Event Schedule

Time: June 16-18, 2016

Venue: Korea International Exhibition Center (KINTEX), Gyeonggi, South Korea

	June 15, 2016	June 16, 2016	June 17, 2016	June 18, 2016
Date and Time	Day 0	Day 1	Day 2	Day 3
	(Wednesday)	(Thursday)	(Friday)	(Saturday)
			Session 1-2: Lead Optimization Strategies	Session 2-3: ADME and Toxicology
			(Room No. 305, 3 rd Floor, KINTEX 2)	(Room No. 305, 3 rd Floor, KINTEX 2)
			Session 3-2: Novel Technologies for Biotherapeutic	Session 3-3: Nanotechnologies for Drug Delivery
		Opening Ceremony & Keynote Forum	Drug Delivery	Systems
08:30-12:10		(Room No. 301, 3 rd Floor, KINTEX 2)	(Room No. 305, 3 rd Floor, KINTEX 2)	(Room No. 306, 3 rd Floor, KINTEX 2)
			Session 5-1: Biologics Drugs	Session 6-3: Muscle, Joint and Bone Disorders
			(Room No. 306, 3 rd Floor, KINTEX 2)	(Room No. 307, 3 rd Floor, KINTEX 2)
			Session 6-1: Metabolic Disorders	Session 6-4: Infection Diseases (Part I)
			(Room No. 307, 3 rd Floor, KINTEX 2)	(Room No. 307, 3 rd Floor, KINTEX 2)
12:10-13:30			Lunch	
	Domietration	Consistent 1. Dans Decision and Counthrolis		Session 3-4: Medical Devices for Drug Delivery,
	wegisti anon	Session 1-1. Drug Design and Synthesis		Surgery and Therapy
		(KOOM NO. 303, 3 F1000, KINIEA Z)	Session 1-3: Small Molecule Drug for Major Diseases	(Room No. 305, 3 rd Floor, KINTEX 2)
		person 2-1. Final macovignance, Drug Sarety and	(Room No. 305, 3rd Floor, KINTEX 2)	Session 6-4: Infection Diseases (Part II)
		Kisk Management	Session 2-2: Neuropsychopharmacology and Drug	(Room No. 306, 3 rd Floor, KINTEX 2)
13:30-17:30		(KOOM NO. 300, 3 F100), MINIEA 2)	Discovery	Session 6-5: Cardiovascular Diseases
		DDS Tochnologies	(Room No. 306, 3 rd Floor, KINTEX 2)	(Room No. 305, 3 rd Floor, KINTEX 2)
		Observable 201 2rd Electron VINTEV 2)	Session 6-2: Digestive System Diseases	Session 6-6: Other Diseases
		(Room No. 307, 3 Floor, MINIEAZ)	(Room No. 307, 3 rd Floor, KINTEX 2)	(Room No. 307, 3 rd Floor, KINTEX 2)
		Apparent Na 200 and France Printery 31		Young Scientist Forum
		(KOOM IVO. 300, 3 FIOOF, MINIEA 2)		(Room No. 307, 3 rd Floor, KINTEX 2)
17:30-18:30			Social Hour	
18:30-20:30	Dinner	Welcome Banquet	id	Dinner

Program

Time: June 16-18, 2016

Venue: Korea International Exhibition Center (KINTEX), Gyeonggi, South Korea

Registration

Time: 09:00-22:00, June 15, 2016 (Wednesday): Place: Registration Desk, 1st Floor, MVL Hotel Time: 08:00-18:00, June 16, 2016 (Thursday); Place: Registration Desk, 3rd Floor, KINTEX 2

Opening Ceremony & Keynote Forum

Keynote Forum

Time: 09:00-11:40, June 16, 2016 (Thursday): Place: Room No. 301, 3rd Floor, KINTEX 2

Moderator	<i>Dr. Jianxun Xie,</i> Head of Toxicology, Roche Innovation Center Shanghai, China
09:00-09:10	Opening Remark
09:10-09:40	Title: Accelerated Innovative Process Chemistry Applications are Integral
	Part of Drug Development
	Dr. Chris H. Senanayake, Vice President, Department of Chemical
	Development, Boehringer Ingelheim Pharmaceuticals, Inc., USA
09:40-10:10	Title: Understanding and Overcoming Barriers in RNA Interference
	Dr. Bruce Given, COO, Arrowhead Research Corporation, USA
10:10-10:40	Title: FDA's Proposed Rule on Generic Drug Labeling Could Present Major
	Challenges to the Generic Drug Industry
	Dr. Joseph P. Thomas, Chair of the Life Sciences Group and Co-chair of
	the Litigation Department, Ulmer & Berne LLP, USA
10:40-11:10	Title: The Microbiome-A Universe of Therapeutic Potential
	Mr. Sean Hall, CEO, Medlab Clinical Ltd., Australia
11:10-11:40	Title: From Protein Structures to the Clinic
	Dr. Seonggu Ro, Executive Vice President & CTO, CrystalGenomics, Inc.,
	South Korea

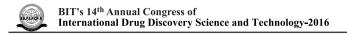
Part 1: Medicinal Chemistry

Session 1-1: Drug Design and Synthesis

Time: 13:30-18:00, June 16, 2016 (Thursday); Place: Room No. 305, 3rd Floor, KINTEX 2

Chair	Dr. Xiang-Qun Xie, Associate Dean and Professor, School of Pharmacy,
	University of Pittsburgh, USA

