

# 24<sup>th</sup> European Biotechnology Congress

September 23-24, 2020  
Berlin, Germany



SCIENTIFIC PROGRAM

Wednesday 23<sup>rd</sup> September08:30-09:00 **Registrations**09:00-09:30 **Introduction****09:30-09:50 COFFEE BREAK**09:50-11:50  
Meeting Hall 01 **KEYNOTE LECTURES**

	MEETING HALL 01	MEETING HALL 02
11:50-13:10	<b>Talks On:</b>	
	Biotechnology	Pharmaceutical Biotechnology and Drug Design
	Microbial Biotechnology	Stem Cell Biotechnology and Regenerative Medicine
	Genetics and Molecular biotechnology	Nano Biotechnology

**13:10-13:15 GROUP PHOTO****13:15-14:00 LUNCH BREAK**

	MEETING HALL 01	MEETING HALL 02
14:00-16:00	<b>Talks On:</b>	<b>Talks On:</b>
	Biomedical Engineering & Applications	Food and Feed Biotechnology
	Agriculture Biotechnology	Medical Biotechnology
	Biomaterials	Oncolytic Biotechnology

**16:00-16:20 COFFEE BREAK**

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers in Biotechnology	Workshop

Thursday 24<sup>th</sup> September09:00-10:30  
Meeting Hall 01

## KEYNOTE LECTURES

## 10:30-10:50 COFFEE BREAK

	MEETING HALL 01	MEETING HALL 02
10:50-12:50	<b>Talks On:</b> Enzyme and Protein Engineering Plant and Forest Biotechnology Bioprocess and Fermentation Technology	<b>Talks On:</b> Environmental Biotechnology Industrial and Manufacturing Biotechnology Bioinformatics & Computational Biology

## 12:50-13:35 LUNCH BREAK

	MEETING HALL 01	MEETING HALL 02
13:35-15:55	<b>Talks On:</b> Biotechnology Applications Marine Biotechnology Animal Biotechnology	<b>Talks On:</b> Bio-Safety and Bioethics Biotechnology in Dentistry Bioremediation and Biodegradation

## 15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)

MEETING HALL 01 (17:00-18:00)

Poster Presentations

Workshop

Awards &amp; Closing Ceremony

# PAST AFFILIATES

**Yuanpeng Janet Huang**

*Rutgers University, USA*

**Sevgi Gezici**

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*Northwestern University, USA*

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**Alastair Waugh**

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**Mohamed Gamal El-Beltagy**

*Mansoura University, Egypt*

**Michaela Hajkova**

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*Instituto Politécnico Nacional, México*

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*Academia Sinica, Taiwan*

**Raili Koivuniemi**

*University of Helsinki, Finland*

**Aditya Borakati**

*University of Hull, UK*

**Ping Zhou**

*Peking University, China*

**Guillermo Estivill Torrus**

*Biomedical Research Institute of Malaga, Spain*



# GLIMPSES OF EURO BIOTECHNOLOGY CONFERENCES





# Germany Attractions



Berlin's  
Brandenburg Gate



# Scientific Program

## **23<sup>rd</sup> European Biotechnology Congress**

**October 21-22, 2019 | Zurich, Switzerland**

**UK: Conference Series LLC Ltd**  
47 Churchfield Road, London, W3 6AY  
Toll Free: +0-800-014-8923

# DAY-1

October 21, 2019

Meeting Hall: **London-II**

Registrations

## Opening Ceremony

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### KEYNOTE FORUM

Introduction

**Title:** Metagenomic analysis in a bio-purification system used to pesticides degradation  
**M Cristina Diez**, University of La Frontera, Chile

**Title:** Solid waste management through generation of green energy and organic fertilizer  
**Veeravilli Suryanarayana**, Aditya College of Engineering and Technology, India

**Group Photo, Networking & Refreshments 10:50-11:20 @ Banquet Foyer**

### WORKSHOP

**Title:** Endophytic bacterial L-asparaganease from *Simaroubagluaca* and study of its anticancer effect  
**P. C. Madhu**, MET'S School of Engineering, India

