

151st Conference
Scientific Federation



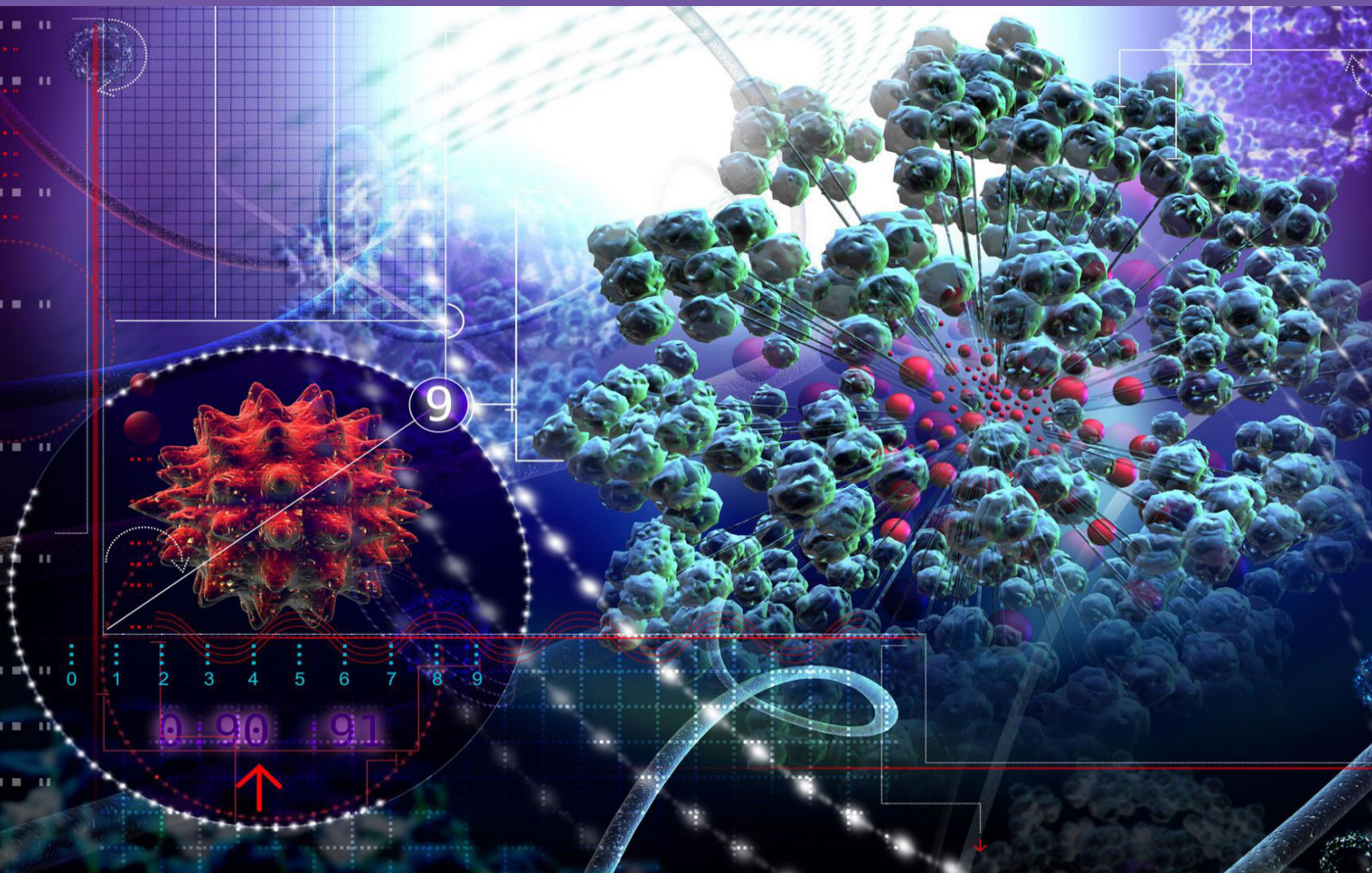
Sheraton Skyline Hotel London Heathrow, Heathrow
Airport Bath Road London Heathrow UB3 5BP, London,
United Kingdom



