Tentative Program

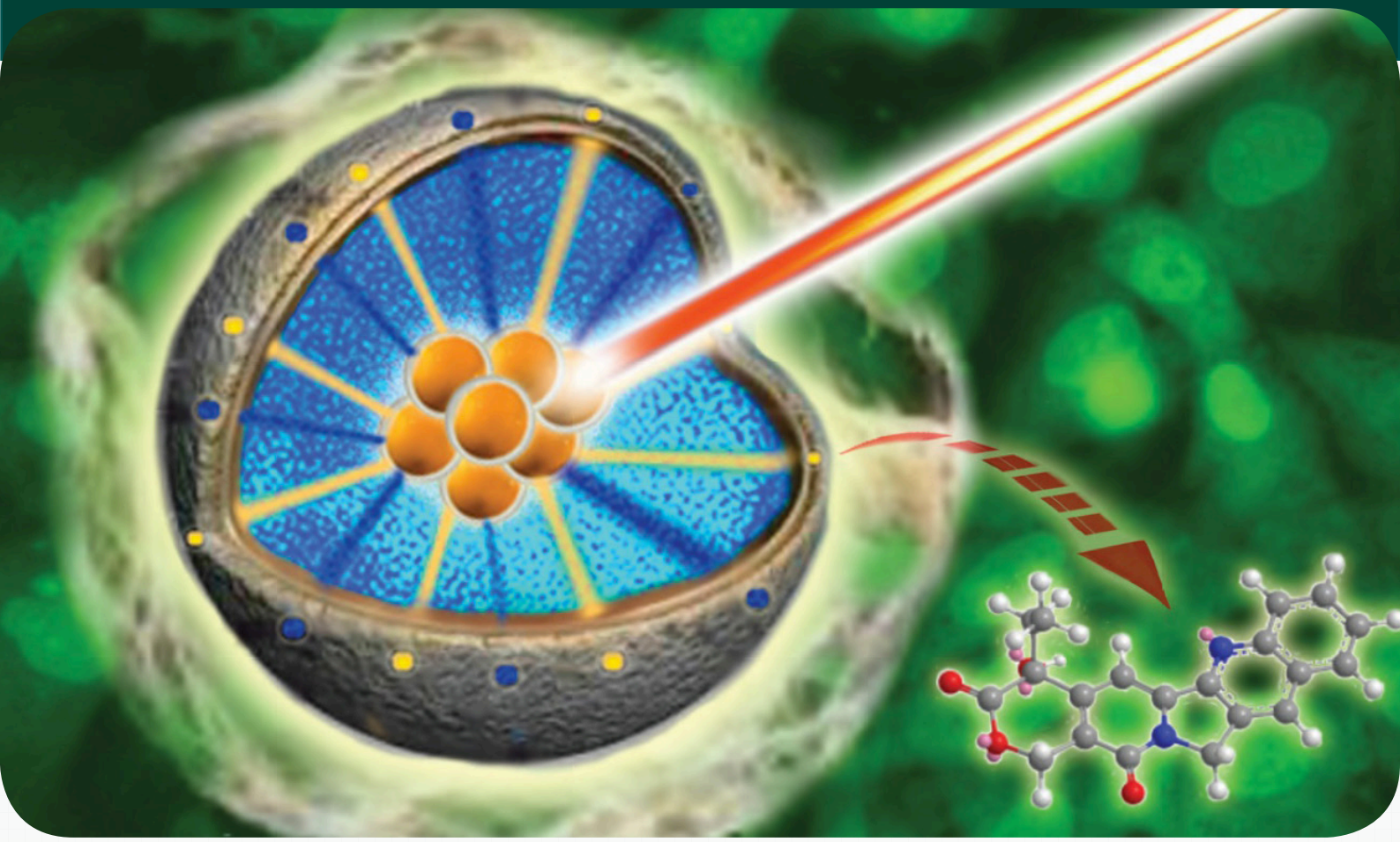
International Conference and Exhibition on

Nanomedicine and Drug Delivery

May 29-31, 2017 Osaka, Japan

In Collaboration with

European Society for Biomaterials | CRS Controlled Release Society | Australian Nanotechnology Network | nanonextnl innovating with micro and nanotechnology | nanotechnology world association | NANOMED SPAIN



