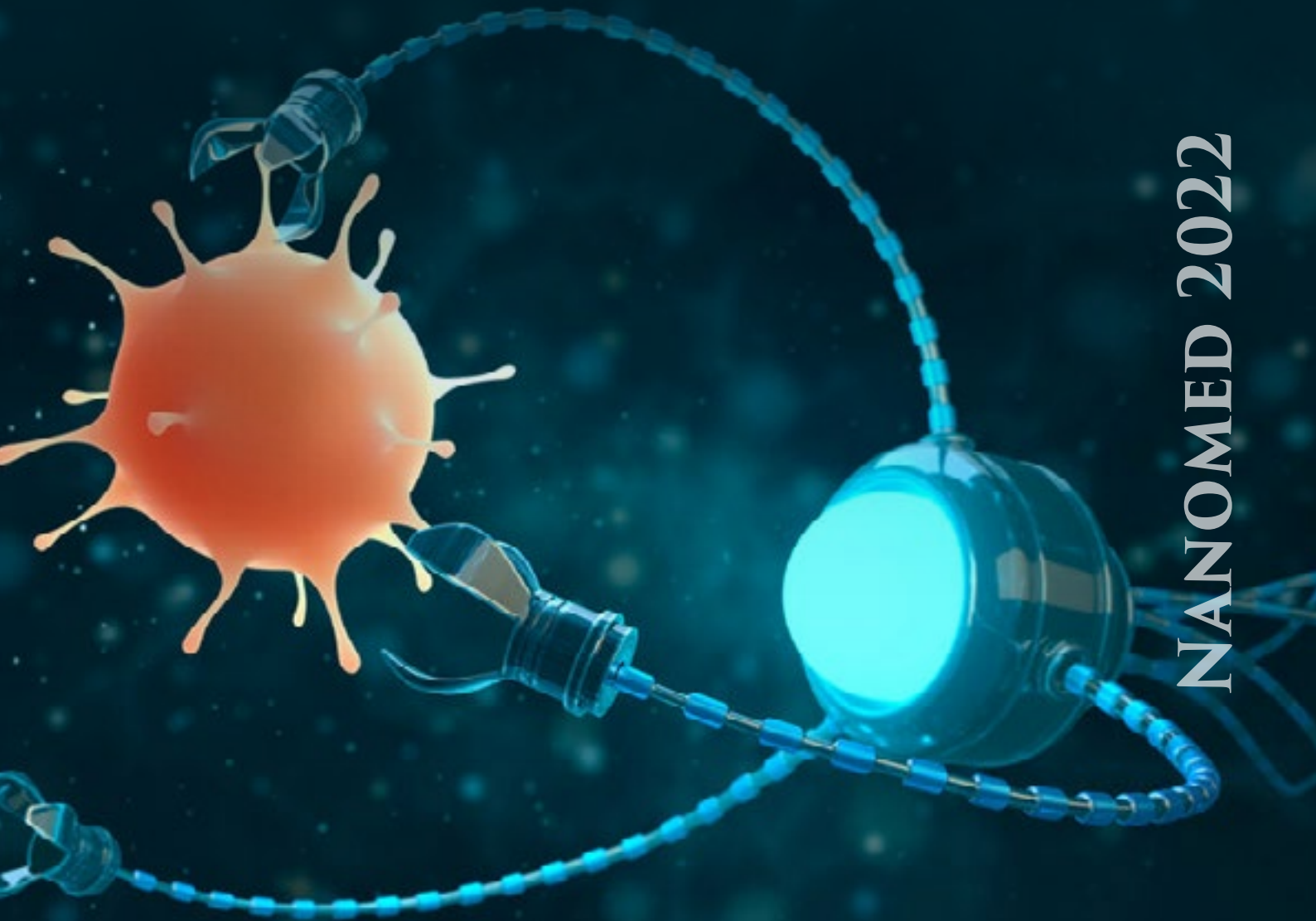
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25 YEARS IN ASSESSING THE IMPACT OF HEALTHCARE RESEARCH

Scientific Program

6th International Conference on

Nanomedicine and Nanotechnology

September 19-20, 2022 - London, UK



NANOMED 2022

Pulsus Group

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Scientific Program

NANOMED 2022

September 19, 2022

Opening Ceremony 08:45 - 09: 00

Keynote Forum

09:00 - 09:45

Title: COVID-19 detection on chest x-ray using an enhanced neural network model: Impact of data network complexity, data augmentation, and transfer learning

