

DAY 1: Monday, June 16, 2014

Drug Discovery & Therapy World Congress 2014

and

Global Biotechnology Congress 2014

June 16th – 19th, 2014, John B. Hynes Memorial Convention Center, Boston, USA

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TIME		INAUGURAL PROGRAM	
8:45 - 8:55 am	Guests to be Seated		
8:55 - 9:00 am	Welcome Remarks	Atta-ur-Rahman, <i>FRS</i> , Chairman Organizing Committee	
JOINT PLENARY SESSION			
Time	Chairman: W. Weglicki Co-Chairman: E.J. Yunis	Speaker	Title
9:00 - 9:45 am	Location: Ball Room 'B' - Level 3	Allan L. Goldstein <i>PL-1</i>	<i>Advances in Clinical Applications of Synthetic Thymosins in Treating Life-Threatening Diseases</i>
9:45 - 9:55 am			<i>Question / Answer Session</i>
9:55 - 10:40 am	Location: Ball Room 'B' - Level 3	Antonio M. Gotto, Jr. <i>PL-2</i>	<i>Lipid-Modifying Therapies and Cardiovascular Prevention: 2014 Update</i>
10:40 - 10:50 am			<i>Question / Answer Session</i>
10:50 - 11:35 am	Location: Ball Room 'B' - Level 3	Debomoy K. Lahiri <i>PL-3</i>	<i>Important Roles of MicroRNA in Neurodegenerative Diseases</i>
11:35 - 11:45 am			<i>Question / Answer Session</i>

LUNCH BREAK: 12:00 – 1:00 pm

Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2	Lecture Hall 204 Level 2
Tracks	CNS Drug Discovery & Therapy	Drug Delivery & Targeting	Cancer Targeted Drug Delivery	Medical Biotechnology
	Chairman: U. Rudolph Co-Chairman: M. Shamloo	Chairman: J. Le Goaster Co-Chairman: A.E.B. Yassin	Chairman: M. Mansour Co-Chairman: K. Sawant	Chairman: G.R. Silva Co-Chairman: J. Ouyang
1:00 - 1:20 pm	<i>SL-4</i> Guey-Jen Lee-Chen <i>Novel Drug Screening Targeting Amyloid-β Aggregation for Alzheimer's Disease</i>	1:00 - 1:20 pm <i>SL-5</i> Jack W. Singer <i>Paclitaxel Poliglumex (PPX): A Peptide Polymer-linked Paclitaxel Macromolecule: Preclinical Properties and Clinical Development</i>	1:00 - 1:20 pm <i>SL-6</i> Skivka Larysa <i>Physical Activity Interferes with the Immunomodulatory Effect of Antineoplastic Drug NSC63570</i>	1:00 - 1:30 pm <i>IL-7</i> Raul G. Cuero <i>Integrative Synthetic Biology: Making Biology Predictable for Accurate Disease Diagnosis and Reliable Treatment</i>
1:20 - 1:40 pm	<i>SL-8</i> Hsiu-Mei Hsieh <i>Mangosteen Pericarp Powder Improved the Spatial Memory Retrieval of 3x TG-AD Mice</i>	1:20 - 1:40 pm <i>SL-9</i> Ali Rajae <i>The Effect of Monomer Composition in the Synthesis of Paclitaxel Loaded Poly (Styrene-Co-Methyl Methacrylate) Novel Nanoparticles for Controlled Release</i>	1:20 - 1:40 pm <i>SL-10</i> Jozef Oleksyszyn <i>Spontaneous Remission of Tumor as a Model for a New Anti-Cancer Treatment</i>	1:30 - 1:50 pm <i>SL-11</i> Eiichiro Ichiishi <i>Trends in Diagnostic Biochip Development</i>
1:40 - 2:00 pm	<i>SL-12</i> Jung-Yaw Lin <i>Similar Drug Targets for the Treatments of Spinocerebellar Ataxia Type 17, Alzheimer and Huntington Disease</i>	1:40 - 2:00 pm <i>SL-13</i> Shigeki Kato <i>Treatment for Tumor-bearing Lymph Node by Lymphatic Administration with a Combination of Nano/Micro Bubbles and Ultrasound</i>	1:40 - 2:00 pm <i>SL-14</i> R. Sarathi <i>Novel, Effective, and Economical Electrically-enhanced Gemcitabine Uptake in Pancreatic Cell Lines</i>	1:50 - 2:10 pm <i>SL-15</i> Seong Keun Kim <i>Super-resolution Fluorescence Nanoscopic Imaging of Amyloid Aggregates</i>
2:00 - 2:20 pm	<i>SL-16</i> Beka Solomon <i>Immune System and Alzheimer's Disease Perspective of Immunotherapy</i>	2:00 - 2:20 pm <i>SL-17</i> Norio Takeda <i>Effect of High-flow Intra-arterial ACNU (Nimustine Hydrochloride) Therapy for Supratentorial Malignant Astrocytic Tumors</i>	2:00 - 2:20 pm <i>SL-18</i> Hsuan-Yuan Lin <i>Gardenia jasminoides Inhibits Hepatocellular Carcinoma via the AKT/mTOR Pathway</i>	2:10 - 2:30 pm <i>SL-19</i> Hala F.M. Kamel <i>Resistin, Visfatin, Adiponectin, Leptin and Risk of Breast Cancer in Pre and Post-menopausal Saudi Females, Their Possible Diagnostic and Predictive Implications as Novel Biomarkers</i>