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops

Exhibitors | B2B Meetings

For available speaker slots

nanodelivery@pharmaceuticalconferences.org

Tentative Agenda

May 29, 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: Nanomedicine
	Track 2: Personalized Nanomedicine
13:00-13:45	Lunch Break**
13:45-16:00	Track 3: Design of Nanodrugs
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Track 4: Nanomedicine and Nanotechnology
Day Concludes	

May 31, 2017 Wednesday

Time	Session
09:30-11:30	Track 9: Nano Pharmaceuticals
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Track 10: NanoBiotechnology
13:00-13:45	Lunch Break**
13:45-16:00	Track 11: Nano Pharmaceutical Industry and Market
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Track 12: Nanomedicine in Theranostics
Award Ceremony	
Conference Concludes	

May 30, 2017 Tuesday

Time	Session
08:30-09:30	Registrations
09:30-10:30	Keynote Forum
10:30-11:30	Track 5: Regenerative Medicine and Tissue Engineering
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Track 6: Drug Delivery ResearchDelivery
13:00-13:45	Lunch Break**
13:45-16:00	Track 7: Novel Drug Delivery Systems
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Track 8: Smart Drug Delivery Technology
16:00-18:00	Poster Presentations
Day 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.

For detailed sessions, please visit: www.nanomedicine.pharmaceuticalconferences.com

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Drug Delivery Science, Japan



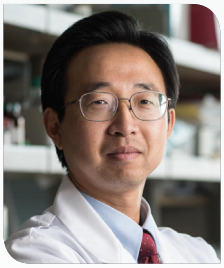
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Taiwan



Moshi Geso
RMIT University
Australia



Kun Cheng
University of Missouri-Kasas City
USA



Vincenzo Guarino
National Research Council of Italy
Italy

Keynote Speakers @ Nanodelivery 2017

DQAsome-based delivery of Phosphorothioate gapmer antisense oligonucleotides as therapy for Clostridium difficile



Volkmar Weissig
Midwestern University
USA

Biography:

Volkmar Weissig, Sc.D., Ph.D. is a Tenured Full Professor of Pharmacology and Chair of the Department of Pharmaceutical Sciences and Co-Director of the Nanomedicine Center of Excellence in Translational Cancer Research at Midwestern University Glendale, AZ, USA. Dr. Weissig holds 16 patents and he has published over 100 research papers, review articles and book chapters, mostly in the area of nano drug delivery systems. He also edited and published 8 books. Since the late 1990s he has pioneered the development of vesicular nanocarriers for the delivery of biologically active molecules to mitochondria within living mammalian cells in vitro and in vivo. In 2009 he was inducted into the World Technology Network as a Fellow and in 2014 Dr. Weissig was elected Inaugural President of the World Mitochondria Society.

Combination siRNA/drug nanopreparations for multidrug resistant cancer



Vladimir P. Torchilin
Northeastern University
USA

Biography:

Vladimir P. Torchilin, Ph.D., D.Sc. is a University Distinguished Professor of Pharmaceutical Sciences and Director, Center for Pharmaceutical Biotechnology and Nanomedicine, Northeastern University, Boston. His interests include drug delivery and targeting, nanomedicine, multifunctional and stimuli-sensitive pharmaceutical nanocarriers, biomedical polymers, experimental cancer therapy. He has published more than 400 original papers, more than 150 reviews and book chapters, wrote and edited 12 books, and holds more than 40 patents. Google Scholar shows more than 44,000 citations of his papers with H-index of 96. He is Editor-in-Chief of Current Drug Discovery Technologies, Drug Delivery, and OpenNano, Co-Editor of Current Pharmaceutical Biotechnology and on the Editorial Boards of many other journals. He received more than $30 M from the governmental and industrial sources in research funding. He has multiple honors and awards and in 2011, Times Higher Education ranked him number 2 among top world scientists in pharmacology for the period of 2000-2010.

Living Implant Fortified with active therapeutics and Well organized Stem cells spheroids for Regenerative NanoMedicine



N. Benkirane Jessel
INSERM
France

Biography:

Nadia Benkirane is Research director and head of the " Osteoarticular and Dental regenerative Nanomedicine" laboratory, at INSERM (French National Institute for Health and Medical Research), UMR 1109, Strasbourg, France. She was leader of "Active Biomaterials and Tissue Engineering" team INSERM 977. She received her Ph.D. from University Louis Pasteur, ULP, Strasbourg, France for the work on Development of pseudopeptides as synthetic vaccines. Dr. Jessel (Benkirane) then held a postdoctoral position in collaboration with the Institut Pasteur, Paris, France, working on Immunotherapy HIV, and another postdoctoral position on the application of modified peptides as vaccines against FMDV (Plum Island Animal Disease Center, ARS, USDA, Greenport, NY 11944-0848, USA).

