceutical Technology</i></p>	<p><b>3:10 - 3:30 pm</b>  <b>SL-191</b>  <b>Aya Ishigaki</b>  <i>Multi-objective Analysis for Closed-loop Supply Chain of Environmental Consideration Type Product</i></p>
	<p><b>3:20 - 3:40 pm</b>  <b>SL-192</b>  <b>Muhammad Younus Rana</b>  <i>Effect of Azadirachta indica (Neem Leaves) on Hematological Parameters &amp; Serum Biochemical Profile in Commercial Broilers Chickens</i></p>	<p><b>3:30 - 3:50 pm</b>  <b>SL-193</b>  <b>Nigel J. Smart</b>  <i>Improvement in Biological Pharmaceutical Processes Through the Implementation of an Integrated Process Excellence Driven Lean Strategy</i></p>

**3:40 - 4:00 pm**  
**SL-194**  
**Ramón Cacabelos**  
*E-PodoFavalin-15999: Biological Properties and Pharmacogenetics in Parkinson's Disease*

**3:50 - 4:10 pm**  
**SL-195**  
**Irfana Iqbal**  
*Characterization of Geobacillus stearothermophilus Protease Gene Suitable for Detergent Industry*

**4:10 - 4:30 pm**  
**SL-196**  
**Muhammad Nauman Aftab**  
*Optimization of Saccharification Potential for Plant Biomass of Recombinant Hemicellulases from Bacillus licheniformis ATCC 14580*

**COFFEE BREAK: 4:20 - 5:00 PM**

**CASH PRIZE ANNOUNCEMENT FOR THE BEST POSTER AT 5:00 PM**  
**(Poster Presenter's Presence is Essential to Receive the Cash Award and Certificate of Merit)**

*PL: Plenary Lecture ::: KNL: Key Note Lecture ::: IL: Invited Lecture ::: SL: Session Lecture*