2:20 - 2:40 pm	<i>SL-20</i> Yenshou Lin <i>Herbal Medicines for Ameliorating AB-induced Neurotransmission of Glutamate</i>	2:20 - 2:40 pm	<i>SL-21</i> Oluwatoyin A. Odeku <i>Inulin as Matrix System and Compression Coating Material for Colon Specific Delivery of 5-fluorouracil</i>	2:20 - 2:40 pm	<i>SL-22</i> Kang Fang <i>The Triepoxide Derivative, Teroxirone, as a Potential Tumor Therapeutic Agent</i>	2:30 - 2:50 pm	<i>SL-23</i> Chris G. Whiteley <i>Medical Bio-Nanotechnology: Kinases as Biomedical Targets Against Infectious Diseases: Malaria and Trypanosomiasis: Influence of Ag Nanoparticles</i>
2:40 - 3:00 pm	<i>SL-24</i> Ming-Tsan Su <i>HDAC Inhibition Suppresses Tau Mediated Neurotoxicity in Drosophila</i>	2:40 - 3:00 pm	<i>SL-25</i> Mohammad Hadi Ghatee <i>Quantum Mechanical and Molecular Dynamics Approach to the Chiral Recognition by Inclusion Complexation</i>	2:40 - 3:00 pm	<i>SL-26</i> Yun-Ju Lai <i>Potential Chinese Herbal Medicines Agents Glioblastoma and its Cancer Stem Cells</i>	2:50 - 3:10 pm	<i>SL-27</i> Wilson Wang <i>Novel Approaches to Biofunctionalize Orthopaedic Biomaterials: Helping Implants Help Themselves</i>
COFFEE BREAK: 3:00 – 3:30 pm							
Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2	Lecture Hall 204 Level 2			
Tracks	CNS Drug Discovery & Therapy / Women's Health Drug Discovery & Therapy	Drug Delivery & Targeting / High-Throughput Screening & Laboratory Automation / In Silico Drug Design & In Silico Screening / Process Chemistry and Drug Manufacturing / Chemistry / Innovative Drug Discovery and Nanotechnology	Cancer Targeted Drug Delivery / Hot Topics in Natural Products / Business Development	Medical Biotechnology / Plant & Environment			
	Chairman: B. Solomon Co-Chairman: H.-M. Hsieh	Chairman: J.W. Singer Co-Chairman: M.H. Ghatee	Chairman: J. Oleksyszyn Co-Chairman: Y. Lin	Chairman: W. Wang Co-Chairman: I.C. Okwulehie			
3:30 - 4:00 pm	<i>IL-28</i> Uwe Rudolph <i>Beyond Classical Benzodiazepines: Novel Therapeutic Potential of GABA A Receptor Subtypes</i>	3:30 - 3:50 pm	<i>SL-29</i> Alaa Eldeen B. Yassin <i>Novel Sulpiride Loaded Solid Lipid Nanoparticles with Enhanced Intestinal Absorption</i>	3:30 - 3:50 pm	<i>SL-30</i> Adel S. El-Azab <i>Synthesis, Antitumor Activity and Molecular Modeling Study of Some Novel Quinazoline Derivatives Bearing Trimethoxyanilide Fragment</i>	3:30 - 3:50 pm	<i>SL-31</i> Gerardo Rivera Silva <i>Rehabilitation of Human Enamel Using a New Biomaterial</i>

4:00 - 4:30 pm	IL-32 Mehrdad Shamloo <i>Development of the Selective β1-adrenergic Partial Agonists as a Novel Therapeutic Approach for Alzheimer's Disease</i>	3:50 - 4:10 pm	SL-33 Viviana Gallardo <i>Development of a Rapid in vivo Chemical Screening Method for the Identification of Antimetastatic Compounds</i>	3:50 - 4:10 pm	SL-34 Liliya V. Frolova <i>Novel Tubulin-Targeting Scaffold Derived from the Rigidin Family of Marine Alkaloids</i>	3:50 - 4:10 pm	SL-35 Basappa Basawanneppa Kaliwal <i>Imidacloprid Induced Intoxication and it's Bioremediation by Soil Isolates</i>
4:30 - 4:50 pm	SL-36 Chung-Hsin Wu <i>Traditional Chinese Medicine B401 is Ameliorative and Neuroprotective in R6/2 Mouse Model of Huntington's Disease</i>	4:10 - 4:30 pm	SL-37 Samuel H. Yalkowsky <i>An Interesting Relationship Between Drug Absorption and Melting Point</i>	4:10 - 4:30 pm	SL-38 Yanjie Zhang <i>Gankyrin Promotes Colorectal Carcinogenesis via TSC/mTOR Pathway</i>	4:10 - 4:30 pm	SL-39 Yufeng Yang <i>Environmental Improvement in the Mariculture Waters: A Case Study of Seaweed <i>Gracilaria lemaneiformis</i> Bioremediation in China</i>
4:50 - 5:20 pm	IL-40 Weihong Song <i>Regulation of BACE1 and $A\beta$ Production by GSK3β and its Pharmaceutical Implication for Alzheimer's Disease</i>	4:30 - 4:50 pm	SL-41 Jin Zhao <i>Process Development of a GCS Inhibitor Including Demonstration of Lossen Rearrangement on Kilogram Scale</i>	4:30 - 4:50 pm	SL-42 Warintorn Ruksiriwanich <i>Transdermal Absorption Enhancement of Gel Containing Niosomes Loaded with <i>Volvariella volvacea</i> Extract</i>	4:30 - 4:50 pm	SL-43 Abdelfattah Badr <i>Development of Reference Genetic Fingerprints for Conservation of Threatened Medicinal Plants in Arid Environments. I. Variation in Essential Oil Components in Relation to Genetic Diversity in <i>Achillea fragrantissima</i> Populations in Sinai, Egypt</i>
5:20 - 5:50 pm	IL-44 Jack T. Rogers <i>A Novel 5' Untranslated Region Translation Co-Blocker of the Amyloid Precursor Protein and Prion (PrP); Interface Therapy of Spongiformopathies and Alzheimer's Disease</i>	4:50 - 5:10 pm	SL-45 Dominique Hebrault <i>Modern Analytics and Synthesis Tools in Drug Discovery</i>	4:50 - 5:10 pm	SL-46 Anil Kumar Saksena <i>Evaluation of Anti-Nociceptive Property of <i>Curcuma longa</i>, <i>Centella asiatica</i> and Their Combination in Rats: A Comparative Study</i>	4:50 - 5:10 pm	SL-47 Vera Mikhailovna Makeeva <i>Theoretical and Practical Results of a New Scientific Direction Genourbanology</i>

