

Scientific Program

24th European Toxicology and Applied Pharmacology

February 15, 2023 | Webinar

UK: Conference Series LLC Ltd
35 Ruddlesway, Windsor, Berkshire, SL4 5SF

February 15, 2023

Sessions will be hosted in GMT+1 (UK Timings)

Opening Ceremony

Keynote Forum

09:15-09:30 Introduction

09:30-10:10 **Title: Improving water barrier and mechanical properties of epoxy with nanoclays**
Necar Merah, King Fahd University of Petroleum and Minerals, Saudi Arabia

10:10-10:50 **Title: An effective approach to reduce the penetration potential of sars-cov-2 and other viruses by spike protein: Through surface particle electrostatic charge negotiation**
Sudip Chatterjee, Regent Education and Research Foundation, India

10:50-11:30 **Title: Nano science and nano technology research using ion beams, lasers and gamma radiations**
Anand P Pathak, University of Hyderabad, India

Sessions: Nanoparticles | Nano Electronic Devices | Advanced Nanomaterial's | Nanotechnology Applications | Nanomaterials Safety and Regulations | Nanoscale Materials | Applications of Nanomaterials | Nanotech Products | Nano Devices and Systems | Materials Science and Engineering | Biomaterials and Medical Devices | Ceramics and Composite Materials | Physics and Chemistry of Materials | Graphene and 2D Materials | Advanced Nanomaterials - production, Synthesis and Processing | Toxicology | Pharmacology | Toxicology and Risk Assessment | Pharmacological Testing | Biochemical and Molecular Toxicology

11:30-12:00 **Title: Human nanomedicine: Nanomaterials in the clinic**
Thomas J. Webster, Hebei University of Technology, China

12:00-12:30 **Title: Applications of quality by design approach in nanotechnology**
Mohamed Abbas Ibrahim, King Saud University, Saudi Arabia

12:30-13:00 **Title: Coupled exciton- surface plasmon polariton enhanced photoresponse of 2D hydrogenated SiB**
Farzaneh Shayeganfar, Amirkabir University of Technology, Iran

Lunck Break @ 13:30-13:50


13:50-14:20 **Title: Toxic impacts of SARS-CoV-2 variants and anti-viral potential effects in hospitalized patients in Duhok Province-Kurdistan Region**
Ghazwan Ahmed M. Raouf, University of Duhok, Iraq, in collaboration with Università degli Studi della Tuscia-Viterbo, Italy

14:20-14:50 **Title: Nanomaterials for agriculture**
Siddhartha S. Mukhopadhyay, Punjab Agricultural University, India

14:50-15:20 **Title:**



15:20-15:50 **Title: Electronic structure calculation of graphene by formulating a relativistic tight-binding approximation model**
Rohin Sharna, Kathmandu University, India



15:50-16:20 **Title: Process intensification and optimization for sonocrystallisation of uranium peroxide**
Shrishma Paik, Bhabha Atomic Research Centre, India

Poster Presentations @ 16:20 - 17:00

Poster-01 **Title: Analysis of deaths caused by wheat pill poisoning in divisional headquarters teaching hospital Mirpur Azad Kashmir from October 2019 - October 2022**
Qurat-ul-ain Ayub, Hospital Mirpur AJK, Pakistan

Poster-02 **Title: Positively charged nanoplastics inhibit *Bacillus subtilis* planktonic and biofilm formation**
Franklin Perez, University of Toronto, Canada

Awards & Closing Ceremony

