

**INTERNATIONAL CONFERENCE OF
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	INAUGURATION 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. Patrick Hunziker, President of International Society for Nanomedicine, University Hospital Basel, Switzerland Address by: Prof. Saranjit Singh, Vice Chancellor, KIIT Address by: Prof. Ashutosh Biswas, Director, All India Institute of Medical Sciences, Bhubaneswar Note of Thanks: Dr Namrata Misra, CEO, Bhubaneswar City Knowledge Innovation Cluster
1030-1145H	Technical Session-I: Nanomedicine in General Chair: Prof. Lajos P Balogh, Editor in Chief, 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): <i>To Be Confirmed</i> <i>"Topic of the talk-To Be Confirmed"</i> Invited Talk (20 min): Prof. Nathalie Mignet, Former President of the French Society for Nanomedicine, Universite Paris Cite <i>"Nanomedicines as drug delivery systems and imaging agents"</i> Q&A session (10 min)
1145-1215h	Tea/Coffee Break
1215-1330h	Technical Session-II: Chair: Keynote Talk (20 min): Dr Dolores C. Carrer, CONICET Independent Researcher Head of Biophysics and Nanotechnology Lab <i>"From lipid biophysics to first-in human efficacy test: topical liposomal treatment for cutaneous leishmaniasis"</i> Invited Talk (15 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 <i>"Nanofibers and alternative to animal models for preclinical studies"</i> Power talk (7 min) Q&A session (10 min)
1330-1430h	Lunch & Networking
1430-1510h	Startup Showcasing Chair: Showcasing session where 2 impactful startups present their technologies 10 min each Dr Nushrat Sanghamitra, Co-Founder Cygenica (10 min) Dr Aseem Mishra, Co-Founder Prantae (10 min) Q&A (10 min)
1510-1625h	Technical Session-III: Miscellaneous Chair: Keynote Talk (25 min) Prof Lajos P Balogh, Editor in Chief, 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, Munster, Germany, <i>"How realistic in vitro models improve the predictability of nanomedicine efficiency"</i> Invited Talk (20 min) Dr. Ilise Feitshans JD, ESI SaferNano, France, <i>"Law of nanoscale materials in food: conflicts of law regarding safety in the USA. and EU"</i> Q&A session (10 min)
16:25-16:50h	Tea/Coffee Break
16:45-18:00h	Poster Session
1930-2100h	Conference Banquet Dinner

DAY-2	22nd February 2025
1000-1115	Technical Session-IV: CoE on Biomedical Devices by CIPET:SARP-LARPM Chair: Dr Smita Mohanty, Principal Director & Head, CIPET:SARP-LARPM, Bhubaneswar <i>Keynote Talk (20 min): Prof Rodney Hill, Univ of Idaho</i> <i>"Challenge, Opportunity and Success: Nano-gold for intracellular targeting of Therapeutics"</i> <i>Invited Talk (15 min): Prof. Lily Yang, Nancy Panoz Chair of Surgery in Cancer Research, Emory University Atlanta, USA</i> <i>"Current Advances and Challenges of Tumor and Stroma Targeted Nanomedicine for the Treatment of Therapy-Resistant Human Cancer"</i> <i>Invited Talk (15 min): Prof. Jiban Jyoti Panda, INST Mohali</i> <i>"Self-assembled peptide-based biomaterials as Glioma Theranostics"</i> <i>Power talk (7 min)</i> <i>Q&A session (10 min)</i>
1115-1145h	Student Ideation Session/ R&D Pitching Session Chair: 10 Selected students will present their innovative ideas
1145-1215h	Tea/Coffee Break
1215-1330h	Technical Session-V Nanomedicine in Cancer Therapy Chair: <i>Keynote Talk (25 min): Prof Simo Schwartz Jr, President of the Europead Cisiety for Nanomedicine, Hospital Universitari Vall d'Hebron, Barcelona</i> <i>"Nano-carrier Drug Delivery Systems to Overcome Cancer Drug Resistance in the Clinics"</i> <i>Invited Talk (20 min): Prof. Subbu Venkatraman, Office of Innovation & Commercialization, UCLA</i> <i>" Nanotherapeutics- status of translation"</i> <i>Invited Talk (20 min): By Thermo Fisher Scientific</i> <i>"Advances in Flow Cytometry imaging"</i> <i>Q&A session (10 min)</i>
1330-1430h	Lunch & Networking
1430-1545h	Technical Session-VI: Chair: <i>Keynote Talk (20 min): Prof. Fabio Rocha Formiga, Oswaldo Cruz Foundation, Brazil</i> <i>"Tackling vector-borne infectious diseases at the nanoscale"</i> <i>Invited Talk (15 min): Dr Smita Mohanty, Principal Director & Head, CIPET:SARP-LARPM, Bhubaneswar</i> <i>"Topic of the talk-To Be Confirmed"</i> <i>Invited Talk (15 min): Prof. Prakash Kanoo, JNU New Delhi</i> <i>"Biocompatible Drug Delivery Systems Based on Metal-Organic Framework Platforms for Sustained and Controlled Release of Poorly Soluble Drugs"</i> <i>Power talk (7 min)</i> <i>Q&A session (10 min)</i>
1545-1700h 75 mins	Technical Session-VII: Chair: <i>Keynote Talk (20 min): Prof Anthony A Attama, University of Nigeria, Nsukka, Nigeria</i> <i>"Antimalarial properties of self-emulsifying nanosystems of bioactive plant extracts"</i> <i>Invited Talk (15 min): Dr Keerti Jain, NIPER Raebareli</i> <i>"Design and evaluation of brain targeted smartly engineered nanocarriers for management of neurodegenerative disorders"</i> <i>Invited Talk (15 min): Prof. Gopal C Kundu, KIIT DU</i> <i>"Nanoparticle -mediated Targeted Drug Delivery in Breast and other Cancers"</i> <i>Power talk (7 min)</i> <i>Q&A session (10 min)</i>
1700-1730h	VALEDICTORY SESSION & HIGH TEA