5:50 - 6:10 pm	<i>SL-48</i> Gil Mor <i>In vitro and in vivo Efficacy of a Novel Superbenzopyran Analogue Trx1 Against Platinum-resistant Ovarian Cancer Stem Cells</i>	5:10 - 5:30 pm	<i>SL-49</i> Ajit Sharma <i>Antioxidant Dendrimers</i>	5:10 - 5:30 pm	<i>SL-50</i> Bahar Ahmed <i>Anti-Hepatotoxic Plants and Derived Drugs for Liver Diseases</i>	5:10 - 5:30 pm	<i>SL-51</i> Hossein Salehizadeh <i>Biosurfactant Activity and Asphaltene Degradation by Bacillus cereus</i>
				5:30 - 5:50 pm	<i>SL-52</i> Rabiul Haque <i>Hepatoprotective Activity of Clerodendron inerme Against Paracetamol Induced Hepatic Injury in Guinea Pig for Pharmaceutical Product</i>	5:30 - 5:50 pm	<i>SL-53</i> Harrison I. Atagana <i>Cyanide in the Mining Industry: The Chemistry of Application, Environmental Challenges and Current State of Affairs</i>
				5:50 - 6:10 pm	<i>SL-53(a)</i> Calin Gurau <i>Developing Alliance Capability in Biotech SMEs</i>	5:50 - 6:10 pm	<i>SL-54</i> Ankur Dalia <i>Multiplex Genome Editing of Naturally Competent Microbes for Accelerated Evolution</i>

DAY 2: Tuesday, June 17, 2014

JOINT PLENARY SESSION

Time	Chairman: A. Di Pietro Co-Chairman: D.K. Lahiri	Speaker	Title
9:00 - 9:45 am	Location: Ball Room 'B' - Level 3	Richard Lee Atkinson PL-55	<i>Obesity Due to Adenovirus 36 Infection: Clinical Presentation and Mechanisms</i>
9:45 - 9:55 am			<i>Question / Answer Session</i>
9:55 - 10:40 am	Location: Ball Room 'B' - Level 3	Hiroshi Maeda PL-56	<i>The Bigger is Better in the Cancer Targeting Drugs: The EPR Effect for the Primary and Metastatic Tumors for Treatment and Imaging, and Beyond</i>
10:40 - 10:50 am			<i>Question / Answer Session</i>
10:50 - 11:35 am	Location: Ball Room 'B' - Level 3	William B. Weglicki PL-57	<i>EGFR – Tyrosine Kinase Inhibitor Agents and Neurogenic Inflammation Associated with Hypomagnesemia</i>
11:35 - 11:45 am			<i>Question / Answer Session</i>

LUNCH BREAK: 12:00 – 1:00 pm

Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2	Lecture Hall 204 Level 2
Tracks	Drug Discovery in Preclinical Research	Cardiovascular Drug Discovery & Therapy / Traditional Chinese Medicine / Chemistry	Cancer Targeted Drug Delivery	Other Areas
	Chairman: D.K. Lahiri Co-Chairman: J. Ballesteros	Chairman: N. Gupta Co-Chairman: L.V. Frolova	Chairman: S. Larysa Co-Chairman: R. Sarathi	Chairman: I. Dvir Co-Chairman: A. Ahmad
1:00 - 1:35 pm	KNL-58 Jacqueline Le Goaster <i>Anti-VZV Vaccine as Anti-herpes Therapy</i>	1:00 - 1:35 pm KNL-59 Gordana Vunjak-Novakovic <i>Human Microtissue Platforms for Drug Development and Testing</i>	1:00 - 1:35 pm KNL-60 Attilio Di Pietro <i>Targeting Resistant Cancer with Specific Drug-Efflux Inhibitors and Apoptosis Inducers</i>	1:00 - 1:20 pm SL-61 Yong Ling Gong <i>Clinical Evaluation of Stelleria chamaejasme L. in Non-Small Cell Lung Cancer (NSCLC)</i>