Development and Bio-applications of Nontoxic C-Dots



Roger M. Leblanc
University of Miami
USA

Biography:

Dr. Roger M. Leblanc received a B.Sc. degree in Chemistry from Université Laval in 1964, followed by a Ph.D. in Physical Chemistry in 1968. Then, he obtained a postdoc position at the Royal Institution of Great Britain for two years before moving to the University of Québec, Trois-Rivières, Canada, where he spent 20+ years of studying photobiophysics. He moved his research to the University of Miami in 1994. Dr. Leblanc is Professor and Chair of Chemistry Department at University of Miami. And his research interests are centered on biophotophysics, spectroscopy and surface chemistry and he has published more than 500 research articles related to these topics and has guided more than 100 Ph.D. and M.Sc.

Keynote Speakers @ Nanodelivery 2017

Antibody-targeted delivery of nanoparticles utilizing bispecific antibodies for applications in oncology



Stephen M Mahler
University of Queensland
Australia

Biography:

Stephen Mahler is a Senior Group Leader at the Australian Institute for Bioengineering and Nanotechnology and Director of the ARC Training Centre for Biopharmaceutical Innovation at the University of Queensland. His expertise is in the discovery, research and development of biologic medicines, particularly engineered monoclonal antibodies. His recent research endeavors include targeting nanoparticles using bispecific antibodies. He has a number of collaborations with key biotechnology companies in Australia and internationally, and was part of the team at Cambridge Antibody Technology, UK that developed the technology for the development of the TNF antagonist Humira, now the largest selling drug globally. He has particular interest in translating new biologics and nanomedicines to the clinic, and has been associated with a number of biologics entering clinical development.

Smart Soft Matter Enabled Nanomedicines



Michael R. Whittaker
ARC Centre of Excellence in Convergent Bio-Nano Science & Technology, Australia

Biography:

Dr Michael Whittaker is a Senior Researcher at the Monash Institute of Pharmaceutical Sciences (MIPS) and Project Leader within the ARC Centre of Excellence in Convergent Bio-Nano Science & Technology (CBNS). Previously he was senior researcher within the Centre for Advanced Macromolecular Design (CAMD) and Australian Centre of Nanomedicine (ACN). His current work examines the translation of biological-like control of macromolecular synthesis to wholly synthetic polymer systems and the use of stimuli-responsive "smart" soft matter for nanomedicine. Applications include novel antibacterial materials, soft matter nanoparticles that communicate with cells to give improved therapeutic outcomes, nanomaterials for improved theranostics and "smart" nanomaterials for sub-cellular targeting.

Past Industry Repersentatives @ Drug Delivery 2016

PRECISION NANOSYSTEMS · ALTUS formulation · gsk · SANOFI · Genentech IN BUSINESS FOR LIFE
noble · BIOASIS · HTD BIOSYSTEMS INC. · GALLY International · MedinCell

BIO INNOVATIONS · Amway Nutrilite Health Institute · inovio PHARMACEUTICALS · CiMUS Center for Research in Molecular Medicine and Chronic Diseases · NIMS Molecule and Material Synthesis Platform
IPSEN Innovation for patient care · Malvern · SOLVO® BIOTECHNOLOGY THE TRANSPORTER COMPANY · CytRx® CORPORATION · URSATEC WHEN PRESERVATIVE FREE MATTERS

Plenary Speakers



Peptide-based nanoparticles of immune-evasive, immune-tolerable, and immune-active properties

Shunsaku Kimura

Kyoto University, Japan

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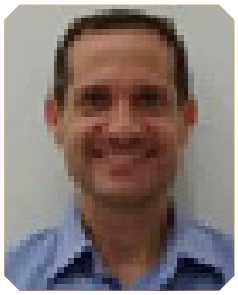


β-casein nanovehicles for oral delivery of chemotherapeutic Drug combinations overcoming P-glycoprotein-mediated multidrug resistance in human gastric cancer cells

Yoav D Livney

Israel Institute of Technology, Israel

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Stability of ranibizumab and aflibercept for sustained release. Their delivery from thiolated chitosan-based hydrogels

