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1081st Conference

Scientific Program

International conference on

NANOBIOTECHNOLOGY & NANOREGULATIONS

July 31-August 01, 2017 | Chicago, USA



Conference Series - America

One Commerce Center-1201, Orange St. #600, Wilmington, Zip 19899, Delaware, USA
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Prague

conference**series.com** 10:00-10:20

Opening Ceremony

Keynote Forum

Introduction

10:20-11:05 Title: **Impact of nanobiotechnology on the future of medicine (Nanomedicine): The road toward precision medicine**
Shaker A Mousa, Albany college of Pharmacy and Health Science, USA

Panel Discussion

Networking & Refreshments Break 11:05-11:25 @ Foyer

11:25-12:10 Title: **ISO violates the first energy law including hardness/elasticity standards from indentations: What can be done?**
Gerd Kaupp, University of Oldenburg, Germany

Panel Discussion

Group Photo @ 12:10-12:15

Sessions:

Nano-Biomaterials | Bio Nanotechnology | Nano Pharmaceuticals | Emerging Trends in Nanotechnology | Nano Biomolecular Engineering | Nanomedicine | Regulation of Nanotechnology

Session Chair: Shaker A Mousa, Albany college of Pharmacy and Health Science, USA

Session Co-chair: Devesh K Agrawal, Baker Hughes, USA

Session Introduction 12:15-12:20

12:20-12:50 Title: **Patent-based technology life cycle analysis: The case of the application of nano-fau and nano-zsm-5 zeolites in petroleum industry**
Mohammad Soltanieh, Sharif University of Technology, Iran

12:50-13:20 Title: **Delivery of lethal dsrnas in insect diets by branched amphiphilic peptide nano-capsules**
John M Tomich, Kansas State University, USA

Panel Discussion

Lunch Break 13:20-14:20 @ Barcelona

14:20-14:50 Title: **Nanoparticulate encapsulation of neem oil and NSKE for the effective control of peanut seed beetle**
J Manjunath, Acharya N G Ranga Agricultural University, India

14:50-15:20 Title: **Fe_{3-δ}O₄ nanoparticles inspired clinical therapeutics in cancer and *Clostridium difficile* infection**
Dar-Bin Shieh, National Cheng Kung University, Taiwan

15:20-15:50 Title: **Nanomachine based on carbon nanodots and iron oxide for efficient infrared therapy of breast cancer**
Alexandre Loukanov, Saitama University, Japan

Panel Discussion

Networking & Refreshments Break 15:50-16:10 @ Foyer

16:10-16:40 Title: **Protein capsids as molecular containers: Cargo loading and controlled release**
Kenneth J Woycechowsky, Tianjin University, China

16:40-17:10 Title: **Nanoparticulate delivery of zinc into plants - The essential for global food and nutritional security**
T N V K V Prasad, Acharya N G Ranga Agricultural University, India

Panel Discussion

Day 2 August 01, 2017

Prague

Keynote Forum

09:45-10:00 Introduction

10:00-10:45 Title: Much higher resolution below the diffraction limit than the more recent stochastic techniques for unstained pristine materials

Gerd Kaupp, University of Oldenburg, Germany

Panel Discussion

Networking & Refreshments Break 10:45-11:05 @ Foyer

11:05-11:50 Title: Interactions of nanoparticles with model lipid systems

Prajnaparamita Dhar, University of Kansas Lawrence, USA

Sessions:

Emerging Trends in Nanotechnology | Impact of Nano Biotechnology | Regulation of Nanotechnology Nano-Biomaterials

Session Chair: Gerd Kaupp, University of Oldenburg, Germany

Session Co-chair: Devesh K Agrawal, Baker Hughes, USA

Session Introduction 11:50-11:55

11:55-12:25

Title: Synthesis, characterization and biocidal effect of copper nanoparticles

Ibrahim Ismail, Cairo University, Egypt

12:25-12:55

Title: Comparative study of silicon nanowire and carbon nanotubes' field effect transistors in ballistic transport

Shaukat Ayesha, Balochistan University of Information Technology, Pakistan

12:55-13:25

Title: Surface acoustic wave stimulated charge transport in solids

Zinetula (Zeke) Insepov, Purdue University, USA

Panel Discussion

Lunch Break 13:25-14:15 @ Barcelona

14:15-14:45

Title: Antibacterial activity of biosynthesized silver nanoparticle against foodborne pathogenic bacteria *Listeria monocytogenes*

Giovana C Bodnar, Oklahoma State University, USA

Poster Presentation @ 14:45-15:15

NB 01

Title: Delivery of lethal dsRNAs in insect diets by branched amphiphilic peptide nano-capsules

John M Tomich, Kansas State University, USA

NB 02

Title: Development of supramolecular cyclodextrin gel for selective separation of sugars in water

Tewodros Getachew Bekele, Ethiopia Biotechnology Institute, Ethiopia

NB 03

Title: Evaluation of the effect of silver nanoparticles associated with eugenol on methicillin-resistant staphylococcus by scanning electron microscopy

Giovana C Bodnar, Oklahoma State University, USA

Awards & Closing Ceremony

Bookmark your dates

World Summit on

Advanced Nanotechnology & Nanomaterials

March 21-22, 2018 New York, USA

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