1:35 - 2:05 pm	IL-62 Anna Rita Migliaccio <i>Outline of the Erythropoietic Process Under Steady-state and Stress Conditions</i>	1:35 - 1:55 pm	SL-63 Vipin Vishnupant Dhote <i>Myocardial Reperfusion Injury: Cardioprotective Activity of Banaba (Lagerstroemia Speciosa L) and Role of its Glucose Regulating Potential in Reperfusion Injury</i>	1:35 - 2:05 pm	IL-64 Hiroshi Maeda <i>Three Steps Cancer Selective Mechanisms of Polymer Conjugated Pirarubicin and Superior in vivo Antitumor Effect</i>	1:20 - 1:40 pm	SL-65 Andrey I. Kholyavin <i>Cryosurgery of Brain Tumors</i>
2:05 - 2:35 pm	IL-66 Abdelhadi Rebbaa <i>Identification, Mechanism of Action and Anti-tumor Activity of a Small Molecule Inhibitor of Hippo, TGF beta, and WNT Signaling Pathways</i>	1:55 - 2:25 pm	IL-67 Wei Wang <i>The Chemical Investigations on Traditional Medicines from Worldwide Different Origins</i>	2:05 - 2:25 pm	SL-68 Dina Mohamed Abdallah <i>Targeting AMPK in HCC: A Potential Role for Combined Aspirin and Metformin Therapy</i>	1:40 - 2:00 pm	SL-69 Fidelis Poh Ching <i>Compounds with Potent Analgesic and Antiinflammatory Potentials from Stereospermum kunthianum (Bignoniaceae) Used Traditionally in the Management of Painful and Inflammatory Conditions in West Africa</i>
2:35 - 3:05 pm	IL-70 Jurgen Bosch <i>Identification of an Atg8-Atg3 Protein-protein Interaction Inhibitor from the Medicines for Malaria Venture Malaria Box Active in Blood and Liver Stage Plasmodium falciparum Parasites</i>	2:25 - 3:00 pm	KNL-71 Vyacheslav Trofimov <i>Modern Method for Component Analysis and Identification of Substance Using the THz Signal with Broad Spectrum and Modern Assessment Criteria</i>	2:25 - 2:45 pm	SL-72 Zhizhen Zhang <i>Anti-Glioma Agents by Targeting Multiple Tumor Metabolic Regulators</i>	2:00 - 2:20 pm	SL-73 Jae-Jin Shim <i>Synthesis of Silver Nanoparticles-Decorated Graphene Oxide Nanocomposites in Supercritical CO₂ and Their Antibacterial Activity</i>
3:05 - 3:25 pm	SL-74 Kenichi Miharada <i>Discovering Druggable Targets for Triggering Enuclation of Immortalized Erythroid Cells</i>	3:00 - 3:35 pm	KNL-75 Robert J. Linhardt <i>Heparin-based Therapeutics with Improved Properties</i>	2:45 - 3:05 pm	SL-76 Ta-Chau Chang <i>A Potential Theranostic Agent for Cancer Research: BMVC</i>	2:20 - 2:40 pm	SL-77 Basappa Basawanneppa Kaliwal <i>Studies on Molecular Characterization and Epidemiology of Staphylococcus aureus from Clinical Isolates</i>

	3:05 - 3:25 pm	SL-78 Krutika Sawant <i>Immuno-nanoparticles for Targeted Intracellular Delivery of Anticancer Drugs for Improved Breast Tumor Therapy</i>	2:40 - 3:00 pm	SL-79 Sohrab Behnia <i>Negative Resistance in DNA Nanowires</i>
			3:00 - 3:20 pm	SL-80 Abdelmegid I. Fahmi <i>Biodiversity of Rhizobial Strains from Faba Bean (<i>Vicia faba</i>)</i>

COFFEE BREAK: 3:25 – 3:50 pm

Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2	Lecture Hall 204 Level 2
Tracks	Drug Discovery in Preclinical Research	Pharmaceutical Biotechnology	Cancer Targeted Drug Delivery / Other Areas / Hot Topics in Natural Products	Structural Biology / Inflammation and Immunology / Academic CRO/Industrial Collaborations in Drug Discovery / Diabetes and Obesity Drug Discovery & Therapy
	Chairman: A. Kleinridders Co-Chairman: V. Torchilin	Chairman: H. Maeda Co-Chairman: H.F.M. Kamel	Chairman: A.K. Saksena Co-Chairman: R. Haque	Chairman: W. Wang Co-Chairman: D.M. Abdallah
3:50 - 4:10 pm	SL-81 Carolyn F. Whitsett <i>Unmeet Needs in Transfusion Medicine</i>	3:50 - 4:20 pm IL-82 Abdelhadi Rebbaa <i>Simultaneous Targeting of Cancer Cell Proliferation and Identity Switching</i>	3:50 - 4:10 pm SL-83 Jack W. Singer <i>Pacritinib, a FLT3/JAK2 Kinase Inhibitor and Tosedostat, An Inhibitor of Intracellular Protein Recycling: Novel Agents in Advanced Development in Hematological Neoplasia. Preclinical Biology, Early Clinical Data and Developmental Strategies</i>	3:50 - 4:25 pm KNL-84 Gerhard Wagner <i>Allosteric Inhibition of Protein-protein Interactions in Translation Initiation for Design of Anti-tumor Agents</i>
4:10 - 4:30 pm	SL-85 Johan Flygare <i>Novel Strategies to Expand Erythroid Cells ex-vivo for Transfusion</i>	4:20 - 4:50 pm IL-86 Mahin Khatami <i>Science-Driven Technology Development: Balancing Tumoricidal vs Tumorigenic (Yin and Yang) Properties of Immune Surveillance as Correct Target for Cancer Research</i>	4:10 - 4:30 pm SL-87 Ajit Sharma <i>Dendrimer Electrophoresis</i>	4:25 - 5:00 pm KNL-88 Edmond J. Yunis <i>Major Histocompatibility Complex (MHC) DNA Blocks in Nonagerians and Centenarians of Mexico: Role of Socioeconomic Class</i>
4:30 - 4:50 pm	SL-89 Marieke von Lindern <i>State of the Art of ex vivo Produced Red Cells for Transfusion</i>	4:50 - 5:10 pm SL-90 Yong Ling Gong <i>Therapy Response of Decoction for Removing Blood Stasis in Advanced Cerebral Tumor of Glioma: A Retrospective Observational Clinical Trial</i>	4:30 - 4:50 pm SL-91 Calin Gurau <i>Developing Alliance Capability in Biotech SMEs</i>	5:00 - 5:20 pm SL-92 Susan Cheng <i>Cardiovascular Surveillance During Use of Non-Cardiac Therapeutics: A Growing Challenge in the Era of Population Aging</i>