Himal Bamzai-Wokhlu, Buchholz High School, United States

09:45 - 10:30

Title: Unique properties and pharmacological applications of microemulsions

Nadeem Kizilbash, Northern Border University, Saudi Arabia

10:30 - 11:15

Title: Long-term maintenance of human pluripotent stem cells in defined media and feder-free condition using recombinant protein

Julee Kim, Seoul National University College of Medicine, South Korea

Networking and Refreshment Break 11:15 -11:30

Sessions on: Phamaceutical Nanotechnology | Nanorobotics

11:30 - 12:00

Title: Development of a novel filtered-based pharmacophore for the identification of human equilibrative nucleoside transporter 1 inhibitors

Azza Ramadan, Al Ain University, UAE

12:00 - 12:30

Title: SMILE: A verbal and graphical user interface tool for speech-control of soccer robots in Ghana

Patrick Fiati, Cape Coast Technical University, Ghana

12:30 - 13:00

Title: Working goal of Brazilein sappan wood as a candidate for SARS-coV-2 antiviral drug against spike (S) glycoprotein, papain-like protease, and main protease: In silico study

Dwi Krihariyani, Surabaya Health Polytechnic, Indonesia

13:00 - 13:30

Title: Formulation and in vivo bioavailability studies of lipid nanoparticles of anticancer agent

Bhupendra G. Prajapati,Ganpat University, India

Lunch Break 13:30 -13:45

Sessions on: Nanoparticle based drug delivery | Nanotechnology | Nanomaterials

13:45 - 14:15

Title: Developing biodegradable nanoparticle-based therapies and repurposing clinically approved drugs to clear Tuberculosis infection in primary mouse and human macrophage model systems

Raja Kalluru, Standford University, USA

14:15 - 14:45

Title: Antimicrobial activities of gold nanoparticle biosynthesis by a bacterial species against multidrug resistance pathogens isolated from wound infection

Sara Bahram Miran, Tishk International University, Iraq

14:45 - 15:15

Title: Liposomes based donepezil nasal in situ gel: Formulation development and in vivo characterization

Shital Butari, Nirma University, India

15:15 - 15:45

Title: Techno-economics in nanocellulose production: Paper-making fibres

Mahendra Patel, Industrypaper, India

Networking and Refreshment Break 15:45-16:00

E-Poster Presentation	
Sessions on: Nanomaterials and Nanoparticles	
16:00 - 16:20	Title: Sugar based monomeric surfactants as nanocarriers in drug and nucleic acid delivery Joanna Patalas, Adam Mickiewicz University, Poland
16:20 - 16:40	Title: Effect of copper oxide nanoparticles on human amyloid beta 1-42 peptide aggregation – a preliminary studies Joanna Maksim, Adam Mickiewicz University, Poland
16:40 - 17:00	Title: Physical characterization of copper-based nanoparticles properties and their effect on serum proteins Karolina Rucinska, Adam Mickiewicz University, Poland
17:00 - 17:20	Title: Triple Functional Cubosomes Carrying Helenalin to Target Rhabdomyosarcoma cells Hakmin Mun, University of Oxford, UK
17:20 - 17:40	Title: Upconversion Nanoparticle-Mediated Optogenetics as a Potential Therapy for Epilepsy Monica Alexander-Sylvester, Dr.Sulaiman Al Habib Hospital,Saudi Arabia
September 20, 2022	
Opening Ceremony 08:45 - 09:00	
Keynote Forum	
09:00 - 09:45	Title: The study of vesicle phoresis in a concentration gradient Safa Ali Almadhi, UCL Department of Chemistry, UK
09:45 - 10:30	Title: Anti CD59 aptamer for targeted delivery of gold nanoparticles in cancer therapeutics: An in vitro study Thomas Arron Illingworth, University of Derby, UK
10:30 - 11:15	Title: Improving Dermal Delivery of Rose Bengal by Deformable Lipid Nanovesicles for Topical Treatment of Melanoma Elisabetta Gavini, University of Sassari, Italy
Speaker sessions - To be updated soon	
Please note that this is a Tentative Program. Timings in this program may subject to change	

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