International conference on

NANOBIO TECHNOLOGY & NANOREGULATIONS

July 31-August 01, 2017 | Chicago, USA

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

Conference Series - UK
Kemp House, 152 City Road, London EC1V 2NX, Toll Free: +1-800-216-6499
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:30</td>
<td>Registrations</td>
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<tr>
<td>10:00</td>
<td>Opening Ceremony</td>
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**Keynote Forum**

**Introduction**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:20-11:05</td>
<td>Impact of nanobiotechnology on the future of medicine (Nanomedicine): The road toward precision medicine</td>
<td>Shaker A Mousa</td>
<td>Albany college of Pharmacy and Health Science, USA</td>
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**Panel Discussion**

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

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<tr>
<td>11:25-12:10</td>
<td>ISO violates the first energy law including hardness/elasticity standards from indentations: What can be done?</td>
<td>Gerd Kaupp</td>
<td>University of Oldenburg, Germany</td>
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</tbody>
</table>

**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**

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<tr>
<td>12:20-12:50</td>
<td>Patent-based technology life cycle analysis: The case of the application of nano-fau and nano-zsm-5 zeolites in petroleum industry</td>
<td>Mohammad Soltanieh</td>
<td>Sharif University of Technology, Iran</td>
</tr>
<tr>
<td>12:50-13:20</td>
<td>Delivery of lethal dsrnas in insect diets by branched amphiphilic peptide nano-capsules</td>
<td>John M Tomich</td>
<td>Kansas State University, USA</td>
</tr>
</tbody>
</table>

**Panel Discussion**

**Lunch Break 13:20-14:20 @ Barcelona**

<table>
<thead>
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<th>Time</th>
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<tr>
<td>14:20-14:50</td>
<td>Nanoparticulate encapsulation of neem oil and NSKE for the effective control of peanut seed beetle</td>
<td>J Manjunath</td>
<td>Acharya N G Ranga Agricultural University, India</td>
</tr>
<tr>
<td>14:50-15:20</td>
<td>Fe$_3$O$_4$ nanoparticles inspired clinical therapeutics in cancer and Clostridium difficile infection</td>
<td>Dar-Bin Shieh</td>
<td>National Cheng Kung University, Taiwan</td>
</tr>
<tr>
<td>15:20-15:50</td>
<td>Nanomachine based on carbon nanodots and iron oxide for efficient infrared therapy of breast cancer</td>
<td>Alexandre Loukanov</td>
<td>Saitama University, Japan</td>
</tr>
</tbody>
</table>

**Panel Discussion**

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

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<tbody>
<tr>
<td>16:10-16:40</td>
<td>Protein capsids as molecular containers: Cargo loading and controlled release</td>
<td>Kenneth J Woycechowsky</td>
<td>Tianjin University, China</td>
</tr>
<tr>
<td>16:40-17:10</td>
<td>Nanoparticulate delivery of zinc into plants - The essential for global food and nutritional security</td>
<td>T N V K V Prasad</td>
<td>Acharya N G Ranga Agricultural University, India</td>
</tr>
</tbody>
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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

E: nanobiotechnology@nanotechconferences.org | nanoregulations@nanotechconferences.org