

**DAY 1: Monday, July 10, 2017**

## Drug Discovery & Therapy World Congress 2017 and Global Biotechnology Congress 2017

July 10<sup>th</sup> – 13<sup>th</sup>, 2017, The Westin Copley Place, Boston, MA, USA

www.ddtwc.com / www.globalbiotechcongress.com

TIME	INAUGURAL PROGRAM :: Location: Essex Ballroom Center :: 3 <sup>rd</sup> Floor		
8:25 - 8:30 am	Guests to be Seated		
8:30 - 8:40 am	Welcome Remarks by Chairmen Organizing Committee Chairman: A.D. MacKerell, Jr. Co-Chairman: Atta-ur-Rahman	Prof. Ferid Murad (Nobel Laureate) and Prof. Atta-ur-Rahman, FRS	
Time	Speakers	Titles	
8:40 - 9:25 am	<b>Stephen Joseph Elledge</b> PL-1	<i>Aneuploidy Promotes Cell Proliferation and Inhibits Immune Surveillance</i>	
9:25 - 10:10 am	<b>Kenneth Carl Anderson</b> PL-2	<i>Targeting Achilles Heels in Myeloma</i>	
COFFEE & SOCIAL MIXER (Location: Essex Ballroom Foyer – 3 <sup>rd</sup> Floor): 10:10 – 10:40 AM			
Locations	Lecture Hall St. George A & B 3 <sup>rd</sup> Floor	Lecture Hall St. George C 3 <sup>rd</sup> Floor	Lecture Hall St. George D 3 <sup>rd</sup> Floor
Tracks	Pharmaceutical Research & Development Anti-Infectives Translational Medicine In-silico Drug Design and In-silico Screening	Drug Delivery & Targeting	Plant & Environment
	Chairman: R. Chaguturu Co-Chairman: C. Gonzalez-Bello	Chairman: B. Kleuser Co-Chairman: M. Schäfer-Korting	Chairman: M. Ohme-Takagi Co-Chairman: R. Bensen
10:40 - 11:15 am	KNL-3 Rathnam Chaguturu <i>Drug Discovery Efforts Mirror the Proverbial Hyper Cycle: What's Next?</i>	10:40 - 11:10 am IL-4 Monika Schäfer-Korting <i>Rethinking Drug Development – Improving Translational Research</i>	10:40 - 11:10 am IL-5 Masaru Ohme-Takagi <i>Negative Regulations Play a Role as “Keystones” for the Control of Physiological Activities in Plants</i>
11:15 - 11:35 am	SL-6 Mario Milani <i>The Difficult Path Toward Knowledge: An Ongoing Story on New Dengue Virus Inhibitors</i>	11:10 - 11:30 am SL-7 Burkhard Kleuser <i>Crosstalk Between Core-multishell Nanocarriers and Antigen-presenting Cells of the Skin</i>	11:10 - 11:30 am SL-8 Robert Bensen <i>Improving Drought Tolerance in Crop Plants: An Industry Perspective</i>

11:35 - 11:55 am <i>SL-9</i> Concepción González-Bello <i>Freezing the Essential Motion of Key Bacterial Enzymes – A Strategy for Antibiotic Drug Discovery</i>	11:30 - 11:50 am <i>SL-10</i> Christian Zoschke <i>The Barrier Function of Organotypic Non-melanoma Skin Cancer Models</i>	11:30 - 11:50 am <i>SL-11</i> Tomokazu Kawashima <i>Extended Comparative Genomics to Identify Agriculturally Useful Genes in Plants</i>	
11:55 - 12:15 pm <i>SL-12</i> Roman Maciej Kalina <i>Placebo Effect as Starting Point of the Use of Innovative Agonology in the Therapy and Treatment</i>	11:50 - 12:10 pm <i>SL-13</i> Muhammad Qadir <i>Novel Radiolabeled Polydentate Ligands as Potential Diagnostic Probes</i>	11:50 - 12:10 pm <i>SL-14</i> Brian Vande Berg <i>Trait Components to Support an Integrated R&amp;D Strategy</i>	
12:15 - 12:35 pm <i>SL-15</i> Ravindranath Singh Rathore <i>Novel Dual-binding Cation-<math>\pi</math> Inhibitors of AChE: Design, Synthesis and Biological Evaluation</i>	12:10 - 12:30 pm <i>SL-16</i> Ajit Sharma <i>Drug Entrapment in Dendrimers</i>	12:10 - 12:30 pm <i>SL-17</i> Masami Yokota Hirai <i>Metabolomics-based Studies for Understanding of Plant Metabolism</i>	
	12:30 - 12:50 pm <i>SL-18</i> Eckart Ruehl <i>Topical Drug Delivery into Skin Probed by Label-free Spectromicroscopy</i>	12:30 - 12:50 pm <i>SL-19</i> Ling Yuan <i>Plant Genome Editing for the Production of Valuable Proteins</i>	
	12:50 - 1:10 pm <i>SL-20</i> Ulrike Alexiev <i>Advanced Time-resolved Fluorescence Microscopy for Investigating Nanocarrier and Drug Delivery</i>		
<b>LUNCH BREAK (Location: Essex Ballroom South – 3<sup>rd</sup> Floor): 1:00 – 2:30 PM</b>			
<b>Locations</b>	Lecture Hall St. George A & B 3 <sup>rd</sup> Floor	Lecture Hall St. George C 3 <sup>rd</sup> Floor	Lecture Hall St. George D 3 <sup>rd</sup> Floor
<b>Tracks</b>	Proteomics & Bioinformatics Medical Imaging Drug Discovery in Preclinical Research Biologics	Genomics Recent Advances in Patient Treatment and Care Hot Topics in Drug Targets	Regenerative Medicine
<b>Chairman:</b> F. Huq <b>Co-Chairman:</b> M. I. Choudhary	<b>Chairman:</b> Van S. Kristel <b>Co-Chairman:</b> H.M. Sobell	<b>Chairman:</b> I. Roy <b>Co-Chairman:</b> M. Tosun	

