

INTERNATIONAL PHARMA RESEARCH & DRUG DELIVERY SUMMIT

June 10 - 12, 2019 at Brussels, Belgium

<https://iprds.org/>

Email: pharma@iprds.org

INTERNATIONAL PHARMA RESEARCH & DRUG DELIVERY SUMMIT

Monday

June 10, 2019

Hall: GAGARINE

Scientific Program

08:00-08:45 Registrations

08:45-09:00 Opening Ceremony & Welcome Speech

TIME	TOPIC	SPEAKERS
Keynote Forum		
09:00-09:30	3D Printed Corneal Equivalent	Sachdeva Mandip S, <i>Florida A&M University, USA</i>
09:30-10:00	Use of Cyclodextrin as a Novel Agent in the SEC-HPLC Mobile Phase to Mitigate the Interactions of Proteins or Peptide or their Impurities with the Residual Silanols of Commercial SEC-HPLC Columns with Improved Separation and Resolution	Kaliappanadar Nellaiappan, <i>Curix inc, USA</i>
10:00-10:30	Preparation and nanoformulation of new quinolone scaffold-based anticancer agents: Enhancing solubility for better cellular delivery	Reem K. Arafa, <i>Zewail City of Science and Technology, Egypt</i>
10:30-11:00	Lung Delivery of Biopharmaceuticals using Nanocarrier Systems	Imran Saleem, <i>Liverpool John Moores University, UK</i>

Refreshment Break @ Foyer (11:00 -11:20)

Scientific Sessions: **Pharmaceutical Nanotechnology and Nanomedicine | Novel Drug Delivery Systems**

Session Chairs

Clydewyn Anthony, *United States Pharmacopeial Convention, USA*

Ahmed Faheem, *University of Sunderland, UK*

11:20-11:40	High gene delivery efficiency mediated by lipid- and polymer-based nanosystems	Henrique Faneca, <i>University of Coimbra, Portugal</i>
11:40-12:00	Targeting c-MYC and c-MYC regulating microRNAs in ovarian cancer with liposomal-interference RNA	Pablo Vivas-Mejia, <i>University of Puerto Rico, Puerto Rico</i>
12:00-12:20	Cell-based chemoresistance models to evaluate combinational nanoformulations	Badiree Konkimalla, <i>National Institute of Science Education and Research (NISER), India</i>
12:20-12:40	Inorganic Nanomaterials as Carriers in Targeted Delivery of Anticancer Drugs	R.M.G. Rajapakse, <i>University of Peradeniya, Sri Lanka</i>

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12:40-13:00 Nanoparticle Engineering towards Highly Efficient Drug Delivery Systems and SERS-based Bio-Sensing **Beatrice Fortuni,**
KU Leuven, Belgium

Group Photo

Lunch @ Restarunt 13:00 - 13:50

Scientific Sessions: Drug Discovery | Bioavailability & Bioequivalence and Novel drug design and Technologies

Session Chairs

Reem K. Arafa, *Zewail City of Science and Technology, Egypt*

Elizabeth Kwong, *Kwong Eureka Solutions, Canada*

13:50-14:10 The Importance of Modernization of Acetaminophen (Paracetamol) containing Documentary Standards to Global Public Health **Clydewyn Anthony,**
United States Pharmacopeial Convention, USA

14:10-14:30 Marine Compound Xyloketal B as a Novel Drug Candidate for Cardiovascular and neuronal protection **Guan-Lei Wang,**
Sun Yat-sen University, China

14:30-14:50 Amino acid based surfactants: A class of amphiphiles with potential applications in the pharmaceutical field **Diego Romano Perinelli,**
University of Camerino, Italy

14:50-15:10 Development and Pharmacokinetic Evaluations of a Co-Solvent and a PLGA-based Nanospheres of Itraconazole for Intravenous Administrations **Dong Liang,**
Texas Southern University, USA

15:10-15:30 Subcutaneous formulation of furosemide: endless opportunities for an old drug **Tamas Alexy,**
University of Minnesota, USA

15:30-15:50 Treatment of animal model for hot flushes by nasal administration of a non-hormonal drug delivery system **Hiba Natsheh,**
Hebrew University of Jerusalem, Israel

Coffee Break 15:50 -16:10 @ Foyer

Special Session: Alternative Medicine & Alternative Therapeutics

16:10-16:30 Phytochemical compounds of Selected Lebanese Plants with Potential Biological activities **Maha Aboul-Ela,**
Faculty of Pharmacy, Beirut Arab University, Lebanon

