

Tentative Program

ECBB
2020

Euro-Global Conference on

BIOTECHNOLOGY AND BIOENGINEERING

November 16-18, 2020 | Rome, Italy

THEME: ADDRESSING CURRENT CHALLENGES IN BIOTECHNOLOGY AND BIOENGINEERING

VENUE:
Holiday Inn Rome Aurelia
Via Aurelia, Km 8,400, 00163
Rome, Italy

🌐 <https://biotechnology-conferences.magnusgroup.org/>

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Keynote Sessions

keynote Speaker

Presentation Title

David I Smith
Mayo Clinic, USA

The DNA sequencing revolution: The short and the long of it

Robert S. Hodges
University Of Colorado, USA

Next generation of de novo designed amphipathic α -helical antimicrobial peptides to treat the gram-negative pathogen, *Acinetobacter baumannii*

Joseph I. Shapiro
Marshall University, USA

Central Role for adipocyte NaK-ATPase oxidant amplification loop in the pathogenesis of experimental uremic cardiomyopathy: A target for novel therapeutics

Sebastian Oltean
University of Exeter Medical School, UK

Modulation of alternative splicing as a novel therapeutic avenue in diabetic nephropathy

Jose M. Dominguez-Vera
Universidad De Granada, Spain

Probiotic cellulose: A new biomaterial for antibiotic-free therapy of bacterial infections

Subbu Venkatraman
Nanyang Technological University, Singapore

Bio-inspired solutions to medical problems

Keynote Slots are Available

Speaker**Presentation Title****Hector M. Alvarez**

INBIOP, University of Patagonia San Juan Bosco and CONICET, Argentina

Bioengineering single-cell oil production by oleaginous *Rhodococcus* spp. to enlarge their application spectrum

Amelie Polrot

Liverpool John Moores University, United Kingdom

Marine bioremediation of port sediment: Investigation of tributyltin degradation using active nautical depth

Carla C.C.R. de Carvalho

Universidade de Lisboa, Portugal

Using *Rhodococcus* adaptive mechanisms to improve bioprocesses

Dov Lichtenberg

Tel Aviv University, Israel

Interrelations between the steady state plasma concentrations of oxidative stress biomarkers and low molecular weight antioxidants

Nedeljka Rosic

Southern Cross University, Australia

Mycosporine-like Amino Acids: Can we use MAAs for the production of organic personalized sunscreens?

Massimo Santoro

IRCCS Fondazione Don Carlo Gnocchi, Italy

Methylation-sensitive high resolution melting (MS-HRM): A sensitive and specific method for methylation assessment in human disease

Sheikh Imamul Hossain

University of Technology Sydney, Australia

Interaction of gold nanoparticles with lung surfactant: A coarse-grained molecular dynamics study

Siguna Mueller

University of Wyoming, Independent
Researcher, Austria

Towards a better comprehension of present and future cyberbiosecurity vulnerabilities fostered by an interdisciplinary security approach

Martina Cappelletti

University of Bologna, Italy

Rhodococcus spp. interactions with metals: Resistance mechanisms and bioconversion into metal-based nanomaterials

Yan Zhang

Shanghai Jiao Tong University, China

The immunogenicity and anti-tumor efficacy of a rationally designed neoantigen vaccine for B16F10 mouse melanoma

Yonca Yuzugullu Karakus

Kocaeli University, Turkey

New discoveries on monofunctional catalases

Jehad Zweiri

University of Liverpool, United Kingdom

The generation of anti-tumour bystander killing by genetically engineered ovarian tumour cells and the influence of γ -irradiation: Implications for clinical use as Cancer Vaccines

Nawal Mohamed Farrag

Zagazig University, Egypt

Uses of Pharmaceutical Biotechnology

Mohamed Hesham Hassan
University of Manchester, United Kingdom

4D Printing of a biomimetic leaf sensor

Wael A. Ismail El Moslimany
Arabian Gulf University, Bahrain

Biocatalytic desulfurization of diesel with a mixed bacterial culture

Mohammed Serghini
Ibn Zohr University, Morocco

Improvement of saffron 'Crocus sativus L.' by plant biotechnologies

Oral Slots are Available

Poster Presentations

Poster Presenter

Presentation Title

Martina Cappelletti
University of Bologna, Italy

Microbial diversity in bioelectrochemical systems (BES) used to address bioremediation of soils contaminated by halogenated aromatic compounds

Lilain Ji
Suzhou University of Science and Technology, China

In silico designing and molecular cloning of flavanone-3-hydroxylase gene from *Arabidopsis thaliana*

Melyssa Oliveira Gomes

Federal University of Amazonas, Brazil

Cloning and expression of Tambaqui recombinant growth hormone (Colossoma macropomum) in *Bacillus subtilis*

Magdah A. Ganash

King Abdulaziz University, Saudi Arabia

Cytogenetic Toxicity of juniperus procera extract with silver nanoparticles against carcinoma colon (Caco2) cell line in vitro

Tarek Mohamed Kamal Motawi

Cairo University, Egypt

Potential serum biomarkers for early detection of diabetic nephropathy

Sunil L

CSIR-Central Food Technological Research Institute, India

In silico designing and molecular cloning of flavanone-3-hydroxylase gene from *Arabidopsis thaliana*

Poster Slots are Available

Note: Final program will be updated one month prior to the meeting

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We wish to see you in Rome!!