13:30-13:35 Chair's Introduction



13:35-14:00	Keynote Speech Title: How Green is Green? Crafting a General Green Chemistry Strategy for Industry
	<i>Dr. Frank Roschangar</i> , Director, Process Research & Global External Chemistry Management, Chemical Development US, Boehringer Ingelheim Pharmaceuticals Inc., USA
14:00-14:25	Title: Precision Pharmacology. Thinking Inside Precision Medicine via Diseases-Specific Chemogenomics Knowledgebases and TargetHunter© Dr. Xiang-Qun Xie, Associate Dean and Professor, School of Pharmacy, University of Pittsburgh, USA
14:25-14:50	Title: Disaccharide Mimetics as Drugs Against Cancer and Epitopes for Anti-Cancer Vaccine Candidates Dr. Pierre Vogel, Professor, Swiss Institute of Technology in Lausanne
14:50-15:15	(EPFL), Switzerland Title: First Successful Use of Halogen Bonding in Structure-Based Drug Design to Generate a Novel Factor Xa Inhibitor Candidate Dr. Patrick Y. S. Lam, Adjunct Professor, Drexel University College of Medicine, USA
15:15-15:30	Coffee Break
15:30-15:55	Title: Native State Mass Spectrometry to Identify Novel Chemical Starting Points for Drug Discovery
15:55-16:20	Dr. Sally-Ann Poulsen, Professor, Griffith University, Australia Title: Quantum Mechanical Virtual Screening: Most Accurate and Efficient Tool for Computational Drug Design Dr. Pavel Hobza, Professor, Institute of Organic Chemistry and Biochemistry
16:20-16:45	AS CR, v.v.i., Czech Republic Title: Selective P14K III β Inhibitors as Potential Broad-Spectrum Antiviral Agents and Tools for Chemical Biology Dr. Radim Nencka, Group Leader, Institute of Organic Chemistry and Biochemistry AS CR, v.v.i., Czech Republic
16:45-17:10	Title: Copper Mixed Chelate Complexes, Anticancer Activity and Mechanism of Action Dr. Lena Ruiz-Azuara, Professor, National Autonomous University of Mexico, Mexico
17:10-17:35	Title: Design and Synthesis of Anti-viral Modified Nucleosides Based on a New Concept to Win the Battle Against Emerging Viruses
17:35-18:00	 Dr. Hiroshi Ohrui, Professor, Yokohama University of Pharmacy, Japan Title: Synthesis of Antimicrobial Natural Products and Their Analogues -Martineline and Tubastrine Dr. Magne O. Sydnes, Associate Professor, Faculty of Science and Technology, Department of Mathematics and Natural Science, University of Stavanger, Norway

Session 1-2: Lead Optimization Strategies

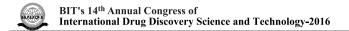
Time: 08:30-10:15, June 17, 2016 (Friday); Place: Room No. 305, 3rd Floor, KINTEX 2

Chair	<i>Dr. Thien Nguyen</i> , Head of Biotechnology, Centre of Research and Development, Pierre Fabre, France
08:30-08:35	Chair's Introduction
08:35-09:00	Title: High Density Production of Triptolide, A Potent Anti-Inflammatory Diterpene, by a Novel Cell Culture Engineering of Tripterygium Wilfordii
	Dr. Thien Nguyen, Head of Biotechnology, Centre of Research and Development, Pierre Fabre, France
09:00-09:25	Title: Prediction of Drug Metabolism in Live; Enzyme Selectivity, Regioselectivity, Phase II, Ion Channels, and Nuclear Receptor in Hepatocyte
	Dr. Kyoung Tai No, Professor, Department of Biotechnology, Yonsei University, South Korea
09:25-09:50	Title: Synthesis of the New Family Betulinic Acid-Triazolylpeptide Conjugates Possessing High Hepatoprotective and Anti-Inflammatory Activity
	Dr. Sergey F. Vasilevsky, Head, Institute of Chemical Kinetics and Combustion, Russia
09:50-10:15	Title: Immunomodulatory Effects of Traditional Chinese Medicine on Allergic Diseases
	<i>Dr. Ting-I Kao</i> , Attending Physician, Center of Traditional Chinese Medicine, Chang Gung Memorial Hospital, Taiwan

Session 1-3: Small Molecule Drug for Major Diseases

Time: 13:30-16:45, June 17, 2016 (Friday); Place: Room No. 305, 3rd Floor, KINTEX 2

Chair	Dr. Nils Hansen, CEO, Vipergen ApS, Denmark
13:30-13:35	Chair's Introduction
13:35-14:00	Title: Novel Multicomponent Reaction: Synthetic Tool for Array of Focused
	Libraries Design
	Dr. Volodymyr Kysil, Director of Chemistry, ChemDiv, Inc., USA
14:00-14:25	Title: Thrompopoietin Receptor Signaling Pathways Activation by Calreticulin
	Mutants Differ from Those Activated Downstream of TpoR and JAK2 Mutants
	Dr. Meng Ling Choong, Group Leader, Experimental Therapeutics Centre,
	A*Star, Singapore
14:25-14:50	Title: Discovery of Single Digit Nanomolar Small Molecule Protein-Protein
	Interaction Blockers
	Dr. Nils Hansen, CEO, Vipergen ApS, Denmark
14:50-15:15	Title: Chemotherapeutic Agent-Mediated Mitotic Arrest, Endoreduplication,
	and Apoptosis Induction
	Dr. Young Ho Kim, Professor, Kyungpook National University, South Korea
15:15-15:30	Coffee Break



15:30-15:55	Title: A Promising Use of Some Functionalized Anthraquinone, Tepene and
	Indole Scaffold as Antitumor Agents Targeting Apoptotic Pathway
	Dr. Heng-Shan Wang, Director, Guangxi Normal University, China
15:55-16:20	Title: Identification of Natural Small-Molecule from Herbal Medicines for
	Double Targets of SERCA and P-gp in Multidrug-Resistant Cancers
	Dr. Vincent Wong, Associate Professor, Macau University of Science and
	Technology, Macau, China
16:20-16:45	Title: Development of Thienopyridines as Anticancer Agents
	Dr. Johannes Reynisson, Senior Lecturer, School of Chemical Sciences,
	University of Auckland, New Zealand

