



# Global Scientific Guild Conference

## Program

### 4<sup>th</sup> Edition of Global Webinar on Nanotechnology and Nanoscience

June 26-27, 2024

Chairperson



**Prof. Maria Cecilia Colautti**  
*National Defense University,  
Republic of Argentina*

Honorary Chairman



**Dr. Tomasz Krystofiak**  
*Poznan University of Life  
Sciences, Poland*

Technical Co-Chairman



**Dr. Yuvaraja Visagathilagar**  
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# Day-1

Wednesday, June 26, 2024

Conference starts at 09:00 AM Eastern Daylight Time or 01:00 PM GMT or 06:30 PM IST

09:00-09:10 Introduction/Opening Ceremony

09:10-09:40 Title: Nanoplastics: hypotheses on their nanotoxic effects



**Prof. Maria Cecilia Colautti**, National Defense University, Republic of Argentina

09:40-10:10 Title : 2D Heterostructures & 2D Ferroelectrics



**Prof. Andrew T. S. Wee**, Department of Physics, National University of Singapore, Singapore

10:10-10:40 Title: Exploring the Impact of Nanomorphology in Biological Assays



**Prof. Paulo César DE MORAIS**, Catholic University of Brasília, Brazil

10:40-11:10 Title: "Hidden dangers in the quantum world"



**Yansha Yu-Sandstrom**, Independent scholar, USA

11:10-11:40 Title: Molten salt-shielded preparation of the ultrathin nanosheets of  $Ti_3C_2Cl_2$  MXene@ $TiO_2$



**Mojtaba Rostami**, School of Chemistry, College of Science, University of Tehran, Tehran, Iran

11:40-11:50 Break

12:20-12:50 Title: Nanoparticle Revolution: Transforming Water Treatment for Hydrocarbon and Heavy Metal Pollution Management



**Prof Osman Adiguzel**, Thermomechanical Transformations and Memory Characteristics of Shape Memory Alloys

12:50-13:15 Title: Cellular characterization of extracellular mitochondria transfer



**Zahra Al Amir Dache**, Postdoctoral Researcher at Université de Paris, France

# Day-2

Thursday, June 27, 2024

Conference starts at 09:00 AM Eastern Daylight Time or 01:00 PM GMT or 06:30 PM IST

09:00-09:30



Title: PUR adhesives with nanoparticles - for improving water - and thermoresistance

**Dr. Tomasz Krystofiak**, Poznan University of Life Sciences, Poland

09:30-10:00



Title: Circumventing Challenges in CVD Graphene Coating on Mild Steels for Remarkable and Durable Corrosion Resistance

**Prof. Raman Singh**, Department of Mechanical & Aerospace Engineering, Department of Chemical & Biological Engineering, Australia

10:00-10:25



Title: Biodegradability of Carbon fullerenes by Human Enzyme

**Rajendra Kurapati**, School of Chemistry, Indian Institute of Science Education and Research Thiruvananthapuram, India

10:25-11:05



Title: Carbon Nanotubules, Potencial Nanotoxicological Risks In Workers Health

**Dr. Santiago Aldaz**, Pontificia Universidad Católica Argentina, Ciudad Autónoma de Buenos Aires, Argentina

11:05-11:35



Title: "Decellularization and Characterization of Lung Tissue, and the Investigation of the Effect of Metastasis on the Lung Microenvironment: A Bioengineering Approach

**Tuana Gürşen**, Bioengineering and Chemical Engineering Student at Ege University, İzmir, Türkiye

11:35-12:05



Title: Nanoparticle Revoluton: Transforming Water Treatment for Hydrocarbon and Heavy Metal Polluton Management

**Dr. REMITA Ferial**, Environmental Research Center, Annaba, Algeria

12:05-12:30



Title: The Dire Consequences of Nano Tech Development and Transhumanism Morphology

**Bryan Pelletier**, Bryan396 Nano Tech Research Project, Canada

# OUR OTHER CONFERENCES

<b>Global Webinar on Renewable and Sustainable Energy</b>	<b>June 12-13, 2024</b>
<b>Global Webinar on Vaccines Research and Development</b>	<b>June 19-20, 2024</b>
<b>10<sup>th</sup> Global Webinar on Applied Science, Engineering and Technology</b>	<b>July 03-04, 2024</b>
<b>12th Global Webinar on Traditional and Integrative Medicine</b>	<b>July 10-11, 2024</b>
<b>11th Global Online Conference on Forensic Science</b>	<b>July 17-18, 2024</b>
<b>10th Global Webinar on Materials Science and Engineering</b>	<b>August 01-02, 2024</b>
<b>3rd Global Webinar on Neuroscience and Brain Disorders</b>	<b>August 13-14, 2024</b>