4:50 - 5:10 pm	SL-93 Emile van den Akker <i>The Erythroid Cell Membrane</i>	5:10 - 5:30 pm	SL-94 Jozef Oleksyszyn <i>Manipulation of Glucose Level could have Cancer Preventive and/or Therapeutic Value: The Cases of Spontaneous Regression of Cancer – Hypotheses</i>	4:50 - 5:10 pm	SL-95 Aceng Ruyani <i>Using Leaf Ethanolic Extract Honje (Etlingera hemisphaerica) for Mercury Detoxification on Mice (Mus musculus) Blood Cells</i>	5:20 - 5:40 pm	SL-96 Shelesh Jain <i>Long-circulating Biodegradable Nanoparticles of Repaglinide (RPG): Rational Approach for the Management of Type 2 Diabetes Mellitus</i>
5:10 - 5:30 pm	SL-97 Zheng-Yun James Zhan <i>Development of the Leading HCV NS3 and NS5A Inhibitors ZN2007 and ZN6818 Excellent for Clinical Combination Therapy</i>	5:30 - 5:50 pm	SL-98 Rajesh N. Gacche <i>Structural Peculiarities of Flavonoids Influence Anti-angiogenic, Cytotoxic and Antioxidant Effects: Experimental and In silico Analysis</i>	5:10 - 5:30 pm	SL-99 Qiong Shen <i>Anthraquinone Derivatives from the Fungus Alternaria sp. (XZSBG-1) Isolated from Salt Lake Sediments as a Biological Equivalent of the Marine Environment</i>	5:40 - 6:10 pm	SL-99(a) Raman K. Verma <i>Conformationally and Geometrically Constrained Novel PPARs Ligands: Design Synthesis and Docking Studies</i>
5:30 - 5:50 pm	SL-100 Akaber T. Keshta <i>Curcumin / BSA: Approach for Hepatocellular Carcinoma Treatment</i>	5:50 - 6:10 pm	SL-101 Gloria N. Okwu <i>Protective Effect of Ethanol Leaf Extract of Combretum zenkeri on Liver Functions of Rats Following Benzo(a) Pyrene Exposure</i>				
5:50 – 6:10 pm	SL-101(a) Jean Viallet <i>In Ovo Tests for Drug Discovery</i>	6:10 - 6:30 pm	SL-102 Andrew J. Nok <i>DNA-based Vaccine Encoding the Parasite Enzyme Phospholipase (PLA2) Confers Protection in Mice Challenged with Trypanosoma brucei brucei</i>				

DAY 3: Wednesday, June 18, 2014

JOINT PLENARY SESSION

Time	Chairman: R.L. Atkinson Co-Chairman: G. Wagner	Speaker	Title
9:00 - 9:45 am	Location: Ball Room 'B' - Level 3	Shuji Ogino PL-103	<i>Power of Molecular Pathological Epidemiology (MPE) Approach to Discover Disease Biomarkers for Precision Medicine</i>
9:45 - 9:55 am			<i>Question / Answer Session</i>
9:55 - 10:40 am	Location: Ball Room 'B' - Level 3	Edmond J. Yunis PL-104	<i>Importance of Humoral Immunity in M. tuberculosis Infection</i>
10:40 - 10:50 am			<i>Question / Answer Session</i>
10:50 - 11:35 am	Location: Ball Room 'B' - Level 3	Lee M. Kaplan PL-105	<i>Mechanisms of Bariatric Surgery: It's in the Chemistry, Not the Physics</i>
11:35 - 11:45 am			<i>Question / Answer Session</i>

LUNCH BREAK & POSTER SESSION: 12:00 – 2:00 pm

Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2	Lecture Hall 204 Level 2
Tracks	CNS Drug Discovery & Therapy	Diabetes and Obesity Drug Discovery & Therapy	Cancer Targeted Drug Delivery / Inflammation and Immunology	Marine Biotechnology / Industrial & Manufacturing
	Chairman: G. Pinna Co-Chairman: A. Concas	Chairman: E. Jirillo Co-Chairman: J. Xu	Chairman: Y. Zhang Co-Chairman: K. Fang	Chairman: E.V. Orlova Co-Chairman: J.J. Shim
2:00 - 2:30 pm	IL-106 David S. Greenberg <i>Multi-leveled RNA Metabolism Changes in Alzheimer's Disease</i>	2:00 - 2:30 pm IL-107 Andre Kleinridders <i>Consequences of Obesity on Central Insulin and Leptin Signaling</i>	2:00 - 2:20 pm SL-108 Yutaka Miura <i>Ligand-Linked Polymeric Micelles for Targeted Delivery of Platinum Anti-Cancer Drug into Malignant Tumor</i>	2:00 - 2:20 pm SL-109 Asmat Ahmad <i>Bacteriocin from Pseudomonas putida FStm2 Isolated from Shark Skin and its Potential as an Anti-Biofilm</i>
2:30 - 2:50 pm	SL-110 Spiros Kivellos <i>Reappearance of High Fever on Migraine Patients, After Individualized Homeopathic Treatment, is a Valuable Prognostic Factor</i>	2:30 - 3:00 pm IL-111 Giovanni De Pergola <i>Prevention of Obesity and Type 2 Diabetes Mellitus: Is it Feasible?</i>	2:20 - 2:40 pm SL-112 Weiwen Ying <i>Hsp90 Inhibitor Drug Conjugates (HDCs): Proof of Concept in Preclinical Studies</i>	2:20 - 2:40 pm SL-113 Irit Dvir <i>Therapeutic Effects of Nutraceuticals from the Red Microalga Porphyridium sp.</i>