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16:30-16:50

Contribution of Developed Prototype Research Software Relevant to Infants' Prakriti (Physical constitution) Assessment for Vikriti (Pathological condition) Management and Possible Future Disorders

Srivastava Niraj,
*Government Ayurvedic PG College,
India*

16:50-17:10

Role of Leech Therapy in Different Diseases W.S.R. Deep vein Thrombosis (DVT)

Varsha Saxena,
*Uttarakhand Ayurveda University
(UAU), India*

Panel Discussions

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Tuesday

June 11, 2019

Hall: GAGARINE

Scientific Program

08:30-09:00 Registrations

TIME	TOPIC	SPEAKERS
Keynote Forum		
09:00-09:40	Bridging Discovery program to Development-The Making of a Phase I Trial Study	Elizabeth Kwong, <i>Kwong Eureka Solutions, Canada</i>
09:40-10:10	Material properties impacting micronization behavior of a crystalline drug	Ajit Narang, <i>Genentech Inc., USA</i>
10:10-10:40	Development of a novel anti-Ran-GTPase peptide nanoparticles as a novel approach for anti-metastatic therapies	Ahmed Faheem, <i>University of Sunderland, UK</i>
10:40-11:10	Development of integrated enzymatic electrophoretic methodologies for the quality control of therapeutic biomolecules	Catherine Perrin, <i>University of Montpellier, France</i>

Coffee Break 11:10-11:30 @ Foyer

Scientific Sessions: Clinical Pharmacy | Bio pharmaceuticals | Regulatory affairs

Session Chairs

Sachdeva Mandip S, *Florida A&M University, USA*

Kaliappanadar Nellaippan, *Curirx inc, USA*

11:30-11:50	Biorelevant Dissolution to Facilitate Formulation Development of a BSC Class 2 Basic Compound and Overcome Drug-Drug Interaction with Acid Reducing Agents	Dawen Kou, <i>Genentech, USA</i>
11:50-12:10	Our smeared FE computational models for drug delivery in organs and tumors	Milos Kojic, <i>Serbian Academy of Sciences and Arts, Serbia</i>
12:10-12:30	Divorce uses of gabapentenoids and it's implications- a new public health issue	Shubhakaran Khichar, <i>Dr. S. N. Medical College, India</i>
12:30-12:50	Chiral HPLC Resolution of a Potentially Serious Global Health Crisis	Clydewyn Anthony, <i>United States Pharmacopeial Convention, USA</i>
12:50-13:20	Patient Registries and the EU Regulatory Framework: Some Reflections	Charlotte Ryckman, <i>Covington & Burling LLP</i>

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Scientific Program

Lunch Break 13:20-14:10 @ Foyer

Scientific Sessions: **Presicon Medicine | Pharmacology & Toxicology | Pharmaceutical Analysis and Biomaterials**

Session Chairs

Guan-Lei Wang, *Sun Yat-sen University, China*

Imran Saleem, *Liverpool John Moores University, UK*

14:10-14:30	Precision Medicine Collaborations at the Industry-Academic Interface	Patrick J Silva , <i>University of Arizona Health Sciences, USA</i>
14:30-14:50	A Pharmacokinetic Study of Medazolam and Ketamine in Patients on Extracorporeal Membrane Oxygenation Therapy	Gagan Kaushal , <i>Thomas Jefferson University, USA</i>
14:50-15:10	Analysis 3-Hydroxypropyl Mercapturic Acid (3-HPMA) in Urine of Breast Cancer Patient for Monitoring the Toxicity of Cyclophosphamide	Yahdiana Harahap , <i>Universitas Indonesia, Indonesia</i>
15:10-15:30	Bactericidal autophagy inhibitors in cancer treatment	Benedetto Grimaldi , <i>Italian Institute of Technology, Italy</i>
15:30-15:50	In vitro lung epithelial cell transport and anti-interleukin-8 releasing activity of liposomal ciprofloxacin	Ruba S. Darweesh , <i>Jordan University of Science and Technology, Jordan</i>
15:50-16:10	Spiro-fused cyclopropa[a]pyrrolizines and 3-azabicyclo[3.1.0]hexanes as potential antitumor agents	Vitali M Boitsov , <i>Saint-Petersburg Academic University, Russia</i>
16:10-16:30	3D Bioprinting Substitute Encapsulated with Cells and Growth Factor	Lei Nie , <i>KU Leuven, Belgium</i>

Panel Discussions

Coffee Break 16:30 -16:50 @ Foyer

INTERNATIONAL PHARMA RESEARCH & DRUG DELIVERY SUMMIT

Wednesday

June 12, 2019

Hall: GAGARINE

Networking

Lunch Break 12:30-13:30 @ Foyer