2:30 - 3:00 pm <b>IL-21</b> Fazlul Huq <i>Tumour Active Phytochemicals Found to Enhance Platinum Action in Ovarian Tumour Models</i>	2:30 - 3:00 pm <b>IL-22</b> Henry Martinique Sobell <i>The Centers of Premeltons Signal the Beginning and Ends of Genes</i>	2:30 - 3:05 pm <b>KNL-23</b> Ali Khademhosseini <i>Nano- and Microfabricated Hydrogels for Regenerative Engineering</i>
3:00 - 3:20 pm <b>SL-24</b> Yi Zhang <i>In Vivo Imaging of Neuxial Inflammation in Sciatica Pain with PET/MRI</i>	3:00 - 3:20 pm <b>SL-25</b> Doris Vandeputte <i>The Gut Microbiome in Health and Disease, The Importance of Quantitative Microbiome Profiling</i>	3:05 - 3:25 pm <b>SL-26</b> Nassim Halim Abi Chahine <i>The Regentime Procedure, A Safe Way for Regeneration</i>
3:20 - 3:55 pm <b>KNL-27</b> Muhammad Iqbal Choudhary <i>New Pharmacophores from Medicinal Plants</i>	3:20 - 3:40 pm <b>SL-28</b> Van Steen Kristel <i>Systems Genetics for Precision Medicine</i>	3:25 - 3:45 pm <b>SL-29</b> Bruno Delorme <i>The Concept of Mesenchymal Stem Cells: From Their Discovery to Innovative MSC-derived Therapies</i>
3:55 - 4:15 pm <b>SL-30</b> Tatsuya Takimoto <i>Study on the Correlation Between Structures of Bithiazole Derivatives and Plasmid DNA Cleavage Activity by Using Simulation and Experiment</i>	3:40 - 4:00 pm <b>SL-31</b> Fentaw Abegaz <i>Epistasis Detection for Human Complex Diseases in Structured Populations</i>	3:45 - 4:05 pm <b>SL-32</b> Hae Lin Jang <i>An Explanation of the Ratio Between Hydroxyapatite and Whitlockite in Bone: Interplay of the Two Major Nanocrystals for Bone Formation</i>
4:15 - 4:35 pm <b>SL-33</b> Maayan Gal <i>Computational and Biophysical Tools Towards PPIs Drug Discovery</i>	4:00 - 4:20 pm <b>SL-34</b> William Joseph Rowe <i>Neil Armstrong Syndrome and Thermoregulation</i>	4:05 - 4:25 pm <b>SL-35</b> Metiner Tosun <i>Functional Genomics Analysis of Hepatocellular Tumor-initiating Cells</i>
4:35 - 4:55 pm <b>SL-36</b> Muhammad Younus <i>Lead Residues in Lohi Sheep: A Hemato-biochemical and Histopathological Study</i>	4:20 - 4:55 pm <b>KNL-37</b> Simon Christopher Robson <i>The Ectonucleotidase CD39 is a Checkpoint Inhibitor Target in Cancer</i>	4:25 - 4:45 pm <b>SL-38</b> Jung Park <i>Electric Field-guided Stem Cell Differentiation on TiO<sub>2</sub> Nanotubular Surfaces</i>
<b>COFFEE BREAK (Location: Essex Ballroom Foyer – 3<sup>rd</sup> Floor): 5:00 - 5:30 PM</b>		