Part 2: Pharmacology and Toxicology

Session 2-1: Pharmacovigilance, Drug Safety and Risk Management

Time: 13:30-15:40, June 16, 2016 (Thursday); Place: Room No. 306, 3rd Floor, KINTEX 2

Dr. Panhael Nudelman Associate Director Head of Chemical &

Chair	Dr. Raphael Nuaelman, Associate Director, Head of Chemical &
	Computational Toxicology, Teva Pharmaceutical Industries Ltd., Israel
13:30-13:35	Chair's Introduction
13:35-14:00	Title: Genotoxic Impurities: Strategy for Assessment and Control
	Recommendations
	Dr. Raphael Nudelman, Associate Director, Head of Chemical &
	Computational Toxicology, Teva Pharmaceutical Industries Ltd., Israel
14:00-14:25	Title: Potential Confounding Effects of Benzyl Alcohol as a Formulation
	Excipient Support the Elimination of the Abnormal Toxicity Test from
	Pharmacopoeias
	Dr. Jianxun Xie, Head of Toxicology, Roche Innovation Center Shanghai,
	China
14:25-14:50	Title: Safety Evaluation of Natural Products
	Dr. Hongtao Jin, Vice Director, New Drug Safety Evaluation Center (NDSEC),
	PUMC & CAMS; Beijing Union-Genius Pharma, China
14:50-15:15	Title: Pancreatitis Associated with the Use of GLP-1 Analogs and DPP-4
	Inhibitors: A Case/Non-Case Study
	Dr. Herve Le Louet, Professor of Clinical Pharmacology, University Paris-
	Est Creteil (UPEC), France
15:15-15:40	Title: Current Applications for Torsadogenic Index
	Dr. Adrian Angel Inchauspe, Professor, National University of La Plata,
	Argentina

Session 2-2: Neuropsychopharmacology and Drug Discovery

Time: 13:30-17:10, June 17, 2016 (Friday); Place: Room No. 306, 3rd Floor, KINTEX 2

Chair Dr. Olivier Bezencon, Senior Group Leader, Actelion Pharmaceuticals Ltd., Switzerland

Chair

13:30-13:35	Chair's Introduction
13:35-14:00	Title: Discovery of Potent, Selective T-channel Blockers for the Treatment of Generalized Epilepsies
	<i>Dr. Olivier Bezencon</i> , Senior Group Leader, Actelion Pharmaceuticals Ltd., Switzerland
14:00-14:25	Title: On the Antidepressant Efficacy of Metabotropic Glutamate Receptor Ligands
	<i>Dr. Andrzej Pilc</i> , Head, Neurobiology Department, Institute of Pharmacology, Polish Academy of Sciences, Poland
14:25-14:50	Title: Glutamatergic Modulation of Human Cognition with NMDA Receptor Antagonist Treatment: Electrophysiological Models
	Dr. Verner J. Knott, Director, Clinical Neuroelectrophysiology and Cognitive Research Laboratory, University of Ottawa Institute of Mental Health Research, Canada
14:50-15:15	Title: The New Actions of Quetiapine Beyond the Blockade of Dopamine Receptors
	Dr. Haiyun Xu, Professor, Shantou University Medical College, China
15:15-15:30	Coffee Break
15:30-15:55	Title: Corticosterone Mitigates the Stress Response in an Animal Model of PTSD
	<i>Dr. He Li, Associate Professor</i> , Uniformed Service University of Health Sciences, USA
15:55-16:20	
15:55-16:20	Sciences, USA Title: A Randomized, Double-Blind, Placebo-Controlled Phase III Trial of Duloxetine Dr. Chie Usui, Associate Professor, Department of Psychiatry, Juntendo University School of Medicine, Japan
15:55-16:20 16:20-16:45	Sciences, USA Title: A Randomized, Double-Blind, Placebo-Controlled Phase III Trial of Duloxetine Dr. Chie Usui, Associate Professor, Department of Psychiatry, Juntendo University School of Medicine, Japan Title: Identification of Novel Autophagic Fraction by Cell Membrane Chromatography and UHPLC-Q/TOF-MS for Degradation of
	Sciences, USA Title: A Randomized, Double-Blind, Placebo-Controlled Phase III Trial of Duloxetine Dr. Chie Usui, Associate Professor, Department of Psychiatry, Juntendo University School of Medicine, Japan Title: Identification of Novel Autophagic Fraction by Cell Membrane
	Sciences, USA Title: A Randomized, Double-Blind, Placebo-Controlled Phase III Trial of Duloxetine Dr. Chie Usui, Associate Professor, Department of Psychiatry, Juntendo University School of Medicine, Japan Title: Identification of Novel Autophagic Fraction by Cell Membrane Chromatography and UHPLC-Q/TOF-MS for Degradation of Neurodegenerative Disease Proteins Dr. Betty Yuen Kwan Law, Assistant Professor, Macau University of Science

Session 2-3: ADME and Toxicology

Time: 08:30-12:10, June 18, 2016 (Saturday); Place: Room No. 305, 3rd Floor, KINTEX 2