2:50 - 3:10 pm	<i>SL-114</i> Jamie Maguire <i>Cell Type-specific Actions of Neurosteroids: Relevance for Therapeutics</i>	3:00 - 3:30 pm	<i>IL-115</i> Mohsen Meydani <i>Potential Role of Natural Bioactive Compounds on Prevention of Obesity</i>	2:40 - 3:00 pm	<i>SL-116</i> Beka Solomon <i>Cancer Immunotherapy: Targeting Tumors Expressing Mutant p53</i>	2:40 - 3:00 pm	<i>SL-117</i> Naima Boumhandi <i>Diversity of <i>Listeria monocytogenes</i> Isolates of Marine Origin Studied by Serotyping and Pulsed-Field Gel Electrophoresis</i>
3:10 - 3:30 pm	<i>SL-118</i> Katsukuni Mitsui <i>ONO-2952, A Novel Potent and Selective Translocator Protein 18kDa (TSPO) Antagonist, Produces Anti-stress Effects in Rats</i>	3:30 - 3:50 pm	<i>SL-119</i> Yun Song <i>Identification of the First Small-Molecule Modulators of the OX40-OX40L Costimulatory Protein-Protein Interaction</i>	3:00 - 3:20 pm	<i>SL-120</i> Ta-Chau Chang <i>In-Cell Optical Imaging of Fluorescent Anticancer Agents for Drug Development and Therapy</i>	3:00 - 3:20 pm	<i>SL-121</i> Hossein Salehizadeh <i>Green Synthesis of Core-shell Fe₃O₂ Nanocomposite Used for Biomedical Applications</i>
3:30 - 3:50 pm	<i>SL-122</i> Spiros Kivellos <i>Homeopathic Therapeutic Aggravation and Reappearance of Patient's Symptoms of Past Medical History, Explained by Psychoneuroimmunology</i>			3:20 - 3:50 pm	<i>IL-123</i> Charles J. Malemud <i>Pro-Inflammatory Cytokines Activate Multiple Signaling Pathways in Cultured Human Chondrocytes</i>	3:20 - 3:40 pm	<i>SL-124</i> De-Yu Xie <i>Development of Camelina Oil Into Biofuel: Requirement of Metabolic Engineering of Terpenes</i>

COFFEE BREAK: 3:40 – 4:10 pm

Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2	Lecture Hall 204 Level 2
Tracks	CNS Drug Discovery & Therapy / Medical Imaging / Hot Topics in Medicinal Chemistry	Drug Discovery in Preclinical Research / Women's Health Drug Discovery & Therapy / Medical Biotechnology	Inflammation and Immunology / Protein and Peptide Sciences	Industrial & Manufacturing / Pharmaceutical Biotechnology / Innovative Drug Discovery and Nanotechnology
	Chairman: G. Pinna Co-Chairman: J. Maguire	Chairman: J. Le Goaster Co-Chairman: A.R. Migliaccio	Chairman: C.J. Malemud Co-Chairman: V. Trofimov	Chairman: M. Khatami Co-Chairman: A. Teimouri
4:10 - 4:40 pm	<i>IL-125</i> Elif Engin <i>GABA_A Receptors as Targets for Procognitive Drugs</i>	4:10 - 4:30 pm <i>SL-126</i> Lilian Varricchio <i>Growth Factor Modulation of Erythroid Expansion Ex-vivo</i>	4:10 - 4:40 pm <i>IL-127</i> Claudio Carini <i>Precision Medicine: The Future of Medicine</i>	4:10 - 4:30 pm <i>SL-128</i> Danai Brooks <i>What is C1?</i>
4:40 - 5:00 pm	<i>SL-129</i> Christine E. Marx <i>Neurosteroids as Biomarker Candidates and New Therapeutics in Schizophrenia and TBI</i>	4:30 - 4:50 pm <i>SL-130</i> Mario Falchi <i>A Dexamethasone-dependent Macrophagic Niche Promotes Erythroid Expansion by Stimulating Erythroblast Cytokinesis</i>	4:40 - 5:00 pm <i>SL-131</i> Xiaoyan Yang <i>Bacillus Calmette-Guerin's Protection Effects Among Chinese People</i>	4:30 - 4:50 pm <i>SL-132</i> Elena V. Orlova <i>One Aim-several Goals: From Stem Cell to the Biofuel Production. The New Background Method for Zero Waste and High Efficiency Biodiesel Production from Microalgae Chlorella vulgaris</i>
5:00 - 5:20 pm	<i>SL-133</i> Leandro Barile Agati <i>Reelin and Neurosteroids Improve Behavioral Dysfunctions Induced by Anabolic Androgenic Steroids</i>	4:50 - 5:10 pm <i>SL-134</i> Alaa Abdel-Moenes Abdel-Aziz <i>Cyclic Imides as Novel Class of COX-2 Inhibitors</i>	5:00 - 5:30 pm <i>IL-135</i> Yeziel Shai <i>Mimicking HIV Strategy to Suppress the Immune Response: Novel Peptides for the Treatment of Autoimmune Diseases</i>	4:50 - 5:10 pm <i>SL-136</i> Weilan Shao <i>Production of S-Adenosylhomocysteine by Coupling the Thermostable Enzymes from Thermotoga maritima</i>
5:20 - 5:40 pm	<i>SL-137</i> Mohammad Ahmad <i>Therapeutic Effects of Minocycline and FK506 on Rehabilitation from Spinal Injury in Rats</i>	5:10 - 5:30 pm <i>SL-138</i> Joan Ballesteros <i>Pharmacological Evaluation of Drugs & Combinations in Patient Samples of Hematological Malignancies by Automated Flow Cytometry</i>	5:30 - 5:50 pm <i>SL-139</i> Shuwen Liu <i>Peptides Derived from HIV-1 gp120 Co-receptor Binding Domain form Amyloid Fibrils and Enhance HIV-1 Infection</i>	5:10 - 5:30 pm <i>SL-140</i> Faten Zahran <i>Antitumor Activity of Balanitoside Extracted from Balanites aegyptiaca Fruit</i>

