

conferenceseries.com

10th International Conference
& Exhibition on

# Pharmaceutics & Novel Drug Delivery Systems

March 13-15, 2017
London, UK

**300+** Participation (70 Industry: 30 Academia)
**12+** Interactive Sessions
**5+** Keynote Lectures
**50+** Plenary Lectures
**3+** Workshops
**10+** Exhibitors
**B2B** Meetings

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CRS Controlled Release Society
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BIO NANONET
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*http://novel-drugdelivery-systems.pharmaceuticalconferences.com*

# Invitation…

**Dear Colleagues,**

Conference Series LLC welcomes you to attend **10th International Conference and Exhibition on Pharmaceutics & Novel Drug Delivery Systems** during **March 13-15, 2017** at **London, UK** with the theme ***"De novo in Drug Delivery Systems".*** This international meet **(Pharmaceutica 2017)** provides the perfect platform for the scientific community as an interactive and engaging 3-day event: unique in format, content, networking and engagement. The event brings together truly innovative thinkers who are leading the way through trialing new disruptive solutions and rethinking the conventional formulation and delivery mind-set and will help you to better understand how to develop the right formulation and delivery strategy with a strong scientific, clinical and commercial mind set and how innovative scientific techniques, emerging technologies and innovative devices can transform formulation and drug delivery.

# Organizing Committee Members



**Vladimir Torchilin**
Northeastern University
USA



**Arwyn Tomos Jones**
Cardiff School of Pharmacy and Pharmaceutical Sciences
Cardiff University, UK



**Costas Kiparissides**
Aristotle University of Thessaloniki
Greece



**Volkmar Weissig**
Midwestern University
USA



**Amiram Goldblum**
The Hebrew University of Jerusalem, Israel



**Gabriele Sadowski**
TU Dortmund
Germany



**B B Barik**
Jazan University
KSA



**Raid Alany**
Kingston University
UK

# Tentative Agenda

| March 13, 2017 Monday | |
|---|---|
| **Time** | **Session** |
| 08:30-09:30 | Registrations |
| 09:30-11:30 | Keynote Forum |
| | **Group Photo** |
| 11:30-11:45 | Network & Refreshments Break* |
| 11:45-13:00 | Track 1: Pre-Formulation & Formulation Aspects |
| | Track 2: Pharmacokinetics and Pharmacodynamics in Drugs |
| 13:00-13:45 | Lunch Break** |
| 13:45-16:00 | Track 3: Drug Targeting and Design |
| 16:00-16:15 | Network & Refreshments Break* |
| 16:15-18:00 | Track 4: Routes of Drug Delivery |
| **Day Concludes** | |

| March 14, 2017 Tuesday | |
|---|---|
| **Time** | **Session** |
| 08:30-09:30 | Registrations |
| 09:30-10:30 | Keynote Forum |
| 10:30-11:30 | Track 5: Nanoparticulate Drug Delivery Systems |
| 11:30-11:45 | Network & Refreshments Break* |
| 11:45-13:00 | Track 6: Nanotechnology in Drug Delivery |
| 13:00-13:45 | Lunch Break** |
| 13:45-16:00 | Track 7: Pharmaceutical Nanotechnology |
| 16:00-16:15 | Network & Refreshments Break* |
| 16:15-18:00 | Track 8: Smart Drug Delivery Systems |
| 16:00-18:00 | Poster Presentations |
| **Day Concludes** | |

| March 15, 2017 Wednesday | |
|---|---|
| **Time** | **Session** |
| 09:30-11:30 | Track 9: Biomaterials in Drug Delivery |
| 11:30-11:45 | Network & Refreshments Break* |
| 11:45-13:00 | Track 10: Vaccine Drug Delivery Systems |
| 13:00-13:45 | Lunch Break** |
| 13:45-16:00 | Track 11: Medical Devices for Drug Delivery |
| 16:00-16:15 | Network & Refreshments Break* |
| 16:15-18:00 | Track 12: Peptides and Protein Drug Delivery |
| 18:00-18:15 | Track 13: Global Drug Delivery Policy |
| 18:15-18:30 | Track 14: Entrepreneurs Investment Meet |
| | Award Ceremony |
| **Conference Concludes** | |