Chair Dr. Cyrus Khojasteh, Associate Director, Genentech, Inc., USA

08:30-08:35	Chair's Introduction
08:35-09:00	Title: Recent Advances in ADME and Safety Optimization of Small Molecule
	Drugs
	Dr. Franz Schuler, Head of Drug Disposition and Safety, Pharmaceutical
	Sciences, Roche Pharma Research and Early Development (pRED), Roche
	Innovation Center Basel, F. Hoffmann-La Roche Ltd., Switzerland
09:00-09:25	Title: Properties of Circulating Metabolites
	Dr. Cyrus Khojasteh, Associate Director, Genentech, Inc., USA
09:25-09:50	Title: A New Rapid in vitro Assay for Assessing of the Reactivity of Acyl Glucuronides
	Dr. Giorgio Ottaviani, Head of Pharmaceutical Sciences, Roche Innovation
	Center Shanghai, China
09:50-10:15	Title: Non-Clinical Toxicology of Nicotine and Aerosol from a Heated Tobacco
	Product
	Dr. Patrick Vanscheeuwijck, Director of Pre-Clinical Toxicology, Reduced
	Risk Products, Philip Morris International, Switzerland
10:15-10:30	Coffee Break
10:15-10:30 10:30-10:55	
	Title: Nematic Protein Organisation Technology ,A Powerful Tool to Track
	Title: Nematic Protein Organisation Technology ,A Powerful Tool to Track Drug Mode of Action and off Targets Side Effects Already at Early Preclinical
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	Title: Nematic Protein Organisation Technology ,A Powerful Tool to Track Drug Mode of Action and off Targets Side Effects Already at Early Preclinical Development Dr. Pierre Eftekhari, Founder and Director, Inoviem Scientific, Strasbourg
10:30-10:55	Title: Nematic Protein Organisation Technology ,A Powerful Tool to Track Drug Mode of Action and off Targets Side Effects Already at Early Preclinical Development Dr. Pierre Eftekhari, Founder and Director, Inoviem Scientific, Strasbourg University, France
10:30-10:55	Title: Nematic Protein Organisation Technology ,A Powerful Tool to Track Drug Mode of Action and off Targets Side Effects Already at Early Preclinical Development Dr. Pierre Eftekhari, Founder and Director, Inoviem Scientific, Strasbourg University, France Title: Effect of Food in Bioequivalence Studies of Delayed Release Dosage
10:30-10:55	Title: Nematic Protein Organisation Technology ,A Powerful Tool to Track Drug Mode of Action and off Targets Side Effects Already at Early Preclinical Development Dr. Pierre Eftekhari, Founder and Director, Inoviem Scientific, Strasbourg University, France Title: Effect of Food in Bioequivalence Studies of Delayed Release Dosage Forms of Proton Pump Inhibitors
10:30-10:55 10:55-11:20	Title: Nematic Protein Organisation Technology ,A Powerful Tool to Track Drug Mode of Action and off Targets Side Effects Already at Early Preclinical Development Dr. Pierre Eftekhari, Founder and Director, Inoviem Scientific, Strasbourg University, France Title: Effect of Food in Bioequivalence Studies of Delayed Release Dosage Forms of Proton Pump Inhibitors Dr. Rana Bustami, General Manager, Pharmaceutical Research Unit, Jordan
10:30-10:55 10:55-11:20	Title: Nematic Protein Organisation Technology ,A Powerful Tool to Track Drug Mode of Action and off Targets Side Effects Already at Early Preclinical Development Dr. Pierre Eftekhari, Founder and Director, Inoviem Scientific, Strasbourg University, France Title: Effect of Food in Bioequivalence Studies of Delayed Release Dosage Forms of Proton Pump Inhibitors Dr. Rana Bustami, General Manager, Pharmaceutical Research Unit, Jordan Title: Interference of Antidepressant Drug Fluoxetine with the Metabolism
10:30-10:55 10:55-11:20 11:20-11:45	Title: Nematic Protein Organisation Technology ,A Powerful Tool to Track Drug Mode of Action and off Targets Side Effects Already at Early Preclinical Development Dr. Pierre Eftekhari, Founder and Director, Inoviem Scientific, Strasbourg University, France Title: Effect of Food in Bioequivalence Studies of Delayed Release Dosage Forms of Proton Pump Inhibitors Dr. Rana Bustami, General Manager, Pharmaceutical Research Unit, Jordan Title: Interference of Antidepressant Drug Fluoxetine with the Metabolism of Thyroid Hormones Dr. Stanislav Pavelka, Associate Professor, Masaryk University, Czech Republic
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10:30-10:55 10:55-11:20 11:20-11:45	Title: Nematic Protein Organisation Technology ,A Powerful Tool to Track Drug Mode of Action and off Targets Side Effects Already at Early Preclinical Development Dr. Pierre Eftekhari, Founder and Director, Inoviem Scientific, Strasbourg University, France Title: Effect of Food in Bioequivalence Studies of Delayed Release Dosage Forms of Proton Pump Inhibitors Dr. Rana Bustami, General Manager, Pharmaceutical Research Unit, Jordan Title: Interference of Antidepressant Drug Fluoxetine with the Metabolism of Thyroid Hormones Dr. Stanislav Pavelka, Associate Professor, Masaryk University, Czech Republic

Part 3: Drug Delivery

Session 3-1: Breaking Research and Innovative DDS Technologies

Time: 13:30-17:35, June 16, 2016 (Thursday); Place: Room No. 307, 3rd Floor, KINTEX 2

Chair	<i>Dr. Xujin Lu</i> , Senior Principal Scientist, Bristol-Myers Squibb Company,
	USA

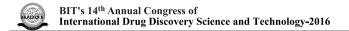
Co-Chair Dr. Andrei Blasko, Senior Fellow, Pharmaceutical and Analytical Development,
Novartis Pharma, USA

