

Bios of Speakers



1.

Full name

Dr. Alok Adholeya

Affiliation

Programme Director, Sustainable Agriculture, The Energy and Resources Institute, Darbari Seth Block, India Habitat Centre, Lodhi Road, New Delhi – 110003 India

Director

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Dr. Alok Adholeya leads the team on Nanobiotechnology, mycorrhizal research, micropropagation technology, plant tissue culture and molecular biology. Dr Adholeya has chaired numerous advisory committees on Nanoagriculture, Biotechnology and Bioremediation, and is an invited speaker at many international forums. Currently he chairs a major Task Force on Biological Agents in the Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India besides being member of Nanobiotechnology Taskforce in DBT. His work has been published in over 170 research papers in reputed national and international journals and he is also a member of editorial boards for many of these journals. He has guided 22 doctoral students and many masters' students to date and has been an Honorary Professor of Deakin University, Australia since March 2010. He also worked as Director, Product and Technology Development in Mycorrhizal Applications, Oregon, USA between 2014-2017, a subsidiary company of Sumitomo Chemicals.

2. Full name



Ernesto Alfaro-Moreno

Affiliation

International Iberian Nanotechnology Laboratory, Nanosafety

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Brief Bio-Sketch (200-250 words)

Ernesto Alfaro-Moreno has studies on Pharmaceutical Chemistry (1993) and then got a master degree on Biochemistry (1999) and a PhD in Biomedical Sciences (2004), from the National Autonomous University of Mexico (UNAM). From 2006 to 2008 he was an ERS-postdoctoral fellow at the Lung Toxicology Unit of the K.U. Leuven. From 2008 to 2014 he was head of the Environmental Toxicology Laboratory at the National Cancer Institute of Mexico. In 2015 he moved to Sweden to lead the Inhalation Toxicology effort at SWETOX. Since June 2020, he leads the Nanosafety group at INL. The Nanosafety group is growing in the following areas-Nanotoxicology, Organ-on-a-chip, Epigenetics, *In Silico* models

Ernesto has over 40 publications including original and review articles, book chapters and popular science articles, with over 2000 citations and an h-Index of 21.



3. Full name

Begoña Espiña

Affiliations

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Brief Bio-Sketch (200-250 words)

Begoña Espiña holds both Diploma (2003) and PhD (2009) degrees in Biology from the University of Santiago de Compostela, Spain. Currently, she leads the “Water quality” group at INL. Her research focuses on applied nanotechnology to find new solutions for mitigating the impact of water contaminants in human health, environment and industry within three main activities:

Nanotech-based sensors for water quality monitoring, Nanomaterials for water disinfection and decontamination; (Eco) nanotoxicology

Begoña has integrated and managed several major competitive research projects funded by EU. She also coordinates the EU-Interreg ATLANTIC AREA NANOCULTURE. She is principal investigator for several H2020 and ERDF regional projects related to the topic of the project: Interreg SUDOE- NANODESK, Interreg POCTEP ACUINANO, H2020 SAFE-N-MEDTECH and H2020 NANOUP TAKE and has led several industrial collaborations. Begoña has published 45 peer-reviewed papers indexed in the SCI (with more than 500 citations; h-index of 16).

4. Full name :



Dr.Amit Dinda

Affiliations

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Dr Dinda is an Emeritus Professor in Department of Pathology, at All India Institute of Medical Sciences, New Delhi. He did his MBBS from Calcutta Medical College, post-graduation in Pathology at AIIMS followed by PhD in the area of Neuro-oncology. He is officer in-charge of Division of Renal & Transplant Pathology. He has keen interest in experimental pathology with interdisciplinary research in immunopathology, tissue engineering, cancer biology and Nanomedicine.

He is actively working in the area of application of Nanotechnology in Medicine and Nanotoxicology. His laboratory has developed nanoparticle based oral gene delivery system and nanoadjuvant for developing single shot booster free vaccine, development of novel nanocarriers for Amphotericin B, technology for delivering 4 anti-tubercular drugs in one nanoparticle, macrophage targeted siRNA delivery system for reversal of Atherosclerosis plaque, combined chemo and photothermal therapy for superficial bladder cancer and study of long term fate and toxicity of gold nanoparticle. Visiting Professor in Albert Einstein Institute of Medical Sciences, New York 2004 -5, Visiting Professor University of New South Wales, Australia 2008. He is Founder Secretary of Indian Society of Nanomedicine (ISNM), Ex-President of Indian Society of Renal & Transplant Pathology, Ex-Vice President of Society for Tissue Engineering and Regenerative Medicine (India) (SABOI), Ex-Vice President, Electron Microscopy Society of India (EMSI). He has published more than 300 papers in peer reviewed journals and holds 8 Indian Patents.