



INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN NANOMEDICINE

Date: 21-22 February 2025

Venue: Auditorium, Campus-11, KIIT University

DAY-1	21ST FEBRUARY 2025
0930-1000h	REGISTRATION
1000-1030h	<p>INAUGURATION</p> <p>Welcome Address: Prof Mrutyunjay Suar, DG R&D and Innovation, KIIT Address by: Prof. Lajos P Balogh, Editor in Chief, Precision Nanomedicine Address by: Prof. Saranjit Singh, Vice Chancellor, KIIT Address by: Prof. Patrick Hunziker, President of International Society for Nanomedicine, University Hospital Basel, Switzerland Note of Thanks: Dr Namrata Misra, CEO, Bhubaneswar City Knowledge Innovation Cluster</p>
1030-1130h	<p>Technical Session-I: Nanomedicine in General</p> <p>Chair: Prof. Lajos P Balogh, Precision Nanomedicine Keynote Talk (25 min): Prof. Patrick Hunziker, University Hospital Basel, Switzerland <i>"Nanomedicine, closing the knowledge gap in medicine and its translation: from Hype to a pillar of clinical medicine"</i> Invited Talk (20 min): Prof. Nathalie Mignet, Université Paris Cité, France <i>"Nanomedicines as drug delivery systems and imaging agents"</i> Q&A session (10 min)</p>
1130-1200h	Tea/Coffee Break
1200-1310h	<p>Technical Session-II: Advances in Lipid-Based and Nanofiber Therapeutics</p> <p>Chair: Prof. Lily Yang, Emory University School of Medicine, USA Keynote Talk (20 min): Dr Dolores C. Carrer, INIMEC-CONICET-University of Cordoba, Argentina <i>"From lipid biophysics to first-in human efficacy test: topical liposomal treatment for cutaneous leishmaniasis"</i> Invited Talk (20 min): Prof Eliana B Souto, University College Dublin, Ireland <i>"Lipid nanoparticles improve efficacy of melatonin and its natural alternative apigenin"</i> Invited Talk (15 min) Dr Prajakta D. Jain, ICT Mumbai, India <i>"Nanofibers and alternative to animal models for preclinical studies"</i> Q&A session (10 min)</p>
1310-1400h	Lunch & Networking
1400-1445h	<p>Startup Showcasing</p> <p>Chair: Prof Mrutyunjay Suar, KIIT DU, India Showcasing session where 2 impactful startups present their technologies 15 min each Dr Nushrat Sanghamitra, CyGenica (15 min) Dr Aseem Mishra, Prantae Solutions (15 min) Q&A (10 min)</p>
1445-1550h	<p>Technical Session-III: Interdisciplinary</p> <p>Chair: Prof Rodney Hill, University of Idaho, USA Keynote Talk (25 min): Prof Lajos P Balogh, Precision Nanomedicine <i>"Science, Pseudo-Science, and Fake Publications - the State of Science Publishing"</i> Invited Talk (20 min): Dr Silke Krol, European Research Services, Germany <i>"How realistic in vitro models improve the predictability of nanomedicine efficiency"</i> Q&A session (20 min)</p>
1550-1730h	Poster Session & High Tea

DAY-2	22nd February 2025
1000-1100h	<p>Technical Session-IV: Polymers in Manufacturing of Next-Generation Biomedical Devices by CIPET:SARP-LARPM, Bhubaneswar. Chair: Prof. Jiban Jyoti Panda, INST Mohali, India <i>Keynote Talk (20 min): Prof Rodney Hill, University of Idaho, USA</i> <i>"Challenge, Opportunity and Success: Nano-gold for intracellular targeting of Therapeutics"</i> <i>Invited Talk (15 min): Prof. Gopal C Kundu, KIIT DU, India</i> <i>"Nanoparticle -mediated Targeted Drug Delivery in Breast and other Cancers"</i> <i>Invited Talk (15 min): Dr. B. Saravanakumar, Scientist, CIPET, Bhubaneswar, India</i> <i>" Nanogenerators for Healthcare and Biomedical Applications"</i> <i>Q&A session (10 min)</i></p>
1100-1130h	Tea/Coffee Break
1130-1230h	<p>Technical Session-V Nanomedicine in Cancer Therapy Chair: Prof Eliana B Souto, University College Dublin, Ireland <i>Keynote Talk (25 min): Prof Simo Schwartz Jr, Vall Hebron Institut de Recerca, Spain</i> <i>"Nano-carrier Drug Delivery Systems to Overcome Cancer Drug Resistance in the Clinics"</i> <i>Invited Talk (20 min): Prof. Lily Yang, Emory University School of Medicine, USA</i> <i>"Current Advances and Challenges of Tumor and Stroma Targeted Nanomedicine for the Treatment of Therapy-Resistant Human Cancer"</i> <i>Q&A session (10 min)</i></p>
1230-1330h	Lunch & Networking
1330-1500h	<p>Student Ideation Session/ R&D Pitching Session Chair: Dr Namrata Misra, Bhubaneswar City Knowledge Innovation Cluster, India 10 Selected students/researchers will present their innovative ideas</p>
1500-1600h	<p>Technical Session-VI: Regulatory Challenges & Innovations in Biomedical Nanomaterials Chair: Prof. Nathalie Mignet, Université Paris Cité, France <i>Keynote Talk (20 min): Dr. Ilise Feitshans, Virginia Mountain Valley Lawyers Alliance, USA,</i> <i>"Law of nanoscale materials in food: conflicts of law regarding safety in the USA. and EU"</i> <i>Invited Talk (15 min): Prof. Jiban Jyoti Panda, INST Mohali, India</i> <i>"Self-assembled peptide-based biomaterials as Glioma Theranostics"</i> <i>Invited Talk (15 min): Prof. Prakash Kanoo, Jawaharlal Nehru University, India</i> <i>"Biocompatible Drug Delivery Systems Based on Metal-Organic Framework Platforms for Sustained and Controlled Release of Poorly Soluble Drugs"</i> <i>Q&A session (10 min)</i></p>
1600-1630h	VALEDICTORY SESSION & HIGH TEA