5:40 - 6:00 pm	<i>SL-141</i> Xiaodong Zhang <i>Pregnenolone Sulfate Normalizes Schizophrenia-like Behaviors in Dopamine Transporter Knockout Mice Through AKT/GSK3beta Pathway</i>	5:30 - 5:50 pm	<i>SL-142</i> Steffen Goletz <i>Biosuperiors: FSH-GEX-Results from Clinical Phase II Studies</i>	5:50 - 6:10 pm	<i>SL-143</i> Oleg Babii <i>Switching the Antimicrobial Activity of Gramicidin S by Light</i>	5:30 - 5:50 pm	<i>SL-144</i> Makvandi Manoochehr <i>Design and Construction of a Novel DNA Vaccine Against Hepatitis E Virus</i>
6:00 - 6:20 pm	<i>SL-145</i> Susan Cheng <i>Novel Image Analysis Techniques for Detecting Age – and Disease-Related Changes in Cardiac Structure and Function: Implications for Studies of Drug Efficacy and Safety</i>	5:50 - 6:10 pm	<i>SL-146</i> Oluwatoyin A. Odeku <i>Application of Agricultural Residues as Pharmaceutical Excipient</i>	6:10 - 6:30 pm	<i>SL-147</i> Octavio L. Franco <i>Controlling Resistant Bacteria with Novel Designed Multifunctional Compounds: from Beta-lactamase Inhibitors to Immunomodulatory and Antimicrobial Peptides</i>	5:50 - 6:10 pm	<i>SL-148</i> Akaber Tarek Hussein Hassanein Keshta <i>Mode of Action of Potassium Salt of 2-thioxo-4-hydroxycoumarin [3, 4-b] pyrimidine and 9-bromo-2-thioxo-hydroxycoumarin [3, 4-b] pyrimidine Against Ehrlich Ascites Carcinoma Cells</i>
6:20 - 6:50 pm	<i>IL-149</i> Denise de Oliveira Silva <i>Exploiting Properties of the Diruthenium-ibuprofen Metallo drug Targeted to Glioma</i>	6:10 - 6:30 pm	<i>SL-150</i> Hala F.M. Kamel <i>Overcome Multidrug Resistance in Human Cancer by Nanoparticles</i>	6:30 - 6:50 pm	<i>SL-151</i> Dan Appella <i>Multivalent Display on Synthetic PNA Backbones to Probe Membrane Receptor Binding</i>	6:10 - 6:40 pm	<i>IL-152</i> Srinivas (Sri) Sridhar <i>Nanoplatforms for Precision Medicine</i>

DAY 4: Thursday, June 19, 2014

JOINT PLENARY SESSION

Time	Chairman: E. Jirillo Co-Chairman: E.J. Yunis	Speaker	Title
9:00 - 9:45 am	Location: Ball Room 'B' - Level 3	Vladimir Torchilin <i>PL-153</i>	<i>Multifunctional Pharmaceutical Nanopreparations</i>
9:45 - 9:55 am			<i>Question / Answer Session</i>
9:55 - 10:40 am	Location: Ball Room 'B' - Level 3	Mary-Elizabeth Patti <i>PL-154</i>	<i>New Concepts in the Pathophysiology of Type 2 Diabetes: Insights from Human Studies</i>
10:40 - 10:50 am			<i>Question / Answer Session</i>
10:50 - 11:35 am	Location: Ball Room 'B' - Level 3	Muhammad Iqbal Choudhary <i>PL-155</i>	<i>Natural Product Based Pharmacophores – What are the Most Productive Approaches?</i>
11:35 - 11:45 am			<i>Question / Answer Session</i>

LUNCH BREAK & POSTER SESSION: 12:00 – 2:00 pm

Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2	Lecture Hall 204 Level 2
Tracks	CNS Drug Discovery & Therapy / Recent Advances in Patient Treatment and Care / Proteomics & Bioinformatics	Diabetes and Obesity Drug Discovery & Therapy / Women's Health Drug Discovery & Therapy	Hot Topics in Drug Targets	Pharmaceutical Biotechnology / Plant & Environment / Regenerative Medicine
	Chairman: D.S. Greenberg Co-Chairman: C.E. Marx	Chairman: A. Kleinridders Co-Chairman: G.D. Pergola	Chairman: D. Brooks Co-Chairman: X. Zhang	Chairman: Y. Yang Co-Chairman: H.I. Atagana
2:00 - 2:30 pm	<i>IL-156</i> Graziano Pinna <i>Reversal of Stress-Induced Behavior by Targeting Neurosteroidogenesis: Implications for Novel PTSD Therapy</i>	2:00 - 2:30 pm <i>IL-157</i> Emilio Jirillo <i>Diet-Related Diseases and their Prevention/Attenuation by Nutraceuticals</i>	2:00 - 2:30 pm <i>IL-158</i> Noorjahan Panjwani <i>Targeting Galectin-3 Attenuates Both Corneal Fibrosis and Retinal Gliosis</i>	2:00 - 2:20 pm <i>SL-159</i> Alfred Puehler <i>The Contribution of Chinese Hamster Genomics to Industrial Biotechnology</i>