## DAY 2: Tuesday, July 11, 2017

JOINT PLENARY SESSION ::: Location: Essex Ballroom Center ::: 3 <sup>rd</sup> Floor			
Chairman: I. Nagy Co-Chairman: M.I. Choudhary			
Time	Speakers	Titles	
9:00 - 9:45 am	<i>PL-39</i> <b>Shuji Ogino</b>	<i>Emerging Pharmaco-MPE (Molecular Pathological Epidemiology) and Immuno-MPE For Precision Medicine</i>	
9:45 - 10:30 am	<i>PL-40</i> <b>Rudolf Jaenisch</b>	<i>Epigenetics, Stem Cells and Disease Research</i>	
COFFEE & SOCIAL MIXER (Location: Essex Ballroom Foyer – 3 <sup>rd</sup> Floor): 10:30 - 11:15 AM			
Locations	Lecture Hall St. George A & B 3 <sup>rd</sup> Floor	Lecture Hall St. George C 3 <sup>rd</sup> Floor	Lecture Hall St. George D 3 <sup>rd</sup> Floor
Tracks	Innovative Drug Discovery and Nanotechnology High-throughput Screening & Laboratory Automation	Protein & Peptide Sciences	Pharmaceutical Biotechnology Industrial and Manufacturing
Chairman: T.J. Webster Co-Chairman: A. Mazzaglia		Chairman: E.B. Thompson Co-Chairman: I.J. McEwan	Chairman: A. Gravanis Co-Chairman: S. Suchkov
11:15 - 11:50 am	<i>KNL-41</i> Thomas Jay Webster <i>The Age of “Nano-biotics”: Self-assembled Materials as Novel Antibacterial Agents Against Drug-resistance Bacteria</i>	11:15 - 11:45 am <i>IL-42</i> Elizabeth Brad Thompson <i>Protein Intrinsic Disorder in Drug Design and Use</i>	11:15 - 11:50 am <i>KNL-43</i> Muhammad Iqbal Choudhary <i>Biotransformation of Existing Drugs – Way Forward for Cost Effective Lead Discovery</i>
11:50 - 12:20 pm	<i>IL-44</i> Antonino Mazzaglia <i>Nanomaterials Based on Cyclodextrin: Design, Advances in (Photo) Therapeutics Delivery and Bio-performances</i>	11:45 - 12:05 pm <i>SL-45</i> Collin Stultz <i>Dynamics of Alpha-synuclein Aggregation</i>	11:50 - 12:20 pm <i>IL-46</i> Achilleas Gravanis <i>Synthetic Microneurotrophins in Brain Protection and Function</i>
12:20 - 12:40 pm	<i>SL-47</i> Keiichi Motoyama <i>Potential Use of Cyclodextrin Derivatives as Therapeutic Agents for Lysosomal Storage Disorders</i>	12:05 - 12:25 pm <i>SL-48</i> William Austin Elam <i>A Protein Stabilizing Osmolyte Restores Mutant Glucocorticoid Receptor Binding</i>	12:20 - 12:40 pm <i>SL-49</i> Guifu Dai <i>In vivo Inhibitory Activity of Andrographolide Derivative ADN-9 Against Liver Cancer and its Mechanism</i>

12:40 - 1:00 pm <i>SL-50</i> Ravindra Peravali <i>Drug Discovery and Testing Using High-throughput Morphological and Behavioral Screening of Zebrafish Larvae</i>		12:25 - 12:45 pm <i>SL-51</i> Lidija Covic <i>Pepducins as Allosteric Agents and Therapeutics to Prevent Coronary Artery Thrombosis and NASH</i>	12:40 - 1:00 pm <i>SL-52</i> Weiwen Zhang <i>Synthetic Biology of Photosynthetic Cyanobacteria: Regulation of Tolerance</i>
		12:45 - 1:05 pm <i>SL-53</i> Iain Joseph McEwan <i>The Intrinsically Disordered Amino Terminal Domain of Steroid Hormone Receptors as a Novel Drug Target: Identification of Small Molecule Inhibitors</i>	
<b>LUNCH BREAK (Location: Essex Ballroom South – 3<sup>rd</sup> Floor): 1:00 - 2:30 PM</b>			
Locations	Lecture Hall St. George A & B 3 <sup>rd</sup> Floor	Lecture Hall St. George C 3 <sup>rd</sup> Floor	Lecture Hall St. George D 3 <sup>rd</sup> Floor
Tracks	<b>Innovative Drug Discovery and Nanotechnology</b> Chemistry / Combinatorial Chemistry Diabetes and Obesity Drug Discovery and Therapy	Protein & Peptide Sciences Drug Discovery in Preclinical Research	Pharmaceutical Biotechnology Plant & Environment
	Chairman: K. Motoyama Co-Chairman: G. Gouhier	Chairman: P.B. Watkins Co-Chairman: I. Nagy	Chairman: H.-Q. Ling Co-Chairman: J. Nilvebrant
2:30 - 2:50 pm <i>SL-54</i> Géraldine Gouhier <i>Cyclodextrins: An Appropriate Scaffold for New MRI Theranostic Probes</i>		2:30 - 2:50 pm <i>SL-55</i> Jing Li <i>Intrinsic Disorder and Allosteric in Glucocorticoid Receptor</i>	2:30 - 2:50 pm <i>SL-56</i> Johan Nilvebrant <i>Antibody Libraries Based on An Autonomous Human Variable Domain</i>