Miguel Moreno

Nanyang Technological University, Singapore

View Biography View Abstract



Bioengineered nanomedicines for modulation of intestinal anti-diabetic peptide delivery

Bruno Sarmento

University of Porto, Portugal

View Biography View Abstract



The drug delivery (r)evolution: nanomedicine and 3D printing for personalized therapies

Yareli Rojas-Aguirre

CCADET-UNAM, Mexico

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Plenary Speakers



Rapid prototyped nanocomposite magnetic scaffolds for tissue regeneration

Roberto De Santis

IPCB-CNR, Italy

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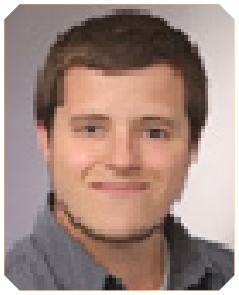


Nanoparticle-in-Microparticle Delivery Systems for Oral Delivery of poorly water-soluble drugs: From concept to practice

Alejandro Sosnik

Israel Institute of Technology, ISRAEL

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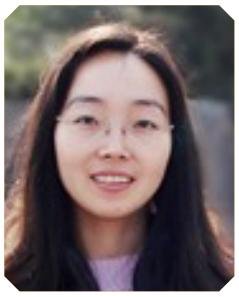


Adjuvant combinations in protein-based nanocapsules induce superadditive stimulation of dendritic cells, and highly effective T cells responses

David Passlick

Max Planck Institute for Polymer Research, Germany

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Platform technologies for accelerating the translation of nanomedicines

Chun-Xia Zhao

The University of Queensland, Australia

View Biography View Abstract



Electrofluidinamics: a new toolbox to design instructive platforms for tissue engineering and molecular therapies

Vincenzo Guarino

National Research Council of Italy, Italy

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Speakers Slots are available

Scientific Program

Keynote Presentation
Combination siRNA/drug nanopreparations for multidrug resistant cancer
Vladimir P Torchilin, Northeastern University,USA
Smart Soft Matter Enabled Nanomedicines
Michael Whittaker, ARC Centre of Excellence in Convergent Bio-Nano Science & Technology, Australia
Targeted nano medicines for the treatment of glioblastoma
Veronique PREAT, University of Louvain, Belgium
DQAsome-based delivery of Phosphorothioate gapmer antisense oligonucleotides as therapy for Clostridium difficile
Volkmar Weissig, Midwestern University, USA
Coming soon……
Jin Ho Choy, Director, Center for Intelligent Nano-Bio Materials, Korea
Application of mass spectrometry imaging in the diagnosis of difficult melanocytic lesions
Rossitza Lazova, Director of Dermatopathology, California Skin Institute, USA
Development and Bio-applications of Nontoxic C-Dots
Roger M. Leblanc,University of Miami, USA
Electrofluidinamics: A new toolbox to design instructive platforms for tissue engineering and molecular therapies
Vincenzo Guarino, National Research Council of Italy, Italy
Modes of Topical and Localized Drug Delivery of Nanoparticle and Microparticle Based Formulations
Irach B Taraporewala, Sitara Pharmaceutical Group, New York, USA
Controlled release of tissue plasminogen activator from magnetic nanocarriers in targeted thrombolysis
Jyh-Ping Chen, Chang Gung University, Taiwan
Workshop
Work Shop: Engineered nanomaterials: toward effective safety management in research laboratories
Thierry Meyer, EPFL Safety Competence Center, Switzerland
Speaker Presentations
Polymer Cancerostatics With A Coiled Coil Motif Targeted Against Murine Leukemia
Michal Pechar, Czech Academy of Sciences, Czech Republic
Cathepsin Nanofibers Substrates for Targeted Drug Delivery
Galia Blum, The Hebrew University of Jerusalem, Israel
Ultrasound microbubbles: unique vehicles for targeted delivery of therapeutic molecules
Rene J P Musters, VU University Medical Center, Netherlands
Peptide-based nanoparticles of immune-evasive, immune-tolerable, and immune-active properties
Shunsaku Kimura, Kyoto University, Japan
Development of an in-vitro model to predict the passage of polymersomes nanovectors through the endothelial barrier for an optimized drug delivery to tumor cells
Agathe Figarol, IMRCP laboratory, France
β-casein nanovehicles for oral delivery of chemotherapeutic Drug combinations overcoming P-glycoprotein-mediated multidrug resistance in human gastric cancer cells
Yoav D Livney, Israel Institute of Technology, Israel
Vascular-targeted TNFα and IFNγ inhibited orthotopic colorectal tumor growth
Chi Hin Cho, Chinese University of Hong Kong, China
Bioengineered nanomedicines for modulation of intestinal anti-diabetic peptide delivery
Bruno Sarmento, University of Porto, Portugal
Islet-based insulin delivery to the brain for treatment of cognitive and metabolic disorders
Konstantin Bloch, Felsenstein Medical Research Center, Tel Aviv University, Israel
Platform technologies for accelerating the translation of nanomedicine
Chun Xia Zhao, The University of Queensland, Australia

