

Souvenir

21st International Conference on

Advanced Nanoscience and Nanotechnology

June 21-22, 2018 | London, UK

Allied Academies

85 Great Portland St, Marylebone, London W1W 7LT | United Kingdom | Tel: +44-203-769-1755

AGENDA

June 21, 2018

08:30-09:00 Registrations & Souvenir Distribution @ Arora Lobby

Hall - TOWER

09:00-09:30

Opening Ceremony

KEYNOTE FORUM

09:30-10:20

Title: Will graphene nanomaterials change our life?

Alexander M Seifalian | The London BioScience Innovation Centre | UK

10:20-11:10

Title: Treating the twin problem of pain and infection in chronic ulcers using biologically active advanced medicated dressings

Joshua Boateng | University of Greenwich | UK

Group Photo

Networking & Refreshment Break 11:10-11:30 @ Arora Lobby

Session on: Nanoparticles | Pharmacchemistry | Drug Delivery | Pharmaceutical Nanotechnology



Session Chair: Alexander M Seifalian | The London BioScience Innovation Centre | UK

Session Introduction 11:30-11:35

11:35-12:05 Title: Neurological/ brain targeting and ocular targeting by polymeric nano carrier drug delivery

Shraddha S Ghodke | UCL School of Pharmacy | UK

12:05-12:35 Title: Solvent-free synthesis of microparticles on superamphiphobic surfaces

Xu Deng | University of Electronic Science and Technology of China | China

12:35-13:05 Title: *In-vitro* antimicrobial activity in stems of *Montrichardia arborescens* (Moco moco) and combined extract of *Montrichardia arborescens* stems and *Azadirachta indica* (Neem) leaves

Raymond Compton Jagessar | University of Guyana | Guyana

Panel Discussion 13:05-13:15

Lunch Break 13:15-14:30 @ Market Garden Restaurant

Session on: Nanomedicine | Pharma Nanoscience | Nanoelectronics | Industrial Pharmacy



Session Chair: Joshua Boateng | University of Greenwich | UK

Session Introduction 14:30-14:35

14:35-15:05 Title: A discharge approach to ferroelectret nanogenerators – research into novel methods for charging IoT/wearable devices and smart clothing

Piotr Słupski | Haptic Systems | Poland

15:05-15:35 Title: Electrochemical (ORR/OER/HER) applications of carbon nitride-based materials

Muhammad Tahir | The University of Lahore | Pakistan

Panel Discussion 15:35-15:40

Special Session

15:40-16:10 Title: An introduction to Nanoscience Foundries and Fine Analysis (NFFA) project

Ennio Capria | European Synchrotron Radiation Facility | France

Networking & Refreshment Break 16:10-16:30 @ Arora Lobby

June 22, 2018

Hall - TOWER

KEYNOTE FORUM

10:00-10:50

Title: Fluid/solid interface processes on nanoscale

Dimitris Drikakis | University of Strathclyde | UK

10:50-11:40

Title: Non-conventional structural and chemical characterisations for the industry of nano-electronics

Ennio Capria | European Synchrotron Radiation Facility | France

Networking & Refreshment Break 11:40-12:00 @ Arora Lobby

Session on: Pharmacodynamics | DNA nanotechnology | Drug screening | Nanoengineering



Session Chair: Ennio Capria | European Synchrotron Radiation Facility | France

Session Introduction 12:00-12:05

12:05-12:35 Title: Power and flow characteristics during the mixing of simulated new generation automotive coating formulations

Sotiria Tsochataridou | Loughborough University | UK

12:35 -13:05 Title: An investigation of the hypoglycemic effect of the aqueous extract of the fruits of *Psidium guajava*, *Averrhoa bilimbi* and the peel of *Tamarindus indica* in normoglycemic guinea pigs

Raymond Compton Jagessar | University of Guyana | Guyana

Panel Discussion 13:05-13:15

Lunch Break 13:15-14:15 @ Market Garden Restaurant

Young Research Forum

Session Introduction 14:15-14:20

14:20-14:45 Title: Fungicidal activity study of capped and uncapped metallic nanoparticles based on *Trichoderma harzianum*

Mariana Guilger | University of Sorocaba | Brazil

14:45-15:10 Title: Design and optimization of controlled-release metoprolol succinate tablets based on chitosan and xanthan gum

Suha M Dadou | University of Greenwich | UK

15:10-15:35 Title: Development and characterization of novel lyophilized wound dressings for the treatment of hard to heal wounds

Meena Afzali | University of Greenwich | UK

15:35-16:00 Title: Aspirin loaded wafers for buccal and oral GIT delivery for patients with dysphagia to target deep vein thrombosis

Smirna Farias | University of Greenwich | UK

Panel Discussion 16:00-16:10

Networking & Refreshment Break 16:10-16:30 @ Arora Lobby

Poster Presentations 16:30-17:30 @ York Lobby

Poster Judge: **Joshua Boateng** | University of Greenwich | UK

PP 01 Title: Graphene oxide-based organic memory transistors

Amjad Alshawi | Bangor University | UK

PP 02 Title: Study of biogenic iron nanoparticle based on *Trichoderma harzianum* in hidroponic system

Natalia Bilesky-José | University of Sorocaba | Brazil

PP 03 Title: Aspirin loaded wafers for buccal and oral GIT delivery for patients with dysphagia to target deep vein thrombosis

Smirna Farias | University of Greenwich | UK

PP 04 Title: The role of graphene concentration on PEDOT: PSS thin films for organic photovoltaic applications

Fahad Naif A Almutairi | Bangor University | UK

PP 05 Title: Title: Development and characterization of novel lyophilized wound dressings for the treatment of hard to heal wounds

Meena Afzali | University of Greenwich | UK

PP 06 Title: Fungicidal activity study of capped and uncapped metallic nanoparticles based on *Trichoderma harzianum*

Mariana Guilger | University of Sorocaba | Brazil

Panel Discussion 17:50 – 18:00

Award Presentations & Thanks Giving

Closing Ceremony