Scientific Program

5th International Congress & Expo on **Biotechnology and Bioengineering**

June 17-18, 2019 | London, UK



Scientific Federation
Panjagutta, Hyderabad, Telangana-500082, India

Day 1 June 17, 2019

Lisbon Room

08:00-09:00 Registrations

09:00-09:15 Introduction & Opening Words

Plenary Session

09:15-9:55 Title: **Bio-engineered Natural Photoreceptor Proteins for Photonic Applications**

Sukhdev Roy, Dayalbagh Educational Institute, India

09:55-10:35 Title: **Biomechanics of the Forearm**

Michael Boland, University of Auckland, New Zealand

10:35-11:15 Title: **A Critical Survey of Mathematical Approaches towards Genome and Protein Sequence Comparison**

Dilip Kumar Bhattacharya, Calcutta University, India

Refreshments Break 11:15-11:30 @ Foyer

11:30-12:10 Title: **Molecular-based Communication in Biological Systems**

Tajalli Keshavarz, University of Westminster, UK

12:10-12:50 Title: **Perspectives of Usage of Mushroom Resources in Biotechnology and Biomedicine**

Susanna Badalyan, Yerevan State University, Armenia

Group Photo 12:50-13:00

Lunch Break 13:00-14:00 @ Restaurant

Keynote Session

14:00-14:30 Title: **Abnormal Atrial Endo Cardial Electrograms Recorded by Right Atrial Catheter Mapping Technique during Sinus Rhythm Patients with Paroxysmal Atrial Fibrillation**

Osmar Antonio Centurion, Asuncion National University, Paraguay

14:30-15:00 Title: **Nanoparticles as Contrast Enhancing Agents for Multimodal Imaging**

Haim Azhari, Technion IIT, Israel

15:00-15:30 Title: **Endo cardiac Catheter Mapping Technique of the Right Atrium Patients with Sinus Nododys Function**

Osmar Antonio Centurion, Asuncion National University, Paraguay

15:30-16:00 Title: **The use of MTT and the Ames Test for the Screening of Novel Drugs Candidates with Efficacy for Killing Breast Cancer**

George H Armstrong, Tougaloo College, US

Refreshments Break 16:00-16:15 @ Foyer

Oral Sessions

Sessions Biomedical engineering | Protein Biotechnology | Medical Biotechnology

Session Chair Dilip Kumar Bhattacharya, Calcutta University, India

16:15-16:40 Title: **Thermogram for Early Detection of Cancer**

Deepa Jose, KCG College of Technology, India

16:40-17:05 Title: **Bioengineering Tenebrio Molitor Antifreeze Protein through Directed Evolution**

Shiwei Song, Ngee Ann Polytechnic, Singapore

17:05-17:30 Title: **Biofunctionalized Nanowires for Enhanced Cancer Cell Targeting**

Nouf Alsharif, King Abdullah University of Science and Technology, Saudi Arabia

Closing the Conference for the Day 1

Day 2 June 18, 2019

Lisbon Room

Oral Sessions

Sessions Bioinformatics and Biosensors | Biomedical Engineering | Industrial Biotechnology and Fermentation techniques | Protein Biotechnology | Environmental Biotechnology | Current Scenario in Biotechnology | Cancer Biotechnology | Applied Biotechnology