* Exclusive Exhibitor Event | ** Networking Event

**Note:** Conference schedule is subject to change.

**Note:** Workshops and Symposia slots are available. To book slot for Workshop and Symposium send us the proposal.

# Keynote Speakers

Keynote Speakers



**Title: What properties should nanopreparations possess to become effective anticancer medicines?**

## Vladimir Torchilin

Director of Center for Pharmaceutical Biotechnology and Nanomedicine
Editor-in-Chief for Drug Delivery, Current Drug Discovery Technologies & OpenNano Journals
Northeastern University, USA

**Title: Oral delivery of biologics – Back to the roots**

## Andreas Bernkop-Schnürch

Professor and Head of Pharmaceutical Technology
CSO at ThioMatrix
University of Innsbruck, Austria





**Title: Polyvalent multifunctional phage-display toolkits for development of targeted self-navigating drug delivery vehicles**

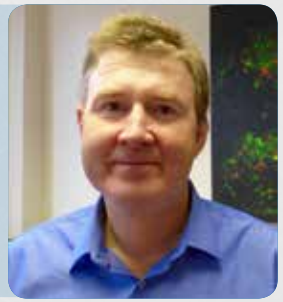
## Valery A. Petrenko

Auburn University, USA

**Title: Overcoming cellular barriers for drug delivery: opening endocytic gates and pathways for intracellular targetting**

## Arwyn Tomos Jones

Professor of Membrane Traffic and Drug Delivery
Editorial Board of the Journal of Controlled Release and Membranes
Cardiff School of Pharmacy and Pharmaceutical Sciences
Cardiff University, UK



# Keynote Speakers

Keynote Speakers



**Title: Computational discovery and experimental confirmation of TLR9 receptor antagonist leads**


## Amiram Goldblum

Molecular Modeling and Drug Design, Institute for Drug Research
The Hebrew University of Jerusalem
Israel


**Title: In-situ forming gel devices as local depot therapeutic for rheumatoide arthritis**




## Olivia Merkel

Ludwig-Maximilians-Universität München
Germany




**Title: Age-related sight loss: novel drug delivery strategies to the anterior and posterior segments of the eye**


## Raid Alany

Editor-in-Chief Pharmaceutical Development and Technology
Head of School of Life Sciences Pharmacy and Chemistry
Kingston University London, UK
Honorary Professor of Pharmacy, The University of Auckland, Auckland, New Zealand


**Title: Lipid-based pharmaceutical formulations for patient-centric product development**




## Sharareh Salar-Behzadi

Research Center Pharmaceutical Engineering GmbH
Austria

# Confirmed Speakers

## Special Sessions

Title: Polymeric nanoparticles for therapeutic siRNA delivery: analysis of tissue-penetration and biological activities in tumor tissue slice cultures and in vivo xenograft models
Achim Aigner, Leipzig University, Germany

Title: Drug delivery across skin barrier: Investigation on different biocompatible thermoresponsive soft nanocarriers
Fiorenza Rancan, Medical University of Berlin, Germany

Title: Investigation on nano-sized drug delivery systems for ocular application
Patrizia Chetoni, University of Pisa, Italy

Title: Microneedle: the future of pharmaceutical and cosmeceutical delivery systems
Hyungil Jung, Yonsei University, South Korea

Title: Pulmonary delivery of miRNA loaded nanocarriers for potential treatment of chronice obstructive pulmonary disease
Imran Saleem, Liverpool John Moores University, UK

Title: Tumour regression after intravenous administration of novel tumour-targeted nanomedicines
Christine Dufès, University of Strathclyde, UK

Title: Polymeric nanofibers for controlled release in hernia repair
Dimitrios A. Lamprou, University of Kent, UK

Title: Targeted drug delivery to enhance cancer therapy and reduce its side effects
Wafa T. Al-Jamal, University of East Anglia, UK

Title: Dry powder inhalation of Pneumococcal protein-based nanocarrier vaccine
Imran Saleem, Liverpool John Moores University, UK

Title: Nanoparticles-in-vaginal films for combined delivery of anti-HIV microbicide drugs
Bruno Sarmento, University of Porto, Portugal

Title: Metrology in pharmaceutical manufacturing
Dimitrios A. Lamprou, University of Kent, UK

Title: PLGA nanoparticles entrapping amikacin and moxifloxacin as a potential host-directed agent therapy for multidrug resistant tuberculosis
Sharif Abdelghany, University of Jordan, Jordan

Title: Multi-component orchestrated delivery modules for personalized healthcare using SLA 3D printing
Reno A L Leon, Structo Pte. Ltd., Singapore

