

# Scientific Program

14<sup>th</sup> International Conference and Expo on

## Chromatography Techniques

---

February 21, 2022 | Webinar

---

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

## Opening Ceremony

### 09:00-09:10 Introduction

Sessions: [Pharmaceutics](#) | [Pharmaceutical Chemistry](#) | [Pharmaceutical Nanotechnology](#) | [Nano particulate Drug Delivery Systems](#) | [Nanomedicine](#) | [Medical Devices for Drug Delivery](#) | [Pharmaceutical Analysis](#) | [Chromatography](#) | [Novel Drug Delivery](#)

**09:10-09:40** **Title:** Lipid-based Ionic Liquid is a Novel Biocompatible Carriers for the Transdermal Peptide Drug Delivery

SHIHAB UDDIN, Kyushu University, Japan.

**09:40-10:10** **Title:** Desining Oral Solid Drug Therapies to Better Meet the Physical Needs of Special Patient Populations

Nélio Drumond, Takeda Pharma, Germany.

**10:10-10:40** **Title:** The Histological Changes in Rat's Brain with Alcohol are Potentially Due to Activation of Cerebral NLRP3 Inflammasomes

Dalia Alaa El-Din Aly El-Waseef, Ain Shams University, Egypt.

**10:40-11:10** **Title:** Fabrication of Nanoparticles for Delivery Across Microneedle Microporated Ocular Tissues

Samer Fahmi Ismail Adwan, Queen's University Belfast, UK.

**11:10-11:40** **Title:** Investigating the Binding Mechanism of hERG Potassium Channel using Scorpion and Sea Anemone Venoms as Therapeutic Agents

Tiyyaba Furqan, Comsats University Islamabad, Pakistan.

**11:40-12:10** **Title:** Nano-Repurposing Strategies for Enhanced Efficacy Against New Indications

Vivek Gupta, St. John's University, USA.

### Poster Presentations

**12:10-12:30** **Title:** Fraud Food and Food Spoilage Detection by Non-Destructive Technologies

Suliman Khan, Jiangsu University, China.


**12:30-12:50** **Title:** Comparison of Gas Chromatography and High Performance Liquid Chromatography for the Analysis of Trace Explosives

Kamal Saud Alblawi, King Abdulaziz University (KAU), Saudi Arabia.



**12: 50-13:10** **Title: Differentiation of Siberian and European larch Based on Volatile Organic Compounds Fingerprints.**

Petra Bajerova, University of Pardubice, Czech Republic.



**13:10-13:30** **Title: Diabet type II conection with anemia. HPLC (High Performance Liquid Chromatography) is Gold Standard Method for Glycated Hemoglobin( Hba1c), Who Detects Anormal Forms Of Haemoglobin, Such As Hbf Positive In Other Diseases as: Anemia, Congenital Hemoglobinopathy, Deep Venous Thrombosis, Thyrotoxicosis And Some Neoplasms.**

Luljeta Hetemi, University Goce Delcev-North Macedonia and Olivemedical laboratory, Prishtina.

### Keynote Session

---

**13:40-14:20** **Title: Emerging Platforms for Targeted and Optimized Brain Drug Delivery**

Donald Turner, Neosinus Health, USA.

**14:20-15:00** **Title: 4D Printing: Advances in COVID-19 Therapies, Drug Delivery, Regenerative Medicine, and More**

Thomas J webster, Interstellar Therapeutics, USA.

**15:00-15:40** **Title: New Concepts for Drug Product Innovation & Novel Excipients - FDA Novel Excipient Pilot Program**

Dave Schoneker, Black Diamond Regulatory Consulting, LLC, USA.

### Awards & Closing Ceremony