13:30-13:35	Chair's Introduction
13:35-14:00	Title: ViscoGel™ and Viscomulsion™, Two Novel Particulate Hydrogel
	Drug Delivery Systems Allowing for Tuning of Drug Release-and
	Biodegradation Rate
	Dr. Mats Andersson, Founder and Chief Scientific Officer, Viscogel AB,
	Sweden
14:00-14:25	Title: Taste Masking Evaluation Using Simulated Saliva for Polymer Coated
	API in Pediatric Formulation Development
	Dr. Xujin Lu, Senior Principal Scientist, Bristol-Myers Squibb Company,
	USA
14:25-14:50	Title: Preformulation and Biopharmaceutical Support for Lung Delivery
	Dr. Andrei Blasko, Senior Fellow, Pharmaceutical and Analytical Development,
	Novartis Pharma, USA
14:50-15:15	Title: Maximising Patent Protection for Drug Delivery Technologies
	Mr. Mike Nelson, Partner, HGF Limited, UK
15:15-15:30	Coffee Break
15:30-15:55	Title: Development of High Drug Loaded Pellets by Design of Experiment,
13.30-13.33	Population Balance Model Calculation and In-Process Control
	Dr. Bertram Wolf, Professor, Anhalt University of Applied Sciences, Germany
15:55-16:20	Title: Design and Selection of Appropriate Peptide-Drug-Conjugates for
13.33 10.20	Target Drug Delivery
	Dr. Michael Firer, Associate Professor, Ariel University, Israel
16:20-16:45	Title: The Role of APOL1 Variants in the Development of Focal Segmental
10.20 10.10	Glomerulosclerosis in South African Children with Idiopathic and HIV-
	Related Nephrotic Syndrome
	<i>Dr. Rajendra Bhimma</i> , Associate Professor, University of KwaZulu-Natal,
	South Africa
16:45-17:10	Title: Enhanced Skin Delivery of Resveratrol and Other Polyphenols by
	Microemulsions
	Dr. Shuji Kitagawa, President, Kobe Pharmaceutical University, Japan
17:10-17:35	Title: Effect of Excipients on Lag Time of Press Coated Tablets as Pulsatile
	Drug Delivery for the Treatment of Rhematoid Arthritis
	Dr. Deepali Kaduskar, Assistant Professor, NMIMS University, India

Session 3-2: Novel Technologies for Biotherapeutic Drug Delivery

Time: 10:30-11:50, June 17, 2016 (Friday); Place: Room No. 305, 3rd Floor, KINTEX 2

Chair	Dr. Bruce Given, COO, Arrowhead Research Corporation, USA
10:30-10:35	Chair's Introduction
10:35-11:00	Title: Addressing RNAi Delivery Challenges Using a Modular, Ligand-
	Mediated Approach
	Dr. Bruce Given, COO, Arrowhead Research Corporation, USA



11:00-11:25	Title: Application of Trophic Biopolymer Matrix for Targeted Delivery of
	Antibacterial Nanoparticles
	Dr. Irina A. Shurygina, Deputy Director, Irkutsk Scientific Center of Surgery
	and Traumatology, Russia
11:25-11:50	Title: Combination of Vitamin-E Conjugation with Lipid Nanoparticle
	Formulation as a Novel Enteral Delivery Technology for a Systemic Liver
	Targeting of Therapeutic Oligonucleotides
	Dr. Chie Watanabe, Assistant Professor, Osaka Ohtani University, Japan

Session 3-3: Nanotechnologies for Drug Delivery Systems

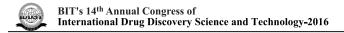
Time: 08:30-11:05, June 18, 2016 (Saturday); Place: Room No. 306, 3rd Floor, KINTEX 2

Chair	Mr. Sean Hall, CEO, Medlab Clinical Ltd., Australia
08:30-08:35	Chair's Introduction
08:35-09:00	Title: Redefining the Curve - Sustainable Compound Delivery Through Nanoparticles
	Mr. Sean Hall, CEO, Medlab Clinical Ltd., Australia
09:00-09:25	Title: Nanotechnology-based Strategies for Targeted Drug Delivery in the Eye
	Dr. Randolph D Glickman, Professor, University of Texas Health Science Center, USA
09:25-09:50	Title: Immunotoxicity, Immunogenicity of Nano-Drugs-Nano-Carriers; Testing the Phenomenon in a Sensitive Pig Model and Development of Prevention
	<i>Dr. Rudolf Urbanics</i> , Head, Semmelweis University & SeroScience Ltd., Hungary
09:50-10:15	Title: Nano-drug Transporters: But What If Your Delivery Systems Turns Out to be an Active Pharmaceutical Ingredient?
	Dr. Anthony W. Coleman, Research Director, University of Lyon 1, France
10:15-10:40	Title: A Few Strategies of Using Carbon Nanotubes as Smart Drug Delivery Systems. Insights into Mechanisms of Action from Molecular Dynamics Simulations
	<i>Dr. Tomasz Panczyk</i> , Associate Professor, Jerzy Haber Institute of Catalysis and Surface Chemistry, Polish Academy of Sciences, Poland
10:40-11:05	Title: Nanomedicines with Plant Bioactive Payload for the Treatment of Experimental Diabetes
	<i>Dr. Partha Roy</i> , Assistant Professor, Department of Pharmacy, Adamas University, India

Session 3-4: Medical Devices for Drug Delivery, Surgery and Therapy

Time: 13:30-15:15, June 18, 2016 (Saturday); Place: Room No. 305, 3rd Floor, KINTEX 2