Nanomaterial synthesis and study for biomedicine and cancer treatment
Erwan Rauwel, Tallinn University of Technology, Estonia
NanoCUR: formulation and its effect on major human cytochrome P450 enzymes
Suhaili Shamsi, Universiti Putra Malaysia, Malaysia
Stability of ranibizumab and aflibercept for sustained release, Their delivery from thiolated chitosan-based hydrogels
Miguel Moreno, Nanyang Technological University, Singapore
Conformational epitopes-based lipopeptide vaccines against Schistosoma mansoni and Necator americanus
David Passlick, Max Planck Institute for Polymer Research, Germany
Targeted nanoparticles was involved in overcoming MDR induced by heterogenous cancer cells
Ying Wang, Caner Research Institute, Southern Medical University, China
The drug delivery (r)evolution: nanomedicine and 3D printing for personalized therapies
Yareli Rojas-Aguirre, CCADET-UNAM, Mexico
Rapid prototyped nanocomposite magnetic scaffolds for tissue regeneration
Roberto De Santis, IPCB-CNR, Italy
Nanoparticle-in-Microparticle Delivery Systems for Oral Delivery of poorly water-soluble drugs: From concept to practice
Alejandro Sosnik, Israel Institute of Technology, ISRAEL
Synthesis, characterization and release kinetics of target-specific, porous nanoparticle- encapsulated anticancer drugs
R.M. Gamini Rajapakse, University of Peradeniya, Sri Lanka and Imperial College, London
Folic Acid-Conjugated Chitosan-Based Quantum Dot System For Cancer Cell Imaging And Therapy
Nor Azah Yusof, Universiti Putra Malaysia, Malaysia
“Quadrugnostic” Nanomedicine for Overcoming Anticancer Drug Resistance and for Diagnostics
Yoav D Livney, Israel Institute of Technology, Israel
Mesoporous silica nanoparticles for sensitive 19f magnetic resonance imaging, fluorescence imaging, and doxorubicin drug delivery
Kazuya kikuchi, Osaka University, Japan
Self-assembly PEGylation Retaining Activity (SPRA) Technology via a Host–guest Interaction Surpassing Conventional PEGylation Methods of Insulin
Hidetoshi Arima, Kumamoto University, Japan
Insect virus-derived protein microcrystals for slow-release carriers of functional proteins
Hajime Mori, Kyoto Institute of Technology, Japan
The NanoAssemblr Platform: Novel Nanoparticle Engineering for Delivery of the Genetic Toolbox
Mehran Ghiaci, Isfahan University of Technology, Iran
High yield synthesis of surfactant-free gold nanostars for biosensing,photothermal therapy and drug delivery applications
Akash Arya, Indian Institute of Technology, India
Fabrication and characterization of novel silk /chitin hydrogel /MCM-41 composite scaffolds for tissue engineering
Abbas Teimouri, Payame Noor University, Iran
Consecutive evaluation of graphene oxide and reduced graphene oxide nanoplatelets immunotoxicity on monocytes
Chia-Hua Lin, National Formosa University, Taiwan
TBS
Daehwan PARK, University of South Australia, Australia
Polylysine-modified polyethylenimine (PEI-PLL) mediated VEGF gene delivery protects dopaminergic neurons in cell culture and in rat models of Parkinson's Disease (PD)
Muhammad Abid Sheikh, Pakistan
Design And Comparative Evaluation Of Targeted Drug Delivery Of Magnetic Responsive Polymeric Micro Particles Of Carboplatin
Akhilesh Dubey, Nitte University, India
Nano-liposomes using supercritical fluid system for nutraceuticals
Manohar Balaraman, CSIR, India
Synthesis, characterization, photocatalytic and biological properties of multi-metal oxide nanocomposites
Abdus Subhan, SUST, Bangladesh
The impact of formulation attributes and process parameters on black seed oil loaded liposome and their performance in animal models of analgesia
Mohammad Hossain Shariare, North South University, Bangladesh