### POSTER PRESENTATIONS 12:20-13:00 @ FOYER

**Lunch Break @ Banquet Foyer**

**Sessions:** Biotechnology | Enzyme and Protein Engineering | Biomedical Engineering & Applications  
Environmental Biotechnology | Pharmaceutical Biotechnology and Drug Design | Genetics and Molecular  
biotechnology | Nano Biotechnology | Biotechnology Applications

**Chair:** Veeravilli Suryanarayana, Aditya College of Engineering and Technology, India

### INTRODUCTION

**Title:** B-glucosidases from *penicillium* and *Aspergillus* expression, purification and catalytic properties  
**Ivan N Zorov**, Federal Research Center of Biotechnology- RAS, Russia



**Title:** Towards engineering magneto-receptive *E. coli*

Rupali Reddy Pasula, Nanyang Technological University, Singapore

**Title:** Incorporation of an azurin from *Pseudomonas fluorescens* 198 coupled to CuInS<sub>2</sub> quantum dots as photosensitizer in Gratzel cells

Carolina Paz Quezada, Universidad Andrés Bello, Chile

**Title:** A novel versatile antibody-drug conjugate for cancer therapy

Chuan-Lung Hsu, Development Center for Biotechnology, Taiwan

**Networking & Refreshments 16:00-16:20 @ Banquet Foyer**

**Title:** Biodegradation of cotton stalks for protein-rich feed production by co-cultivation of *Pleurotus ostreatus* and *Azospirillum brasilense* grown on solid state fermentation

Bahaa T. Shawky, National Research Centre, Egypt

**Title:** miRNC DH- microRNA-516-3p, a novel circulating miRNA differentially expressed in HCV and HCV related HCC Egyptian patients

Samar Samir Youssef, National Research Centre, Egypt

**Title:** New approach for production of volatile and acephenanthrylene constituents using biotic and abiotic elicitors in cell cultures of *Pimpinella anisum* L.

Nermeen M Arafa, National Research Centre, Egypt

## Panel Discussion

# DAY-2

**October 22, 2019**

**Networking & Lunch Break @ Banquet Foyer**

## Awards & Closing Ceremony

**Bookmark your Dates**

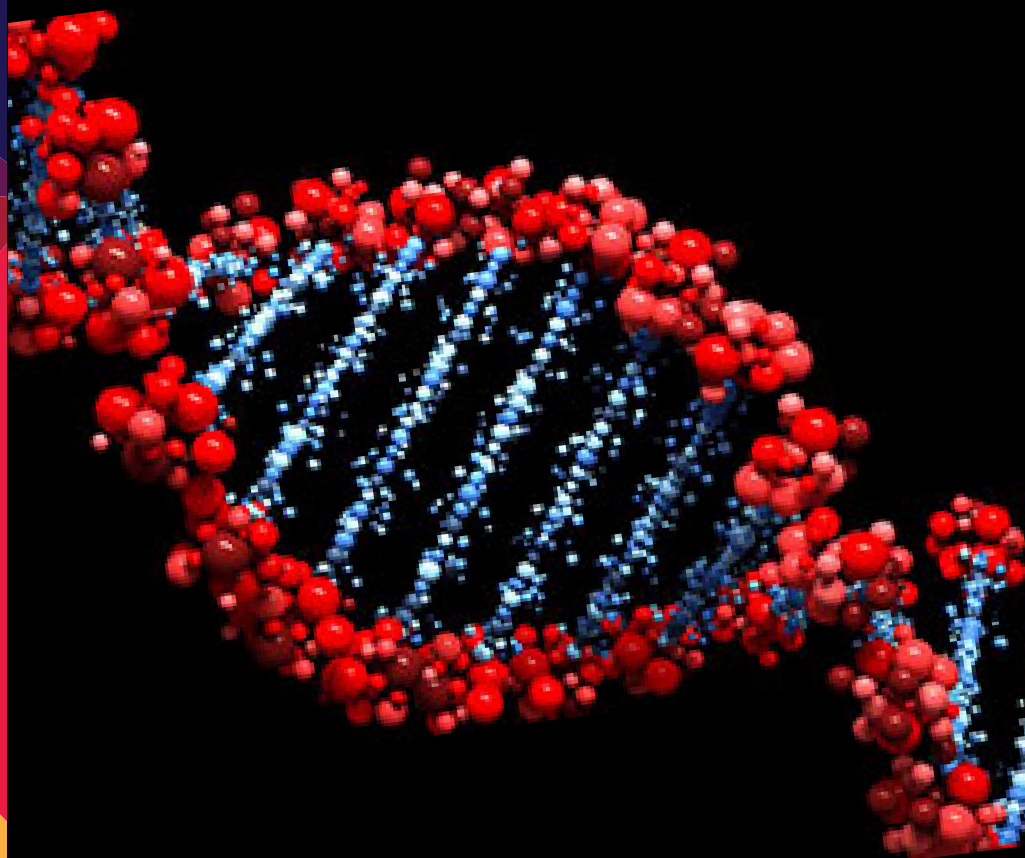
**24<sup>th</sup> European Biotechnology Congress**