Chair Dr. Hak Jong Lee, Professor, Seoul National University, South Korea



13:30-13:35	Chair's Introduction
13:35-14:00	Title: Gene and Drug Delivery Using Ultrasound Contrast Agent
	Dr. Hak Jong Lee, Professor, Seoul National University, South Korea
14:00-14:25	Title: Human-healing Effects of Loess Balls Prepared by Fine Particle Design
	Technology and Its Application to Bio-Products
	Dr. Woo Sik Choi, President, Korea Association of Powder Process Industry
	and Engineering (KAPPIE), South Korea
14:25-14:50	Title: Next Generation Packaging: Stability of a Bisphosphonate Drug in
	SiOPlas™ Barrier Coated Vials
	Dr. Sandra L. True, Senior Applications Scientist, SiO2 Medical Products,
	USA
14:50-15:15	Title: Smart Inhalers-Improving Patient Compliance and Reducing Healthcare
	Cost
	Mr. Dana Shears, Sales Director, Presspart, USA

	Cost Mr. Dana Shears, Sales Director, Presspart, USA	
Part 4: Gener	rics	
Session 4-1: Generics Time: 13:30-16:05, June 16, 2016 (Thursday); Place: Room No. 308, 3 rd Floor, KINTEX 2		
Chair	<i>Dr. Joseph P. Thomas</i> , Chair of the Life Sciences Group and Co-chair of the Litigation Department, Ulmer & Berne LLP, USA	
13:30-13:35	Chair's Introduction	
13:35-14:00	Title: Risk Mitigation Strategies in the Sale and Distribution of Generic Pharmaceutical Products in the U.S. Market	
	<i>Dr. Joseph P. Thomas</i> , Chair of the Life Sciences Group and Co-chair of the Litigation Department, Ulmer & Berne LLP, USA	
14:00-14:25	Title: The 'Single Place of Truth' Effective of Regulatory Information Management for Generics Dr. Olof Solventhe Director of Strategie Development Someoning Limited	
	Dr. Olaf Schoepke, Director of Strategic Development, Samarind Limited, UK	
14:25-14:50	Title: Brand vs. Generic: Strategic Considerations for Cross-Border Technology Transfer	
	Dr. Qin Shi, Managing Principal, EdgeTech Law LLP, USA	
14:50-15:15	Title: The Interaction between Chemical Composition, Particularly Glycans, and the Biological Function in Monoclonal Antibodies	
	<i>Dr. Daniel Galbraith</i> , Chief Scientist, Sartorius Stedim BioOutsource Ltd., UK	
15:15-15:40	Title: Norway, Biosimilars in Different Funding Systems. What Works? Dr. Asbjorn Mack, Chief Negotiator Pharmaceuticals, LIS (Drug Procurement Cooperation), Norway	
15:40-16:05	Title: Biosimilar Epoetin a is as Effective as Originator Epoetin-A Plus Liposomal Iron (Sideral®), Vitamin B12 and Folates in Patients with Refractory Anemia: A Retrospective Real-Life Approach Dr. Giulio Giordano, Hematologist, Medicine Department, Regional General Hospital "A.Cardarelli", Italy	
	Hospital A.Caluatem, Italy	

Part 5: Biologics Drugs

Session 5-1: Biologics Drugs

Time: 08:30-12:10, June 17, 2016 (Friday); Place: Room No. 306, 3rd Floor, KINTEX 2

Chair	Dr. Jesus Zurdo, Senior Director, Lonza Pharma & Biotech, UK
08:30-08:35	Chair's Introduction
08:35-09:00	Title: CetuGEX TM and TrasGEX TM Biosuperior Antibodies for Improved Cancer Treatment
	Dr. Lars Stockl, Director, Glycotope GmbH, Germany
09:00-09:25	Title: Human Monoclonal Antibodies as Candidate Therapeutics Against Cancer and Viruses
	Dr. Dimiter S. Dimitrov, Senior Investigator, National Cancer Institute, NIH, USA
09:25-09:50	Title: Developability and Early Risk Assessment in Antibody and
	Biopharmaceutical Development: Towards a Holistic QbD Implementation Dr. Jesus Zurdo, Senior Director, Lonza Pharma & Biotech, UK
09:50-10:15	Title: A Revolutionary Strategy for Cancer Therapy: The Cancer Targeting Gene-Viro-Therapy
	<i>Dr. Xinyuan Liu</i> , Professor, Institute of Biochemistry and Cell Biology, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China
10:15-10:30	Coffee Break
10:30-10:55	Title: Development of Peptide Drugs for Ocular Surface Disorders Dr. Teruo Nishida, Professor Emeritus, Yamaguchi University, Japan
10:55-11:20	Title: An RNA Aptamer Targeting Pancreatic Cancer: From AptaBID to Theronostics
	Dr. Pooja Dua, Research Professor, Sungkyunkwan University, South Korea
11:20-11:45	Title: Antisense Oligonucleotide (AON)-based Therapy for USH2A-associated Retina Degeneration
	Dr. Erwin Van Wijk, Assistant Professor, Radboud University Medical Center, The Netherlands
11:45 -12:10	Title: Bispecific Antibody: Preclinical Development of Novel Bispecific Antibody Targeting VEGF and DLL4
	Dr. Weon-Kyoo You, R & D Head, ABL BIO, South Korea

Part 6: From Disease Clinical Research to Drug Development and Application

Session 6-1: Metabolic Disorders

Time: 08:30-12:35, June 17, 2016 (Friday); Place: Room No. 307, 3rd Floor, KINTEX 2

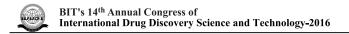
Chair Dr. Barbara C. Hansen, Professor and Director, University of South Florida, USA

