

12<sup>th</sup> International Conference and Exhibition on

# Chromatography and Analytical Techniques

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**October 25, 2022 | Webinar**

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

October 25, 2022

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

## Opening Ceremony

09:15-09:30 Introduction

### Keynote Forum

09:30-10:10 **Title: Personalized and Precision Medicine (PPM) as a unique healthcare model to be set up via biodesign, bio and chemical engineering, translational applications and upgraded business modeling to secure the human healthcare and biosafety**

Sergey Suchkov, Institute for Global Health of MGUPP and A.I. Evdokimov MGMSU, Russia

**Sessions: Nano Materials Synthesis and Characterisation | Nanoscience and Technology | Nano Computational Modelling | Materials Science and Engineering | Pharmaceutical Chemistry | Anti-Infective Agents in Medicinal Chemistry | Neuroscience and Neurochemistry | Pharmaceutical Analysis | Plant Morphology and Plant Metabolism | Soil Science and Soil-Plant Nutrition | Medicinal and Aromatic Plant Sciences | Agricultural Sciences**

10:10-10:40 **Title: Mastitis in dairy cows: Symptoms, causes, preventions and treatments**  
Fadil Alawi, Agrihealth NZ Ltd, Newzealand

10:40-11:10 **Title: Glutathionylation promotes Gbb degradation by proteasome-mediated pathway**  
Md. Shafayat Hossain, Chinese Academy of Sciences, China

11:10-11:40 **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, Swami Vivekananda University, India


11:40-12:10 **Title: Silver and gold nanoparticles using green method of synthesis and evaluation of their antibacterial activity**  
Marvit Osman Widdatallah Omer, University of Medical Sciences and Technology, Sudan

12:10-12:40 **Title: Modelling effects of disorder on thermal conductivity in highly disordered nanostructures**  
Dhritiman Chakraborty, Amity University, India


12:40-13:10 **Title: Breaking rules to develop antiviral drug candidates for small dna tumor viruses and (-)strand rna viruses**  
James K. Bashkin, University of Missouri-Saint Louis, Unites States

**Lunch Break @ 13:10-13:30**

13:30-14:00 **Title: Effects of common hyphal network in tomato plants during the early stages of arbuscular mycorrhizal symbiosis**  
Cesaro Patrizia, Università del Piemonte Orientale, Italy



**14:00-14:30** **Title: Phytochemical analysis and antioxidant activity of *Pistacia lentiscus* fruit extracts during the ripening stages: Potential uses in the food industry**  
Djebbar Atmani, Laboratoire de Biochimie Appliquée, Algeria



**14:30-15:00** **Title: Women, forty years on inverse gas chromatography: New methods and models for the characterization of surfaces and interfaces of materials**  
Tayssir Hamieh, Maastricht University, Netherlands

**Poster Presentations @ 15:00-16:00**

**Poster-01** **Title: Capsaicin: A two-decade systematic review of global research output and recent advances against human cancer**  
Ademola Emmanuel Adetunji, University of Cape Town, South Africa

**Poster-02** **Title: Trace metals analysis in electronic cigarettes formulations using atomic spectroscopy techniques**  
Abdulaziz Al-Mantashari, Umm Al-Qura University College of Science, Saudi Arabia

**Poster-03** **Title: Influence of physical factors caused by magnetite nanoparticles (MCS-B) on different groups of microorganisms**  
Andrey Belousov, Laboratory of Applied Nanotechnology of Belousov, Ukraine

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**Awards & Closing Ceremony**

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