**September 23-24, 2020 | Berlin, Germany**

E: [eurobiotechnology@brainstormingmeetings.com](mailto:eurobiotechnology@brainstormingmeetings.com)

Website: [biotechnologycongress.com/europe/](http://biotechnologycongress.com/europe/)

# Scientific Program



## 21<sup>st</sup> European Biotechnology Congress

October 11-12, 2018 | Moscow, Russia

UK: Conference Series LLC Ltd  
47 Churchfield Road, London, W3 6AY  
Toll Free: +0-800-014-8923

# DAY-1

October 11, 2018

Meeting Hall: **Winter garden**

Registrations

## Opening Ceremony

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### KEYNOTE FORUM

**Title:** Next Step in drug delivery: Getting Inside cells and to individual organelles  
Vladimir P Torchilin, Northeastern University, USA

### GROUP PHOTO

**Networking & Refreshments @ Foyer**

**Title:** Personalized and Precision Medicine (PPM) as a model of healthcare services of the newest generation to be promoted via translational applications and biodesign resources  
Sergey Suchkov, I M Sechenov First Moscow State Medical University, Russia

**Title:** Stopping biological time: Science and art of biostabilization  
Igor I Katkov, Belgorod National State Research University, Russian Federation

**Sessions:** Environmental Biotechnology | Bioprocess and Fermentation Technology | Agriculture Biotechnology  
Molecular Biotechnology and Genetics | Pharmaceutical Biotechnology and Drug Design

**Chair:** Igor Katkov, Belgorod National State Research University, Russian Federation

**Co-Chair:** Farouk El-Baz, National Research Centre, Egypt

### INTRODUCTION

**Title:** Growing *scenedesmus obliquus* microalgae in photobioreactor for biomass and biodiesel production  
Farouk El-Baz, National Research Centre, Egypt

**Title:** Production of antibody fragments with plasmid-based and genome integrated T7 E. coli expression systems: Evaluation of systems performance in microtiter fed-batch like cultivations  
Monika Cserjan, University of Natural Resources and Life Sciences, Austria

**Title:** A new direction for viral infections management  
Petrova Natalia Vladimirovna, Institute of General Pathology and Pathophysiology, Russia

**Lunch Break @ Rasputin**

**Title:** *Triticum monococcum* based genes as a source of salt tolerance in Turkish wheat genotypes  
Erdogan Esref Hakki, University of Selcuk, Turkey



**Title:** Physiological responses of nitric oxide applications on diverse crops grown under abiotic stress conditions

**Mehmet Hamurcu**, University of Selcuk, Turkey

**Title:** Hyper-production and stability of human serum albumin in *Pichia pastoris* through a combination of medium design and genetic strategies