08:30-08:35 08:35-09:00	Chair's Introduction Title: Essential or Primary Hypertension in Nonhuman Primates: Optimal Model for Pharmaceutical Proof of Concept Efficacy Evaluation Dr. Barbara C. Hansen, Professor and Director, University of South Florida, USA
09:00-09:25	Title: A Truly Non-Invasive Glucose Monitoring Device for Home Use -Finally Available! Mr. Avner Gal, President & CEO, Integrity Applications Ltd., Israel
09:25-09:50	Title: Innovative Method and Device for Non-invasive Glucose Measurement Dr. Zongyan He, President and CTO, Novanex Inc., USA
09:50-10:15	Title: Quantification of Hepatic Fat in Naturally-occurring Nonalcoholic Fatty Liver Disease (NAFLD) in Obese Rhesus Monkeys Using Dual-energy CT (DECT) Dr. Wen Zeng, President and CEO, Sichuan Primed Bio-tech Group Co., Ltd., China
10:15-10:30	Coffee Break
10:30-10:55	Title: Bioassay-guided Fractionation Approach Aimed at Identifying Plant Metabolites with Potential Effect on Type 2 Diabetes Dr. Lars P. Christensen, Professor, Department of Chemical Engineering, Biotechnology and Environmental Technology, University of Southern Denmark, Denmark
10:55-11:20	Title: Antioxidant and Anti-Inflammatory Effects of a Lipidic Extract of Lycopersicum Esculentum in a Hormonal Model of Benign Prostatic Hyperplasia in Obese Wistar Rats Dr. Juventino III Colado-Velazquez, Professor of Pharmacology, Autonomous University of Sinaloa, Mexico
11:20-11:45	Title: Mechanisms of Surgical Cure for Low BMI Type 2 DM Dr. Kyung Yul Hur, Professor, Soonchunhyang University Hospital, South Korea
11:45-12:10	Title: Serum Autoantibody Against Lens Crystallins in Dogs with and without Cataract Dr. Nobuyuki Kanemaki, Professor, Veterinary Teaching Hospital, Azabu
12:10-12:35	University, Japan Title: Relations between Adipokine Leptin and Thyroid Hormones Metabolism in White Adipose Tissue Dr. Stanislav Pavelka, Associate Professor, Masaryk University, Czech Republic

Session 6-2: Digestive System Diseases

Time: 13:30-17:35, June 17, 2016 (Friday); Place: Room No. 307, 3rd Floor, KINTEX 2

Chair Dr. Chaodong Wu, Associate Professor, Texas A & M University, USA



13:30-13:35 13:35-14:00	Chair's Introduction Title: The Role of the Alimentary Tract Mucosa Chloride Chanel 2 (ClC-2) in Governing the Mucus and Mucin Secretion as Well as Luminal Lubrication Dr. Jerzy Sarosiek, Professor, Texas Tech University Health Sciences Center, USA
14:00-14:25	Title: A New Dinucleotide Protects Against Obesity-Associated Fatty Liver Disease
14:25-14:50	Dr. Chaodong Wu, Associate Professor, Texas A & M University, USA Title: Non-invasive Tests and Current Treatment Options of Non-Alcoholic Fatty Liver Disease
14:50-15:15	Dr. Monjur Ahmed, Associate Professor, Thomas Jefferson University, USA Title: Albendazol before Surgery in Hydatic Cyst: Result of Morrocan Experience
	Dr. Mouna Alaoui, Professor, Ibn Sina University Hospital, Morocco
15:15-15:30	Coffee Break
15:30-15:55	Title: New Pharmacological Approach for Comorbid Functional Gastrointestinal Disorders Dr. Oksana V. Krapivnaya, Head, Gastroenterological Department of Nonstate Healthcare Institution, 《Khabarovsk-1 Station Railway Clinical Hospital》 JSC 《Russian Railways》, Russia
15:55-16:20	Title: Prevention of Parastomal Hernia
16:20-16:45	Mr. Yiu Ming Ho, General Surgeon, Logan Hospital, Australia Title: Orphenadrine: A New and Affordable Cure for Muscle Cramps in Cirrhotic Patients
16:45-17:10	Dr. Sherief Abd-Elsalam, Lecturer, Tanta University Hospital, Egypt Title: Effect of Hydrogen-Rich Water on Non-Alcoholic Fatty Liver Disease via Nrf2 Signaling Pathway Dr. Xiang Wang, Attending Doctor, The First Affiliated Hospital of Zhengzhou University Chie
17:10-17:35	University, China Title: Monomer Components Sieved from Clear Effective Chinese Medicine Can Accelerate the Development Process of Specific Diseases Drug Dr. Jinyi Zhao, Deputy Director, Pharmacy Department, Xijing Hospital, China

Session 6-3: Muscle, Joint and Bone Disorders

Time: 08:30-09:50, June 18, 2016 (Saturday); Place: Room No. 307, 3rd Floor, KINTEX 2

Chair	<i>Dr. Gabor Major</i> , Director of Rheumatology, Hunter New England Health Service, Australia
08:30-08:35	Chair's Introduction

08:35-09:00	Title: The Fragility Fracture Cascade. Evidence that a Fracture Liaison Service Bridges the Gap in Treatment Delivery and Reduces Refracture Risk
	Dr. Gabor Major, Director of Rheumatology, Hunter New England Health
	Service, Australia
09:00-09:25	Title: Dishevelled-Idbf Interaction, A New Negative Feedback Mechanism
	of the Wnt/b-catenin Pathway, is a Novel Target for Osteophorosis Drug
	Development
	Dr. Kang-Yell Choi, Professor, Department of Biotechnology, Yonsei
	University, South Korea
09:25-09:50	Title: The Approach of Interventional Techniques in Chronic Spinal Pain
	at Rio de Janeiro Federal University Pain Clinic: An Earlier Use
	Dr. Ricardo Joaquim da Cunha Jr., Professor, Federal University of Rio
	de Janeiro, Brazil

Session 6-4: Infection Diseases (Part I)

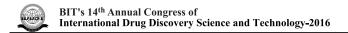
Time: 10:00-11:45, June 18, 2016 (Saturday); Place: Room No. 307, 3rd Floor, KINTEX 2