<p><b>2:50 - 3:10 pm</b>  <b>SL-57</b>  <b>Lajos Szente</b>  <i>Therapeutic and Diagnostic Utility of Cyclodextrin Derivatives</i></p>	<p><b>2:50 - 3:10 pm</b>  <b>SL-58</b>  <b>Raj Kumar</b>  <i>Role of Site-specific Phosphorylation in the Action of Glucocorticoid Receptor</i></p>	<p><b>2:50 - 3:10 pm</b>  <b>SL-59</b>  <b>Walter Schubert</b>  <i>Tissue Worlds2.0: MUS-ICR Robotics Decoding the Dark Space of Diseases-Experience with ALS to Therapy</i></p>
<p><b>3:10 - 3:30 pm</b>  <b>SL-60</b>  <b>Valentina Rapozzi</b>  <i>Innovative Drugs in Photodynamic Therapy</i></p>	<p><b>3:10 - 3:30 pm</b>  <b>SL-61</b>  <b>Lei Li</b>  <i>Discovery and Pharmacological Evaluation of Novel Caeridins with Smooth Muscle Activities, Isolated from the Skin Secretion of the Australian White's Tree Frog, Litoria caerulea</i></p>	<p><b>3:10 - 3:30 pm</b>  <b>SL-62</b>  <b>Sergey Suchkov</b>  <i>Antibody-proteases as a Novel Biomarker and Thus the Unique Target to Manage Demyelination: A Green Light to be Opened for Biopharma</i></p>
<p><b>3:30 - 3:50 pm</b>  <b>SL-63</b>  <b>Keiichi Motoyama</b>  <i>Mitophagy-mediated Novel Cell Death Induced by Folate-appended Methyl-<math>\beta</math>-cyclodextrin</i></p>	<p><b>3:30 - 4:00 pm</b>  <b>IL-64</b>  <b>Istvan Nagy</b>  <i>Integrated Approach to Identify New Targets for Analgesics for Burn Injury-associated Pain</i></p>	<p><b>3:30 - 3:50 pm</b>  <b>SL-65</b>  <b>Leyanis Rodríguez Vera</b>  <i>Pharmacometric Approach to Support Dosing Strategy of Nimotuzumab in Patients with Breast Cancer</i></p>
<p><b>3:50 - 4:10 pm</b>  <b>SL-66</b>  <b>José García Suárez</b>  <i>Production of a Novel Recombinant Polypeptide from Serratia marcescens for Cancer Therapy</i></p>	<p><b>4:00 - 4:20 pm</b>  <b>SL-67</b>  <b>Peter Juhasz</b>  <i>Target Discovery from Phenotypic Screens and Known Compounds of Unknown Target</i></p>	<p><b>3:50 - 4:10 pm</b>  <b>SL-68</b>  <b>Evan Bennett Siegel</b>  <i>Advancing New Biotechnology Products into Clinical Trials and Marketing Applications</i></p>
<p><b>4:10 - 4:30 pm</b>  <b>SL-69</b>  <b>Mostafa Mostafa Abo Elsoud</b>  <i>Effect of Gamma Irradiation on Biogenic Production of Tellurium Nanoparticles</i></p>	<p><b>4:20 - 4:40 pm</b>  <b>SL-70</b>  <b>Sini Junntila</b>  <i>Bioinformatic Next Generation Sequencing Data Analysis Workflow for Preclinical Studies</i></p>	<p><b>4:10 - 4:40 pm</b>  <b>IL-71</b>  <b>Hong-Qing Ling</b>  <i>Molecular Regulation Mechanisms of Iron Uptake and Homeostasis in Plants</i></p>