Session Chair Sukhdev Roy, Dayalbagh Educational Institute, India

- 09:15-09:40** **Title: Pretreatment Technologies for Enhancing Anaerobic Digestibility of Municipal Solid Wastes**
Elsayed Elbeshbishy, Ryerson University, Canada
- 09:40-10:05** **Title: Screen Printed Sensors for Environmental Monitoring: A Case of Study**
Rocco Cancelliere, University of Rome Tor Vergata, Italy
- 10:05-10:30** **Title: Morphological Change Monitoring of Skin Lesions for Early Melanoma Detection**
Mehmet Celenk, Ohio University, USA
- 10:30-10:55** **Title: Production and Characterisation of Cellulase from Local Isolate of Penicillium sp. Under Solid State Cultivation of Rice Straw**
Nooshin Rahnama, Islamic Azad University, Iran
- 10:55-11:20** **Title: Will be updated soon**
Rashed M. Al Tamami, Saudi Food and Drug Authority, Saudi Arabia

Refreshments Break 11:20-11:35 @ Foyer

- 11:35-12:00** **Title: Structural Studies of Psychrophilic Enzymes - Mechanism of Cold Adaptation**
Anna Bujacz, Lodz University of Technology, Poland
- 12:00-12:25** **Title: Assessment of the Energy Production Potential from Phytoremediation Derived Biomass**
Ana P.G.C. Marques, CBQF/ESB-UCP, Portugal
- 12:25-12:50** **Title: Direct and Selective Detection of Bacteria Using Surface-Enhanced Raman Scattering (SERS) Imaging**
Anne Chantal Gouget, CNRS-Ecole Polytechnique, France
- 12:50-13:15** **Title: Engineering Lipases for their Thermal Adaptation and their Application**
Jagdeep Kaur, Panjab University, India

Lunch Break 13:15-14:00 @ Foyer

- 14:00-14:25** **Title: Preparation of Polysaccharide-Based Nano-Emulsion as a Targeted Delivery System for Malignant Melanoma Cells**
Ghazal Hatami Fard, University of Westminster, UK
- 14:25-14:50** **Title: Can Spores Communicate? – Investigating Spores for Changes in Morphology and Physiology**
Mahek Merchant, University of Westminster, UK
- 14:50-15:15** **Title: Patientor Ultrasound Imaging: Development and Early Validation**
Daniil Nikitichev, University College London, UK

Panel Discussion

Poster Presentations

- P-001** **Title: Purification and Characterization of Intracellular β -galactosidase Produced from *Kluyveromyces Marxianus* DIV13-247**
Khaled Boudjema, Universite de M Hamed Bougara, Algeria
- P-002** **Title: Qualitative and Quantitative Determination of Limonene in Commercial Samples of Essential Oil Using Gas Chromatography**
Franko Burcul, University of Split, Croatia
- P-003** **Title: Synergistic Effect of Catechin with Stilbenes**
Danijela Skroza, University of Split, Croatia
- P-004** **Title: Isolation, Identification and Screening killer Activity from Soil Yeasts Against Food and Beverage Spoilage Strains**
F-Z K. Labbani, University of Freres Mentouri, Algeria
- P-005** **Title: Somatic Variations and Salt Stress Tolerance in Durum Wheat**
Zoheira Benabdelhafid, University of Freres Mentouri, Algeria
- P-006** **Title: Optimization of Immobilization of Amylopullulanase in Alginate Gel and its Comparative Biochemical Studies with Free Enzyme**
Dakhmouche Djekrif, ENS Assia Djebar, Algeria

- P-007** **Title: Structure – Function Relationship of Galactosidase from Arthrobacter sp. 32cB**
Maria Rutkiewicz, Lodz University of Technology, Poland
- P-008** **Title: Chemical Oriented Tagging of Membrane Proteins**
Chanoch Carmeli, Tel Aviv University, Israel
- P-009** **Title: Interacting of Fluorescent Probe ANS with Serum Albumins**
Grzegorz Bujacz, Lodz University of Technology, Poland
- P-010** **Title: Production of Intracellular L-asparaginase in High Cell Density from Bacillus Strains**
Carol N. Flores, Universidad Nacional Mayor De San Marcos, Saudi Arabia

Refreshments Break 16:00-16:15 @ Foyer

End of the Conference

Bookmark Your Dates

8th International Congress & Expo on

Biotechnology and Bioengineering

June 22-23, 2020 | Toronto, Canada