Chair	Dr. Chien-Te K. Tseng , Associate Professor, Department of Microbiology and Immunology, University of Texas Medical Branch, USA
10:00-10:05	Chair's Introduction
10:05-10:30	Title: Cross Talks of Drug Resistance and Virulence in Human Pathogen
	Candida Albicans
	Dr. Yun-Liang Yang, Professor, National Chiao Tung University, Taiwan
10:30-10:55	Title: Characterization and Demonstration of a Value of a Lethal Mouse
	Model of Middle East Respiratory Syndrome Coronavirus Infection and
	Disease
	Dr. Chien-Te K. Tseng, Associate Professor, Department of Microbiology
	and Immunology, University of Texas Medical Branch, USA
10:55-11:20	Title: Present Day Challenges of HIV in Sri Lanka
	Dr. Sathya Herath, Public Health Specialist, National STD/AIDS Control
	Program, Sri Lanka
11:20-11:45	Title: Frequency of Human Papilloma Virus (HPV) Subtypes 31,33,35,39
	and 45 among Yemeni Women with Cervical Cancer
	Dr. Saleh Hussein Bensumaidea, Lecturer, Hadhrmout University of Science
	& Technology, Yemen

Session 6-4: Infection Diseases (Part II)

Time: 13:30-16:05, June 18, 2016 (Saturday); Place: Room No. 306, 3rd Floor, KINTEX 2

Chair	Dr. Herve Le Moual, Associate Professor, McGill University, Canada
13:30-13:35	Chair's Introduction



13:35-14:00	Title: Bacterial Outer-membrane Proteases of the Omptin Family as Novel		
	Therapeutic Targets. Dr. Herve Le Moual, Associate Professor, McGill University, Canada		
14:00-14:25	Title: New Global Approach to Find Novel Antimicrobials		
	<i>Dr. Johannes Zuegg</i> , Senior Researcher, Institute for Molecular Bioscience, University of Queensland, Australia		
14:25-14:50	Title: Lessons from Biologically Active Natural Products-Discovery of New Growth Factors for Previously Uncultured Leucobacter sp.		
	Dr. Makoto Ubukata, Professor, Hokkaido University, Japan		
14:50-15:15	Title: Novel Zebrafish Egg Bath Infection Model for Screening Antifungal Drugs		
	Dr. Hsiu-Jung Lo, Investigator, National Health Research Institutes, Taiwan		
15:15-15:40	Title: Hepatitis C Virus Resistance to Direct Antiviral Drugs		
	<i>Dr. Andrea Duchini</i> , Gastroenterologist and Hepatologist, Houston Methodist Hospital, USA		
15:40-16:05	Title: Consequenses of Meticillin-resistant Staphylococcus Aureus Aquisition Dr. Eva Skyman, Lecturer, Sahlgrenska Academy, University of Gothenburg, Sweden		

Session 6-5: Cardiovascular Diseases

Time: 15:30-16:50, June 18, 2016 (Saturday); Place: Room No. 305, 3rd Floor, KINTEX 2

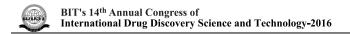
Chair	Dr. Shaodong Guo, Associate Professor, Department of Nutrition and Food Science, Texas A & M University, USA		
15:30-15:35	Chair's Introduction		
15:35-16:00	Title: Insulin Resistance and Heart Failure: A Central Signaling of IRS in		
	Control of Cardiac Metabolism and Survival Dr. Shaodong Guo , Associate Professor, Department of Nutrition and Food		
	Science, Texas A & M University, USA		
16:00-16:25	Title: Fighting the Devil of Stroke in Atrial Fibrillation: The New Weapons		
	in the Armory		
	Dr. Prabhash Chand Manoria, Director, Manoria Heart and Critical Care		
	Hospital, India		
16:25-16:50	Title: Riociguat for the Treatment of Pulmonary Hypertension (PH)		
	Dr. Gerald Simonneau, Professor, Paris-Sud University, France		

Session 6-6: Other Diseases

Time: 13:30-15:15, June 18, 2016 (Saturday); Place: Room No. 307, 3rd Floor, KINTEX 2

Chair	<i>Dr. Seung-Yong Seong,</i> Professor, Seoul National University College of Medicine, South Korea
13:30-13:35	Chair's Introduction





13:35-14:00	Title: GPCR19 Agonist for Atopic Dermatitis
	Dr. Seung-Yong Seong, Professor, Seoul National University College of
	Medicine, South Korea
14:00-14:25	Title: A Truly Globalized CTD: The 3-Layer Approach
	Dr. Nobushige Matsuoka, Statistician, Pfizer Japan Inc., Japan
14:25-14:50	Title: HLA DRB1* and DQB1* Alleles are Associated with Disease Severity
	in Patients with Pemphigus Vulgaris
	Dr. Danka Svecova, Professor, Comenius University, Slovakia
14:50-15:15	Title: Drug Delivery in Anterior Segments of Eye
	Dr. Young Joo Shin, Associate Professor, Hallym University, South Korea

Young Scientist Forum

Time: 15:50-16:45, June 18, 2016 (Saturday); Place: Room No. 307, 3rd Floor, KINTEX 2

Chair	Dr. Jacob Lauwring Andersen , Postdoctoral Researcher, Aarhus University, Denmark
15:50-15:55	Chair's Introduction
15:55-16:20	Title: Structure-based Development of Covalent Allosteric Inhibitors of Protein Kinases
	Dr. Jacob Lauwring Andersen, Postdoctoral Researcher, Aarhus University, Denmark
16:20-16:45	Title: Development of a Chemically Defined in vitro Culture System to Effectively Stimulate the Proliferation of Adult Human Dermal Fibroblasts Mr. Min Seong Kim, Ph.D. Student, Kangwon National University, South Korea