

# Webinar Program



## Chemistry Virtual 2020

Biotechnology Virtual 2020,  
Pharma Virtual 2020 and  
Materials Science  
Virtual 2020

# 16-17

November, 2020

■ **Sessions on:** Biotechnology and Bioengineering | Pharmaceuticals and Drug Delivery Systems

12:00-12:10 Introduction

## ■ **Keynote Presentations I**

Webinar Speakers  
Time Zone Time Zone

12:10-13:00 09:10-10:00 Title: Bioengineering single-cell oil production by oleaginous *Rhodococcus* spp. to enlarge their application spectrum

**Hector M. Alvarez**, University of Patagonia San Juan Bosco, Argentina

## ■ **Oral Presentations I**

13:00-13:20 13:00-13:20 Title: Improving bioprocesses by using adaptation strategies of *Rhodococcus*

**Carla CCR de Carvalho**, Instituto Superior Tecnico, Portugal

13:20-13:40 14:20-14:40 Title: Towards a better comprehension of present and future cyberbiosecurity vulnerabilities fostered by an interdisciplinary security approach

**Siguna Mueller**, Independent Researcher, Austria

13:40-14:00 14:40-15:00 Title: Molecular marker characterization and petal valorization of saffron '*Crocus sativus* L.'

**Mohammed Amine Serghini**, Ibn Zohr University, Morocco

14:00-14:20 19:30-19:50 Title: Bioinformatic approaches on differential gene expression in scrub typhus compared to some other acute febrile infections

**Shyamapada Mandal**, University of Gour Banga, India

14:20-14:40 08:20-08:40 Title: Biotechnological approach to valorize emissions: Biological conversion of styrene to polyhydroxyalkanoates using two-phase partitioning bioreactors

**Victor Alfonso Alonso Campos**, IPICYT, Mexico

14:40-15:00 08:40-09:00 Title: Implementation of conductive materials: Reduced graphene oxide adorned with Fe<sub>3</sub>O<sub>4</sub> nanoparticles for biogas upgrading

**Itzel Covarrubias**, IPICYT, Mexico

|             |             |  |
|-------------|-------------|--|
| 15:00-15:20 | 18:00-18:20 | Title: Assessment an umbilical cells induced neuroplasticity in patients with schizophrenia using functional MRI<br><br><b>Dmitry Ustyuzhanin</b> , National Medical Research Center of Cardiology, Russia                   |
| 15:20-15:40 | 18:50-19:10 | Title: An overview of RSV antiviral medicinal plants that may be key to Coronavirus<br><br><b>Mansureh Ghavam</b> , University of Kashan, Iran   |
| 15:40-16:00 | 21:10-21:30 | Title: Coumarin-dihydropyrimidinone hybrids: Design, virtual screening, synthesis and cytotoxic activity against breast cancer<br><br><b>Rohit Bhatia</b> , ISF College of Pharmacy, India                                   |
| 16:00-16:20 | 21:30-21:50 | Title: Photoluminescence and electrochemical properties of Thiazole derivative's Schiff base ligand based coordination complexes<br><br><b>Neha Mishra</b> , Dr. Hari Singh Gour University, India                           |
| 16:20-16:40 | 21:50-22:10 | Title: TBA<br><br><b>Neha M.Munot</b> , STES's Smt.Kashibai Navale College of Pharmacy, India  |
| 16:40-17:00 | 18:40-19:00 | Title: The molecular mechanism underlining the preventive effect of vitamin D against hepatic and renal acute toxicity through the NrF2/ BACH1/ HO-1 pathway<br><br><b>Nada F. Abo El-Magda</b> , Mansoura University, Egypt |

## ■ Poster Presentations I

|             |             |   |
|-------------|-------------|---|
| 17:00-17:10 | 11:00-11:10 | Title: Obtaining blue fluorescent protein trough a novel technique<br><br><b>Lucelly Montserrat Medina Pino</b> , Meritorious Autonomous University of Puebla, Mexico |
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## ■ Keynote Presentations II

|             |             |  |
|-------------|-------------|--|
| 17:10-18:00 | 18:10-19:00 | Title: Nanostructured formulations in skin cancer: Challenges and perspectives<br><br><b>Daniela Monti</b> , University of Pisa, Italy |
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**End of Day 1**

