EuroSciCon

Nanotech & Nanobiotechnology 2018

July 12 -13, 2018 | Paris , France

Day 1: July 12, 2018	
Hall Name: Madrid+Lisbonne	
08:30-09:00	**Registrations**
09:00-09:30	**Opening Ceremony**
Keynote Session	
09:30-10:10	Title: Nanoclinic in the Brain. Development of Nanobioconjugates for MRI Virtual Biopsy and Treatment of Brain Metastatic Tumors that are Acting via Multiple Specific Targets
	Julia Y. Ljubimova, Nanomedicine Research Center in Cedars-Sinai, USA
10:10-10:50	Title: Tumor-targeted nanotherapeutics
	Tamara Minko, Rutgers State University of New Jersey, USA
Group Photo	
Coffee Break: 10:50-11:15@ Le Foyer	
11:15-11:55	Title: Photonics for medical diagnostics: From the lab to the market
	Andreas Seifert, CIC Nanogune, Spain
Sessions: Nanobiotechnology | NanoMedicine | Nanopharmaceuticals | Nano-Chemistry | Nanodevices and Nanosensors | Advancement in Nanotechnology	
Session Chair: Andreas Seifert, CIC Nanogune, Spain	
Session Co-Chair: Jinrich Kopecek, University of Utah, USA	
11:55-12:25	Title: Challenges and Innovation in Next Generation Nanoscience
	Jinrich Kopecek, University of Utah, USA
12:25-12:55	Title: Structure and mechanism-based design of nanoparticles as therapeutic candidates
	Chang-Guo Zhan, University of Kentucky, USA
Lunch Break: 12:55-13:45@ Food and More	
13:45-14:15	Title: Nanocarriers for Nose-To-Brain, Non-invasive Delivery of Gene Therapy
	Juan-Sanchez Ramos, University of South Florida, USA
14:15-14:45	Title: Direct measurement of the local temperature increment for individual live cells
	Shengyong Xu, Peking University, China
14:45-15:15	Title: Future of Nanoscience in Natural Product Drug Discovery: Applications in Thymoquinone-Based Nanoformulations
	Hala Gali-Muhtasib, American University of Beirut, Lebanon
15:15-15:45	Title: Advances and Challenges in Pharmaceutical Nanotechnology
	Abraham J. Domb, The Hebrew University of Jerusalem, Israel
Coffee Break: 15:45-16:10@ Le Foyer	
16:10-16:40	Title: Antibacterial activity of gold nanorods against Staphylococcus aureus and Propionibacterium acnes: misinterpretations and artifacts.
	Nouf Mahmoud, Al-Zaytoonah University of Jordan, Jordan
16:40-17:10	Title: Synthesis of sub-10 nm ibuprofen drug molecular clusters via RESS processing
	Sudhir Sharma, New York University Abu Dhabi, UAE
17:10-17:40	**Question Time**

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17:40-18:00	**Chairman's Summing up**
Panel Discussion	

Day 2: July 13, 2018	
Hall Name: Madrid+Lisbonne	
Keynote Session	
09:00-09:30	**Registrations**
09:30-10:10	Title: Design and Delivery of Messenger RNA based-therapeutics
	Chantal Pichon, University of Orleans, France
10:10-10:50	Title: Antigen-Specific Regulation of Activated Diabetogenic CD4+ and CD8+ T Cells by Tregs Induced by Tolerization with Antigen-containing PLG Nanoparticles
	Stephen D. Miller, Northwestern University, USA
Coffee Break: 10:50-11:15@ Le Foyer	
11:15-11:55	Title: After the niche, preparing your R&D and nanotech business for the future!
	Aaron Claeys, Nanex Company, Belgium
Sessions: NanoMaterials | NanoRobotics |NanoElectronics | Cellular and subcellular Nanotechnology | Major Challenges in Nanobiotechnology	
Session Chair: Chantal Pichon, University of Orleans, France	
Session Co-Chair: Stephen D. Miller, Northwestern University, USA	
Young Research Forum	
11:55-12:15	Title: Synthesis of thiolated, PEGylated and POZylated silica nanoparticles and evaluation of their retention on rat intestinal mucosa in vitro
	Twana M. Ways, University of Reading, UK
12:15-12:35	Title: Biophysical Studies on the Interaction of Polymeric Nanoparticles with the Lung Surfactant
	Weiam Daear, University of Calgary, Canada
12:35-12:55	Title: Design and manufacturing of nanobiosensors suitable for protein detection
	Seyed Mohammad Mahdi Dadfar, Karlsruhe Institute of Technology, Germany
Lunch Break: 12:55-13:45@ Food and More	
Poster Presentations 13:45-14:00@ Le Foyer	
PP 01	Title: Negatively Charged Mesoporous Silica Nanoparticles Penetrate through the Zebrafish Larval Blood-Brain Barrier
	Chien-Tsu Chen, Taipei Medical University, Taiwan
PP 02	Title: Leukocytes and drug-resistant cancer cells are targets for intracellular delivery by adenoviral dodecahedron
	Ewa Szolajska, Polish Academy of Sciences, Poland
14:00-14:30	**Question Time**
14:30-15:00	**Closing Ceremony**
Awards Function	