<b>4:30 - 4:50 pm</b> <b>SL-72</b> <b>Shamshad Begum Quraishi</b> <i>A New Approach for Diagnosis of Wilson's Disease and Bangladesh Perspective</i>	<b>4:40 - 5:00 pm</b> <b>SL-73</b> <b>Paul B. Watkins</b> <i>Using Quantitative Systems Toxicology (QST) to Assess Drug Safety: The Experience of the DILLsim Initiative</i>	<b>4:40 - 5:00 pm</b> <b>SL-74</b> <b>Junhua Peng</b> <i>Solar Radiation and Adaptive Genetic Differentiation in Wild Emer Wheat, <i>Triticum dicoccoides</i></i>
<b>4:50 - 5:10 pm</b> <b>SL-75</b> <b>Ying Wang</b> <i>Chemistry in the Fast Lane-enabling Technologies for Drug Discovery</i>	<b>5:00 - 5:20 pm</b> <b>SL-76</b> <b>Laszlo Urban</b> <i>Translational Aspects of Secondary Pharmacology</i>	<b>5:00 - 5:20 pm</b> <b>SL-77</b> <b>Huixia Shou</b> <i>Regulation of Phosphate Homostasis via the Ubiquitin-conjugating E2 Enzyme, PHO2 and a RING-type E3 Ubiquitin-ligase, OsNLA1 in Rice</i>
<b>5:10 - 5:30 pm</b> <b>SL-78</b> <b>Maria Grishina</b> <a href="http://www.ChemoSophia.com">www.ChemoSophia.com</a> <i>On-line Computational Services for In silico Drug Design and Screening</i>	<b>5:20 - 5:40 pm</b> <b>SL-79</b> <b>Graham Dempsey</b> <i>All-optical Electrophysiology for Neuroscience and Cardiovascular Drug Discovery</i>	<b>5:20 - 5:40 pm</b> <b>SL-80</b> <b>Qian-Hua Shen</b> <i>Barley Interaction with Powdery Mildew Fungus: How Protein Kinases Regulate Defense Transcriptions</i>
<b>5:30 - 5:50 pm</b> <b>SL-81</b> <b>Tarek Mahmoud Mahfouz</b> <i>Small Molecule Affinities for Sirt-1 Deacetylase Enzyme</i>		
<b>COFFEE BREAK (Location: Essex Ballroom Foyer – 3<sup>rd</sup> Floor): 5:30 - 6:00 PM</b>		



## DAY 3: Wednesday, July 12, 2017

Chairman: C. Ann Lemere Co-Chairman: N.H. Greig		JOINT PLENARY SESSION ::: Location: Essex Ballroom Center:: 3 <sup>rd</sup> Floor	
Time	Speakers	Titles	
9:00 - 9:45 am	<i>PL-82</i> <b>Ferid Murad</b> (Nobel Laureate)	<i>Application of Nitric Oxide Research to Drug Development</i>	
9:45 - 10:30 am	<i>PL-83</i> <b>Alexander D. MacKerell, Jr.</b>	<i>Can CADD Drive Drug Design and Development? Rapid Estimation of Relative Binding Affinities Based on Pre-Computed Ensembles</i>	
10:30 - 11:15 am	<i>PL-84</i> <b>D.K. Lahiri</b>	<i>Role of Non-coding RNAs in Alzheimer's Disease</i>	
<b>POSTER SESSION: 11:15 – 12:15 PM: (Location: Essex North West &amp; Center – 3<sup>rd</sup> Floor)</b> <b>LUNCH BREAK: 12:15 – 1:15 PM: (Location: Essex South – 3<sup>rd</sup> Floor)</b>			
Locations	Lecture Hall St. George A & B 3 <sup>rd</sup> Floor	Lecture Hall St. George C 3 <sup>rd</sup> Floor	Lecture Hall St. George D 3 <sup>rd</sup> Floor
Tracks	Hot Topics in Medicinal Chemistry  Drug Discovery in Preclinical Research	CNS Drug Discovery & Therapy	Industrial & Manufacturing Medical Biotechnology Nano Biotechnology Food Biotechnology
Chairman: P. Seneci Co-Chairman: S. Harper		Chairman: D.K. Lahiri Co-Chairman: R. Yan	Chairman: A.S. Mustafa Co-Chairman: K. Opwis
1:15 - 1:45 pm	<i>IL-85</i> <b>Pierfausto Seneci</b> <i>Function-oriented Synthesis (FOS), Rational Design and Serendipity: The AZA-tanshinone Story</i>	1:15 - 1:45 pm <i>IL-86</i> <b>Cynthia Ann Lemere</b> <i>Targeting a Pathogenic Seed, PyroGlu3 A<math>\beta</math>, in Alzheimer's Disease</i>	1:15 - 1:35 pm <i>SL-87</i> <b>Klaus Opwis</b> <i>Textile-fixed (Bio-) Catalysts</i>
1:45 - 2:15 pm	<i>IL-88</i> <b>Hidayat Hussain</b> <i>New Strategies to Generate New Chemical Diversity for Drug Discovery</i>	1:45 - 2:15 pm <i>IL-89</i> <b>Nigel H. Greig</b> <i>Proinflammatory Cytokine Inhibitors for the Treatment of Neurodegenerative Disorders</i>	1:35 - 1:55 pm <i>SL-90</i> <b>Zayniddin Muhidinov</b> <i>Fat and Waxes - Other Valuable Products from Plant Processing</i>
2:15 - 2:35 pm	<i>SL-91</i> <b>Toshiaki Matsubara</b> <i>An Insight into the Mechanism of the Electron-Transfer Induced Repair of the (6-4) T-T Photoproduct of DNA by the Photolyase. A Computational Study</i>	2:15 - 2:45 pm <i>IL-92</i> <b>Jack Timothy Rogers</b> <i>Cooperative RNA Modulation to Improve Iron Homeostasis Specific to Neurons while Providing Anti-amyloid Efficacy as a Potential Alzheimer's Disease Therapy</i>	1:55 - 2:15 pm <i>SL-93</i> <b>Muhammad Nauman Aftab</b> <i>Optimization of Saccharification Potential for Plant Biomass of Recombinant Hemicellulases from Bacillus licheniformis ATCC 14580</i>