Young Researchers Forum
Linear and Branched Polyethynimines for skin regeneration treatment – In vitro study.
Lucas B Naves, University of Minho, Portugal
Linear and Branched Polyethynimines for skin regeneration treatment – In vitro study.
Zheng Ruan, University of Science and Technology of China, China
Linear and Branched Polyethynimines for skin regeneration treatment – In vitro study.
Hamideh Salehi, University of Minho, Portugal
Anti-angiogenic Efficacy Enhancement in Nano Phospholipid complex of Orthosiphon Stamineus Ethanolic Extract
Mansoureh Nazari Vishkaeia, Universiti Sains Malaysia, Malaysia
Size-Dependent Targeted GNPs as CT Contrast Agents for Molecular Imaging of Cancer
Darya Tsvirkun, Institute of Drug Research,The Hebrew University of Jerusalem, Israel
Encapsulation of Anticancer Drug Cisplatin in Porous Vaterite Nanoparticles for Targeted Delivery and Slow Release
Shashiprabha P. Dunuweera, University of Peradeniya, Sri Lanka
Fluorometholone loaded nanospheres PLGA for the treatment of oculars disorders
Roberto González Pizarro, University of Barcelona, Spain
Encapsulation of agonist PPAR- γ in polymeric nanoparticles to treat ocular inflammatory processes
Marcelle Silva de Abreu, University of Barcelona, Spain
Laser triggered release of gemcitabine from polymer coated gold nanoshells for pancreatic cancer
Mina Emamzadeh, UCL School of Pharmacy, UK
Poster Presentations
Exposure to excess phenobarbital negatively influences the osteogenesis of chick embryos
Yu Yan, Jinan University, China
Study of the Interactions of Polymeric Nanoparticles with Model Lung Surfactant
Weiam Daear, University of Calgary, Canada
Co-delivery of Squalenoyl-Gemcitabine and Paclitaxel by thermo-responsive polymeric micelles to pancreatic cells in vitro
Mandana Emamzadeh, UCL School of Pharmacy, UK
Formulation And Evaluation Of Theophylline Ethosomal Gel
Nur Illiyyin Akib, Universitas Halu Oleo, Indonesia
Synthesis of polymeric nanoparticles (NPs) for the encapsulation of monomyristin (MM)
Sirirat Boondireke, Srinakharinwirot University, Thailand
In vivo imaging of passively tumor targeted polymer carrier and the enzymatically cleavable drug model
Robert Pola, Academy of Sciences of the Czech Republic, Czech Republic
Preparation and in vitro evaluation of polymer conjugates actively targeted using RGD-based peptides
Eliska Bohmova, Academy of Sciences of the Czech Republic, Czech Republic
Polymer nanotherapeutics for overcoming of multidrug resistance
Alena Braunova, Academy of Sciences of the Czech Republic, Czech Republic
Aerosolized Quercertion-Loaded Nanoemulsions for Pulmonary Delivery
Mohd Basyaruddin Abdul Rahman ,Universiti Putra, Malaysia
HA-based nanocomplexes for head and neck cancer with lymphatic metastasis
Chih-Peng Liu, Industrial Technology Research Institute, Taiwan
Assembly of Double-Hydrophilic Block Copolymers triggered by Gadolinium Ions: New Colloidal MRI Contrast Agents
Agathe Figarol, UPS/CNRS; IMRCP, France
Polymeric self-assemblies for photodynamic therapy: a critical approach
Agathe Figarol, UPS/CNRS; IMRCP, France
Synthesis of nanomaterials for drugs delivery and cancer biomarkers and therapy
Badis Bendjemil, LASEA, Algeria
CD44 targeting hyaluronic acid coated lapatinib nanocrystals for fostered efficacy against triple-negative breast cancer
Satish Agrawal, CSIR and AcSIR, India
For Avail Speaker & Poster Slots

Note: Please note that this is a tentative program. Timings in this program may subject to change.
For Speaker/YRF/Poster opportunities and related queries contact us at : nanodelivery@conferenceseries.net

Glimpses of Past Conference











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