2:30 - 2:50 pm	<i>SL-160</i> Alessandra Concas <i>Neurosteroids During Development: Implications for Behavior and Stress Sensitivity</i>	2:30 - 2:50 pm	<i>SL-161</i> Jun Xu <i>Privileged Fragment Target Network for Anti T2D Drug Discovery</i>	2:30 - 2:50 pm	<i>SL-162</i> Dage Liu <i>Effect of Adenoviral Vector Expressing Short Hairpin siRNA Targeting RRM1 Gene on Cell Viability and Chemosensitivity to Gemcitabin in Human Non-small Cell Lung Cancer Cells</i>	2:20 - 2:40 pm	<i>SL-163</i> Nditange Shigwedha <i>Employment of Probiotics and PCF Biotechnology as an Ideal Crises Management Tool for Current Health Problems</i>
2:50 - 3:10 pm	<i>SL-164</i> Rabiul Haque <i>Micropropagation of An Important Medicinal Plant Pfaffia glomerulata and Antileishmanial Activity of Agents Isolated from Pfaffia glomerulata</i>	2:50 - 3:10 pm	<i>SL-165</i> Claudia Camerino <i>Oxytocin and BDNF: New Players in the Treatment of Obesity and Osteoporosis</i>	2:50 - 3:10 pm	<i>SL-166</i> Elsa Fleitas Ruisanchez <i>Characterization of Infectious Endocarditis in a National Reference Center</i>	2:40 - 3:00 pm	<i>SL-167</i> Ikechukwu Cyriacus Okwulehie <i>Bioactive, Nutritional and Heavy Metal Constituents of Some Edible Mushrooms Found in Abia State of Nigeria</i>
3:10 - 3:30 pm	<i>SL-168</i> Jian Li <i>UPLC-Q-TOF/MS Based Metabonomic Profiling in Rat Serum to Reveal Pharmacological Mechanisms of Berberine for the Treatment of High Fat Diet Induced Nonalcoholic Steatohepatitis</i>	3:10 - 3:30 pm	<i>SL-169</i> Mila Vassileva Vlaskovska <i>The Effect of Apium nodiflorum in Experimental Osteoporosis</i>	3:10 - 3:30 pm	<i>SL-170</i> Wei-Sheng Chen <i>Lymphangiogenesis is Regulated by Galectin-8-dependent Crosstalk Between VEGFR-3 and Podoplanin</i>	3:00 - 3:20 pm	<i>SL-171</i> Lynn L.H. Huang <i>Collagen and Hyaluronan for Regenerative Medicine</i>

COFFEE BREAK: 3:30 – 4:00 pm

Locations	Lecture Hall 201 Level 2	Lecture Hall 202 Level 2	Lecture Hall 203 Level 2	Lecture Hall 204 Level 2	
Tracks	Anti-Infectives / CNS Drug Discovery & Therapy	Pharmaceutical Research and Development / Combinatorial Chemistry	Medical Biotechnology / Industrial & Manufacturing	Traditional Chinese Medicine	
	Chairman: R.J. Linhardt Co-Chairman: Y.-J. Lai	Chairman: G. Pinna Co-Chairman: M.V. Vlaskovska	Chairman: M.I. Choudhary Co-Chairman: R.G. Cuero	Chairman: Wei Wang Co-Chairman: N. Panjwani	
4:00 - 4:35 pm	<i>KNL-172</i> Jeffrey B. Ulmer <i>Technologies for New and Improved Vaccines</i>	4:00 - 4:20 pm	<i>SL-173</i> Ajay Pal Singh <i>The Design and Evaluation of Nano Particulate Drug Delivery System for Improving Systemic Absorption</i>	4:00 - 4:20 pm	<i>SL-174(a)</i> Mailan Liu <i>The Central Mechanism of Puncturing Acupoints Along Shaoyang Meridians for Migraineurs</i>
4:35 - 4:55 pm	<i>SL-175</i> Jilin Cheng <i>Ozonated Tri-Distilled Water Combining with the Standard Treatment Increasing H. pylori Eradicate Rate</i>	4:20 - 4:40 pm	<i>SL-176</i> Nakul Gupta <i>A Study on the Prescription Pattern of Drugs in Jizan General Hospital of Jizan, KSA</i>	4:20 - 4:40 pm	<i>SL-177(a)</i> Jiansheng Guo <i>Effect of Saussurea costus on Intestinal Motion of Rabbits and the Study of the Components Absorbed into Blood</i>
4:55 - 5:15 pm	<i>SL-178</i> Shakir Mahmood Alwan <i>Computational Calculations of Molecular Properties, Bioactivity Scores and Docking Study of New and Reference Cephalosporins on Penicillin Binding Proteins and Various β-lactamases</i>	4:40 - 5:00 pm	<i>SL-179</i> Vladimir M. Koleshko <i>Intelligent Sensory System for Pharmaceutics and Drug Therapy</i>	4:40 - 5:00 pm	<i>SL-180(a)</i> Guo-Qiang Li <i>Cycloartane Triterpenoids and their Glycosides from the Rhizomes of Cimicifuga foetida</i>
5:15 - 5:35 pm	<i>SL-181</i> Mohammad Ayoub Mir <i>A Novel Chemical Scaffold with Broad-Spectrum Antiviral Activity Targets RNA Viruses</i>	5:00 - 5:20 pm	<i>SL-182</i> Flavia Laffleur <i>Novel Synthesis of Preactivated Thiomeric Polymers as Medical Therapeutic Agents for Dry Mouth Syndrome</i>	5:00 - 5:20 pm	<i>SL-183(a)</i> Xiao-Juan Wang <i>Effect of Shu Wei Decoction on the Repair and Regeneration of Cajal Interstitial Cell in Rats with Functional Dyspepsia</i>

5:35 - 6:05 pm	<i>IL-184</i> Nigel Greig <i>TNF-α as a Gatekeeper to Mitigating Neuroinflammation</i>	5:20 - 5:40 pm	<i>SL-185</i> Manuel Mateos de Vicente <i>The Role of Hydrofluids in the Origin of Alzheimer's Disease</i>	5:20 - 5:40 pm	<i>SL-186</i> Nakkeeran Ekambaram <i>Extraction of Novel Natural Colourants from Opuntia Fruits Using Athermal Process</i>	5:20 - 5:40 pm	<i>SL-186(a)</i> Rui Li <i>The Metabolic and Pharmacokinetic Analysis of Curcuminoids Based on Nanoparticle Formulations by Liquid Chromatography Coupled with Tandem Mass Spectrometry</i>
6:05 - 6:25 pm	<i>SL-184(a)</i> Baindu L. Bayon <i>SPI Inhibitors as Modulators of APP and BACE1 Levels in Human Cells: A Novel Drug Target in Alzheimer's Disease</i>					5:40 - 6:00 pm	<i>SL-186(b)</i> Xinhua Xia <i>The Review of Development of Chinese Medicine Preparation</i>

CASH PRIZE ANNOUNCEMENT FOR THE BEST POSTER AT 6:25 P.M.
(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