<p>2:35 - 2:55 pm</p> <p><b>SL-94</b>  <b>Daniele Passarella</b>  <i>Self-assembling Drug-conjugates for Anti-cancer Targeting and Treatment</i></p>	<p>2:45 - 3:15 pm</p> <p><b>IL-95</b>  <b>Kumar Sambamurti</b>  <i>A Complex Cascade of Production and Degradation Determines the Yield of A<math>\beta</math> Yield In vivo</i></p>	<p>2:15 - 2:45 pm</p> <p><b>IL-96</b>  <b>Ipsita Roy</b>  <i>Natural Polymers of Bacterial Origin and Their Medical Applications</i></p>
<p>2:55 - 3:15 pm</p> <p><b>SL-97</b>  <b>Andrea Cavalli</b>  <i>Synthetic Lethality Triggered by Combining Olaparib with BRCA2-RAD51 Disruptors</i></p>	<p>3:15 - 3:35 pm</p> <p><b>Debomoy K. Lahiri</b>  <i>"View of the ROAD from the CAR- 2017" View of Research On Alzheimer's Disease (ROAD) from the Current Alzheimer Research (CAR)</i></p> <p><i>(10 Minutes Coffee Break)</i></p>	<p>2:45 - 3:05 pm</p> <p><b>SL-98</b>  <b>Mehmet Sami Serin</b>  <i>Biomarker Potential of Several MiRNAs for the Early Diagnosis of Hepatocellular Carcinoma Related with HBV and HCV Infections</i></p>
<p>3:15 - 3:35 pm</p> <p><b>SL-99</b>  <b>Aramini Andrea</b>  <i>TRPM8 Blockers: Rational Design of Novel Potent and Selective Small Molecule Chemical Series for Neuropathic Pain Relief</i></p>	<p>3:35 - 3:55 pm</p> <p><b>SL-100</b>  <b>Benjamin Wolozin</b>  <i>Stress Granules and Neurodegeneration: Novel Targets for Therapy in Amyotrophic Lateral Sclerosis and Alzheimer's Disease</i></p>	<p>3:05 - 3:25 pm</p> <p><b>SL-101</b>  <b>Abu Salim Mustafa</b>  <i>Genomic Characterization of Brucella Strains Isolated from Human Brucellosis Patients in Kuwait</i></p>
<p>3:35 - 3:55 pm</p> <p><b>SL-102</b>  <b>Steven Harper</b>  <i>Selective HDACI's for Non-Oncological Applications</i></p>	<p>3:55 - 4:15 pm</p> <p><b>SL-103</b>  <b>William Andrew Kofke</b>  <i>Functional Genomics in Human Brain Ischemia</i></p>	<p>3:25 - 3:45 pm</p> <p><b>SL-104</b>  <b>Thurai Moorthy</b>  <i>Molecular DX: Meeting Clinical Expectations</i></p>
<p>3:55 - 4:15 pm</p> <p><b>SL-105</b>  <b>Brijesh Rathi</b>  <i>Discovery of Multistage Antimalarials: Synergistic Fusion of Privileged Bioactive Scaffolds Triggers Growth Inhibition of Malaria Parasite Plasmodium falciparum</i></p>	<p>4:15 - 4:35 pm</p> <p><b>SL-106</b>  <b>Horng-Jyh Harn</b>  <i>Targeting Therapy of Malignant Brain Tumor by a Local Interstitial Delivery System Loading with a Novel Small Molecule IND for Phase I/IIa Approved by FDA (IND 128388)</i></p>	<p>3:45 - 4:05 pm</p> <p><b>SL-107</b>  <b>Zaira Martín-Moldes</b>  <i>Design of Silk-chimera Biomaterial Bioinorganic Interfaces Related to Mineralization</i></p>
<p>4:15 - 4:35 pm</p> <p><b>SL-108</b>  <b>Christine Gravier-Pelletier</b>  <i>Bacterial Peptidoglycan, Still a Source of Inspiration Towards Antibiotics</i></p>	<p>4:35 - 4:55 pm</p> <p><b>SL-109</b>  <b>Nicolas Marie</b>  <i>The mGlu7 Receptor: A New Target in the Therapy of Opiates Addiction?</i></p>	<p>4:05 - 4:25 pm</p> <p><b>SL-110</b>  <b>Katja Skorb</b>  <i>Self-adaptive and Stimuli-responsive Hybrid Polyelectrolyte/semiconductor Biosystems</i></p>