■ **Sessions on:** Chemistry and Material Science

■ **Keynote Presentations I**

| Webinar<br>Time Zone | Speakers<br>Time Zone |   |
|----------------------|-----------------------|---|
| 12:00-12:50          | 16:00-16:50           | Title: Poly(sugar acids): Acidic Polysaccharide Poly[3-(3,4-Dihydroxyphenyl)Glyceric Acid] from medicinal plants of Boraginaceae family, its synthetic analogues and their potential therapeutic effect<br><br><b>Vakhtang Barbakadze</b> , Tbilisi State Medical University, Georgia |

■ **Oral Presentations I**

|             |             |   |
|-------------|-------------|---|
| 12:50-13:10 | 15:50-16:10 | Title: Impact of concomitant administration of Apixaban and Rifampicin on the pharmacokinetics of Apixaban in rat plasma using developed HPLC/MS method<br><br><b>Roaa Tayeb</b> , King Abdulaziz University, Saudi Arabia  |
| 13:10-13:30 | 18:40-19:00 | Title: Organic synthesis under solvothermal condition<br><br><b>Kuriya M. Lokanatha Rai</b> , University of Mysore, India   |
| 13:30-13:50 | 13:30-13:50 | Title: Development of electrocatalysts and their structural evolution<br><br><b>Guanjie He</b> , University of Lincoln, U.K.  |
| 13:50-14:10 | 14:50-15:10 | Title: Ferrocenylated molecular cages bearing triazine moieties<br><br><b>Aleksandra Kosinska</b> , Warsaw University of Technology, Poland   |
| 14:10-14:30 | 17:10-17:30 | Title: A sensitive high-performance liquid chromatography tandem mass spectrometric method for determination of bisoprolol after derivatization with 3-bromomethylpropyphenazone: Application to rat serum<br><br><b>Huda Abdulaziz Shaheen</b> , King Abdulaziz University, Saudi Arabia |

■ **Keynote Presentations II**

|             |             |  |
|-------------|-------------|--|
| 14:30-15:20 | 16:30-17:20 | Title: Factors affecting foam stability and behavioral description of dynamic surface tension for Polysiloxane-Polyether copolymers in Polyol<br><br><b>Loai Aljerf</b> , Damascus University, Syria |
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## ■ Oral Presentations II

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|-------------|-------------|---|
| 15:20-15:40 | 17:20-17:40 | Title: Crystallization behavior of biodegradable polyurethane films based on Glycols-Hexamethylene Diisocyanate<br><br><b>Loai Aljerf</b> , Damascus University, Syria  |
| 15:40-16:00 | 17:40-18:00 | Title: Rheological behavior of olive oil used as biodegradable lubricant<br><br><b>Ioana Stanciu</b> , University of Bucharest, Romania   |
| 16:00-16:20 | 17:00-17:20 | Title: Impacts of artisanal mining activities on heavy metal contents in soil, water and selected food crops<br><br><b>Alexander Ajai</b> , Federal University of Technology, Nigeria   |
| 16:20-16:40 | 17:20-17:40 | Title: Evaluation of ecofriendly compounds performance as corrosion inhibitors for mild steel in molar hydrochloric acid: Electrochemical study and theoretical approach<br><br><b>Mohamed Oubaaqa</b> , Ibn Tofail University, Morocco |
| 16:40-17:00 | 16:40-17:00 | Title: Organic/Inorganic hybrid materials for catalytic applications<br><br><b>Fabio M. S. Rodrigues</b> , University of Coimbra, Portugal  |
| 17:00-17:20 | 18:00-18:20 | Title: Synthesis and characterization of copper-doped forsterite as new blue ceramic pigments<br><br><b>Nouha Siragi</b> , University of Cadi Ayyad, Marrakech, Morocco   |
| 17:20-17:40 | 17:20-17:40 | Title: Vertical and horizontal cell structural appraisal of a 9-year cedrela odorata wood for pulp and paper making<br><br><b>Peter Kessels Dadzie</b> , Kumasi Technical University, Ghana   |
| 17:40-18:00 | 18:40-19:00 | Title: Numerical analysis of ZnS/SnS Heterojunction solar cell<br><br><b>Beddiaf Zaidi</b> , University of Batna, Algeria   |
| 18:00-18:20 | 19:00-19:20 | Title: Effect of flame retardants and 1% stabilizer on melting and melting dripping behaviour of pp thermoplastic polymers<br><br><b>Mastura A .Abdalshafie Efhema</b> , Omer Al - Mukhtar University El-Beida, UK                      |
| 18:20-18:40 | 19:20-19:40 | Title: Understanding the scales formation Inhibition mechanism on C-Steel in a sourmedia<br><br><b>Noora Al-Qahtani</b> , Qatar University, Qatar   |

## Closing Ceremony



## Contact

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