**Saroj Mishra**, Indian Institute of Technology Delhi, India

**Title:** Exogenous application of dsRNA for fruit developmental improvement

**Christopher Alexis Cedillo-Jimenez**, Autonomous University of Queretaro, Mexico

**Networking & Refreshments @ Foyer**

**Title:** Standardization of products of biotechnological sericulture by parthenocloning and cryobanking of transgenic clonal silkworms

**Valeriya Zabelina**, National Agriculture and Food Research Organization, Japan

**Title:** Single dose acute toxicology in preclinical trial: The basic step in drug discovery and development

**Yilkal Belay**, Makerere University, Uganda

## Panel Discussion

# DAY-2

**Day 2 October 12, 2018**

**Meeting Hall: Winter garden**

## KEYNOTE FORUM

**Title:** Antibodies with functionality as a new generation of translational tools to monitor, to predict and to prevent demyelination

**Sergey Suchkov**, I M Sechenov First Moscow State Medical University, Russia

**Networking & Refreshments @ Foyer**

**Title:** KrioBlast™-3 - a three module system for efficient cryopreservation of unfreezable cells

**Igor I Katkov**, Belgorod National State Research University, Russian Federation

**Sessions:** Oncolytic Biotechnology| Molecular Biotechnology and Genetics| Microbial Biotechnology

**Chair:** Sergey Suchkov, I M Sechenov First Moscow State Medical University, Russia

## INTRODUCTION

**Title:** Research on the testing of products with biostimulatory effect based on amino acid with potential in the treatment of rape seed

**Mihai Gidea**, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

**Title:** Elevated expression of cytosolic phospholipase A2 delta is associated with hepatocellular carcinoma progression: Animal study validated with sera of liver cancer patients  
Maryam Ranjpour Aghmiouni, Jamia Hamdard University, India

**Title:** Single nucleotide polymorphisms and haplotype analyses in tilapia fish inferred from mtDNA D-loop and Cyt-b regions  
Ekei Ikpeme, University of Calabar, Nigeria

**Title:** BACTEC MGIT 960 system and Classic Lowenstein-Jensen culture in the diagnosis and drug susceptibility of *Mycobacterium tuberculosis* from pulmonary specimens, at the Pasteur Institut of Algeria  
Ferhat Djoudi, Abderrahmane Mira University of Bejaia, Algeria

Lunch Break @ Rasputin

## POSTER PRESENTATION @FOYER

- PS 1** **Title:** Xeropreservation (drying without freezing) as the viable alternative to lyophilization (freeze-drying)  
Igor I Katkov, Belgorod National State Research University, Russian Federation
- PS 2** **Title:** Novel *Bacillus* sp. isolates producing 2,3-butanediol have the potential to degrade lignocellulose  
Kaloyan K Petrov, Institute of Microbiology - BAS, Bulgaria
- PS 3** **Title:** *De novo* whole genome sequencing of 2,3-butanediol producing *Bacillus* sp. strain 5RB  
Penka M Petrova, Institute of Microbiology, BAS, Bulgaria
- PS 4** **Title:** Production strategies of thyroid peroxidase from *Branchiostoma belcheri* in *Escherichia coli*  
Monika Chovanova, Comenius University in Bratislava, Slovakia
- PS 5** **Title:** Luciferase of the syllid polychaete *Odontosyllis undecimdonga*  
Ekaterina S Shakhova, Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russia
- PS 6** **Title:** Thermostable catalase as an excellent supplement for growth media of industrially important lactic acid bacteria strains  
Eva Struharnanska, Comenius University in Bratislava, Slovakia
- PS 7** **Title:** Herbicide absorption and translocation in plants and soil using radioisotopes  
Lydia Bondareva, F.F. Erismann Federal Scientific Centre of Hygiene, Russia
- PS 8** **Title:** Synthesis and physicochemical characterization of hydroxyapatite HAP nanoparticles  
Djalila Boudemagh, Ferhat Abbas University, Algeria
- PS 9** **Title:** Research on the use of amino acid products in the treatment of sunflower crops  
Mihai Gidea, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania

## Awards & Closing Ceremony