4:35 - 4:55 pm <i>SL-111</i> Mahboob Alam <i>Bioassay-guided Isolation of New Urease Inhibitors from Ferula narthex Boiss</i>	4:55 - 5:15 pm <i>SL-112</i> Colin Kelly Combs <i>Strategies for Inhibiting the A<math>\beta</math>-stimulated Microglial Signaling Response in Alzheimer's Disease</i>	4:25 - 4:45 pm <i>SL-113</i> Armin Eilaghi <i>Brain Magnetic Susceptibility is Associated with Cognitive Impairment in a Community Volunteer Population</i>
4:55 - 5:15 pm <i>SL-114</i> Juan Jesus Perez <i>Identification of a Novel Inhibitory Allosteric Site of p38 MAP Kinase</i>	5:15 - 5:45 pm <i>IL-115</i> Riqiang Yan <i>Inhibition of BACE1 for Alzheimer's therapy: Lessons from Conditional Deletion of BACE1 in AD Mouse Models</i>	4:45 - 5:05 pm <i>SL-116</i> Shiwen Huang <i>Improvement of Agrochemicals Performance by Nanotechnology and its Application in Agriculture</i>
5:15 - 5:35 pm <i>SL-117</i> Reggie Yadao Dela Cruz <i>Antioxidant, Anti-inflammatory and Anticancer Potentials of Philippine Ferns and Lycopods</i>	5:45 - 6:05 pm <i>SL-118</i> Xudong Huang <i>Machine Learning-based Classification of FDG-PET Images from ADNI Database</i>	5:405 - 5:15 pm <i>SL-119</i> Sujata Mohanty <i>Effect of Environment and Growth Phase on Curcumin Production and Differential Gene Expression in Cu</i>
	6:05 - 6:25 pm <i>SL-120</i> Debjani Roy <i>Epigenetics in Alzheimer's Disease: The Computational Systems Biology Paradigm for Understanding the epigenetic-based Markers and Drugs</i>	
<b>COFFEE BREAK (Location: Essex Ballroom Foyer – 3<sup>rd</sup> Floor): 5:00 - 6:00 PM</b>		