Title: Facile synthesis of L-Cysteine CdTe core shell system and its antioxidants properties
Daramola A Olamide, Walter Sisulu University, South Africa

Title: Cm-p5: an antifungal mollusc-derived peptide conjugated with citric acid-modified manganese-ferrite nanoparticles with enhanced activity against Candida albicans in vitro
Anselmo J. Otero-Gonzalez, Havana University, Cuba

Title: Local Infiltration Anaesthia (LIA) and novel technique for effective pain relief following elective primary hip and knee replacement-innovative study
Mohammad Salhab, Chapel Allerton Hospital, UK

Title: Stability of epigallocatechin gallate in green tea extract cream with variation concentration of antioxidant vitamin C 1% and vitamin E 1%
Fiqrirozi, Ahmad Dahlan University, Indonesia

Title: Asenapine Maleate loaded solid lipid nanoparticles for oral delivery
Pranav Shah, Uka Tarsadia University, India
Title: Various potentials of isolated bael fruit gum in drotaverine hydrochloride tablets
Kuldeep H Ramteke, Modern College of Pharmacy, India
Title: In-vivo and In-vitro characterization and release potential of 1- B-arabinofuranosylcytosine from casein coated superparamagnetic nanostructure for magnetic drug targeting
Anamika Singh, Govt. Model Science College, India
Title: Anti-inflammatory activity of the volatile oil of the pulp of Raphia australis
Muyiwa Arisekola, Walter Sisulu University, South Africa
Title: Genetic polymorphisms of CYP3A4*1B of cervical cancer patients in Bangladeshi population, Bangladesh
Md. Abdullah Shamim, Khulna University, Bangladesh
Title: Hot melt extrusion an emerging drug delivery technology
Rashid Mahmood, Surge Laboratories Private Limited, Pakistan
Title: Thiolated pectin conatining hydrogels for controlled drug delivery of citrizine hydrochloride with its in-vitro studies
Muhammad Hanif, Bahauddin Zakariya University, Pakistan
Title: Methalonic extract of the exudate of Aloe otallensis and its effect on Leishmania Eathiopica Parasite and its phytochemical screening
Tesfaye Zerihun, Addis Ababa University, Ethiopia
Title: Phytochemical screening of the exudate of Aloe otallensis and its effect on Leishmania donovani Parasite
Tesfaye Zerihun, Addis Ababa University, Ethiopia
Title: Vancomycin loaded superparamagnetic $MnFe_2O_4$ nanoparticles coated with PEGylated chitosan to enhance antibacterial activity
Akbar Esmaeili, Islamic Azad University, Iran

## Young Researchers Forum

Title: Transparent Ciprofloxacin-Polyvinylpyrrolidone Antibiotic Films and Nanofiber Mats as Potential Skin and Wound Care Dressings
Marco Contardi, Istituto Italiano di Tecnologia, Italy
Title: Elaboration of polymeric nanoparticles containing Nigella Sativa seed oil and Indomethacin for dermal application
Waisudin Badri, Claude Bernard Lyon-1 University, France

## Poster Presentations

Title: ChonylationTM – a new drug delivery technology for improving the therapeutic efficacy of proteins and peptides utilizing naturally-occurring sugar polymer "chondroitin (CH)" as an alternative to polyethylene glycol (PEG)
Yoshihiro TAKATSU, Seikagaku Corporation, Japan
Title: Solvent-free lipophilic novel drug delivery system via dissolving microneedles
Shayan F. Lahiji, Yonsei University, Korea
Title: Characterisation of complex polysaccharide with potent anticancer activity and mechanism of action on triple negative breast cancer
Chrow Khurshid, University of Salford Manchester, UK
Title: Targeting liposomal doxorubicin to tumour tissues using a novel peptide
Mohammed Aldughaim, The University of Sheffield, UK
Title: Ultrasound–assisted compression of paracetamol
Abdolati Alwati, University of Bradford, UK

Title: Transcutaneous immunization via rapidly dissolvable microneedles protects against hand-foot-and-mouth disease caused by enterovirus 71

Zhuangzhi Zhu, China State Institute of Pharmaceutical Industry, China

Title: Bioresorbable structures loaded with ginger and hot pepper extracts as possible application in some cardiovascular diseases

Melania Florina Munteanu, Vasile Goldis Western University Arad, Romania

Title: Novel self-assembled liquid crystalline nanoparticles for transdermal delivery of progesterone: development, quality by design, in-vitro optimization and ex-vivo permeation studies