## DAY 4: Thursday, July 13, 2017

Chairman: R. Kumar Co-Chairman: S.S. Hasnain		JOINT PLENARY SESSION ::: Location: Essex Ballroom Center ::: 3 <sup>rd</sup> Floor	
Time	Speakers	Titles	
9:00 - 9:45 am	<i>PL-121</i> <b>Vladimir Torchilin</b>	<i>Stimuli-sensitive Multifunctional Combination Nanopreparations of siRNA and Chemotherapeutic Drugs to Treat Multidrug Resistant Cancer</i>	
9:45 - 10:30 am	<i>PL-122</i> <b>Steven A. Carr</b>	<i>Quantitative Proteomics in Biology, Chemistry and Medicine</i>	
10:30 - 11:15 am	<i>PL-123</i> <b>Stuart L. Schreiber</b>	<i>Chemistry Towards Novel Mechanism-of-action Compounds in Therapeutics Discovery</i>	
<b>POSTER SESSION: 11:15 – 12:15 PM: (Location: Essex North West &amp; Center – 3<sup>rd</sup> Floor)</b> <b>LUNCH BREAK: 12:15 – 1:15 PM: (Location: Essex South – 3<sup>rd</sup> Floor)</b>			
Locations	Lecture Hall St. George A & B 3 <sup>rd</sup> Floor	Lecture Hall St. George C 3 <sup>rd</sup> Floor	Lecture Hall St. George D 3 <sup>rd</sup> Floor
Tracks	Structural Biology  Hot Topics in Natural Products	Cancer Targeted Drug Delivery / Cancer Biomarkers  Nutraceutical Drug Discovery & Therapy	Inflammation and Immunology
Chairman: G-L. Hsu Co-Chairman: N. Aygun		Chairman: D. Dinulescu Co-Chairman: S.R. Setlur	
1:15 - 1:50 pm	<i>KNL-124</i> <b>S. Samar Hasnain</b> <i>Structure Based Approach in Drug Discovery and Identification of Ligand Binding Sites</i>	1:15 - 1:50 pm <i>KNL-125</i> <b>Rakesh Kumar</b> <i>ERBB2 Transcriptome: From Biology to Genomics to Biology</i>	1:15 - 1:45 pm <i>IL-126</i> <b>Stephen Thomas Sonis</b> <i>Opportunities for Target Identification to Prevent and Treat Cancer Regimen-related Toxicities</i>
1:50 - 2:10 pm	<i>SL-127</i> <b>Nevim Aygun</b> <i>Non-B DNA Structures as Candidate Drug Targets Against Structural Chromosomal Instability</i>	1:50 - 2:10 pm <i>SL-128</i> <b>Daniela Dinulescu</b> <i>Predictive and Prognostic Biomarkers for Chemoresistance in Ovarian Cancer</i>	1:45 - 2:05 pm <i>SL-129</i> <b>Oreola Donini</b> <i>Modulation of Innate Immunity in the Treatment of Inflammation-driven and Infection-driven Disease</i>
2:10 - 2:30 pm	<i>SL-130</i> <b>Balasundaram Padmanabhan</b> <i>Structure-based Drug Discovery of Small Molecule Modulators for Human Superoxide Dismutase I (hSOD1) Associated with ALS</i>	2:10 - 2:30 pm <i>SL-131</i> <b>Sunita Ramakrishna Setlur</b> <i>Early MicroRNA Biomarkers of High Grade Serous Ovarian Cancer</i>	2:05 - 2:25 pm <i>SL-132</i> <b>Gregory Zugates</b> <i>An Inflammation-targeted Hydrogel Drug Delivery Platform: Application to Interstitial Cystitis</i>

<p>2:30- 2:50 pm  <b>SL-133</b>  <b>Geng-Long Hsu</b>  <i>Discovery of a Natural Product for the Treatment of Erectile Dysfunction</i></p>	<p>2:30 - 2:50 pm  <b>SL-134</b>  <b>Hong Zhang</b>  <i>Metabotropic Glutamate Receptor 5 mediates the Suppressive Effect of 6-OHDA-induced Model of Parkinson's Disease on Liver Cancer</i></p>	<p>2:25 - 2:45 pm  <b>SL-135</b>  <b>Michael Bonkowski</b>  <i>Protection from Radiation by Small Molecules That Raise NAD</i></p>
<p>2:50- 3:10 pm  <b>SL-136</b>  <b>Geng-Long Hsu</b>  <i>A Compound Inhibits Jointly Phosphodiesterase 1 and 5</i></p>	<p>2:50- 3:10 pm  <b>SL-137</b>  <b>Amr Amin</b>  <i>Development of a Therapeutic Model of Precancerous Liver Using Crocin-coated Magnetite Nanoparticles</i></p>	<p>2:45- 3:05 pm  <b>SL-138</b>  <b>Dominic Richard Beal</b>  <i>Murine Models of GVHD – Modifications and Enhancements to Improve Reliability and Translatability</i></p>
<p>3:10- 3:30 pm  <b>SL-139</b>  <b>Fatema Habeeb</b>  <i>A mixture of Camel Milk and Urine Shows Anticancer Properties in vitro and in vivo: An Evidence of a Traditional Ethnomedicine Practice</i></p>	<p>3:10- 3:30 pm  <b>SL-140</b>  <b>Chandrakanth Emani</b>  <i>Basil, Ginger, Neem and Tobacco Extracts as Alternative and Integrative Treatment Options for Cancer</i></p>	<p>3:05- 3:25 pm  <b>SL-141</b>  <b>Arthur P. Bertolino</b>  <i>Brilacidin, A Novel Anti-inflammatory Drug Candidate: Shows Potential Benefit in Both Severe Oral Mucositis and in Inflammatory Bowel Disease</i></p>
	<p>3:30- 3:50 pm  <b>SL-142</b>  <b>Waseem Hassan</b>  <i>Effect of Co-60 Gamma Radiation on Physicochemical Properties of Stored Peach (Prunus persica)</i></p>	

**COFFEE BREAK (Location: Essex Ballroom Foyer – 3<sup>rd</sup> Floor) : 3:30 - 4:00 PM**

**CASH PRIZE ANNOUNCEMENT FOR THE BEST POSTER AT 4:15 PM**

**Location: Essex South (3rd Floor)**

**(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*