Salma M. Mohyeldin, Alexandria University, Egypt

Title: Chlorpheniramine maleate controlled release matrix tablets prepared by direct compression: formulation, in vitro characterization and stability study

Mohamed Haider, University of Sharjah, UAE

Title: Optimization of quercetin oil-in-water (O/W) nanoemulsion aerosols for pulmonary delivery

Mohd Basyaruddin Abdul Rahman, Universiti Putra Malaysia, Malaysia

Title: Curcumin nano formulation for controlled delivery and enhanced antioxidant activity

Lalduhsanga Pachuau, Assam University, India

Title: Formulation and evaluation of floating pulsatile drug delivery system of Lafutidine

Shailesh T. Prajapati, Shri Sarvajanik Pharmacy College, India

Title: Okra-Thioglycolic acid conjugate: Synthesis, Characterization and evaluation as mucoadhesive polymer

Raghavendra Naveen, Annamacharya College of Pharmacy, India

Title: Nasal gel formulation a boon in treatment of emesis

Ramanpreet Walia, Spectrum Institute of Pharmaceutical Sciences and Research, India

Title: Intravaginal delivery of Polyphenon 60 and curcumin nanoemulsion gel

Atinderpal Kaur, Jaypee Institute of Information Technology, India

Title: In vitro, ex vivo, in vivo, in situ cell line and time dependent degradation studies of Topotecan nanoparticles: Zinc ions enhancing entrapment of Topotecan

Tahir Khuroo, Jamia Hamdard University, India

Title: Antioxidant and Anti-Ulcerogenic activity of wild Punica granatum ethanol seed extract

Tanvir Singh, Punjab Technical University, India

Title: Nano drug delivery systems: A novel scope to ayurvedic medicines

Aakriti Grover, India

Title: Application of Catechin hydrate encapsulated nanocapsules in combating acute fluoride induced neurological degeneration in rat

Arpita Samanta, Vidyasagar University, India

Title: Antifungal activity of essential oil from artemisia campestris l on fungal species development

Achraf Khaldi, Algeria

Title: Pharmacy and nano science of some natural drugs from Iraqi medical plants

Ali Awad Hamoud Al-jeboory, Uruk Private University, Iraq

Panel Discussion

***Speaker and Poster Opportunities Available***

# Past Conference Report

Pharmaceutica Conference & Expo is conducted annually. Building on the achievement of earlier conferences Pharmaceutica 2015 (Dubai, UAE) followed by Pharmaceutica 2016 (Madrid, Spain). Conference Series LLC delightfully welcomes once again all the researchers to share their experiences and ideas through talks and presentations from diverse fields in Pharmaceutics & Drug Delivery. This event provides the perfect platform for just this as an interactive and engaging 3-day event: unique in format, content, networking and engagement. The event brings together truly innovative thinkers who are leading the way through trialing new disruptive solutions and rethinking the conventional formulation and delivery mind-set.

Pharmaceutica Conference & Expo is one of the World's best platform on Pharmaceutics & Drug Delivery and will help you to better understand how to develop the right formulation and delivery strategy with a strong scientific, clinical and commercial mind set and how innovative scientific techniques, emerging technologies and innovative devices can transform formulation and drug delivery.




## Keynote Speakers @ 2016 Conference



**Joel Richard**
France



**Volkmar Weissig**
USA



**Kang Choon Lee**
Korea



**Peter Krajcsi**
Hungary



**Felix Kratz**
Germany



**Amiram Goldblum**
Isreal

# Venue

London, UK-The ultimate venue for Pharmaceutica 2017

London contains four World Heritage Sites:

- Tower of London
- Kew Gardens: the site comprising the Palace of Westminster
- Westminster Abbey
- St Margaret's Church;

And the historic settlement of Greenwich (in which the Royal Observatory, Greenwich marks the Prime Meridian, 0° longitude, and GMT). Other famous landmarks include Buckingham Palace, the London Eye, Piccadilly Circus, St Paul's Cathedral, Tower Bridge, Trafalgar Square, and The Shard. London is home to numerous museums, galleries, libraries, sporting events and other cultural institutions, including the British Museum, National Gallery, Tate Modern, British Library and 40 West End theatres. The London Underground is the oldest underground railway network in the world.

**You'll fall in love with London**



**Venue:**
London, UK

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