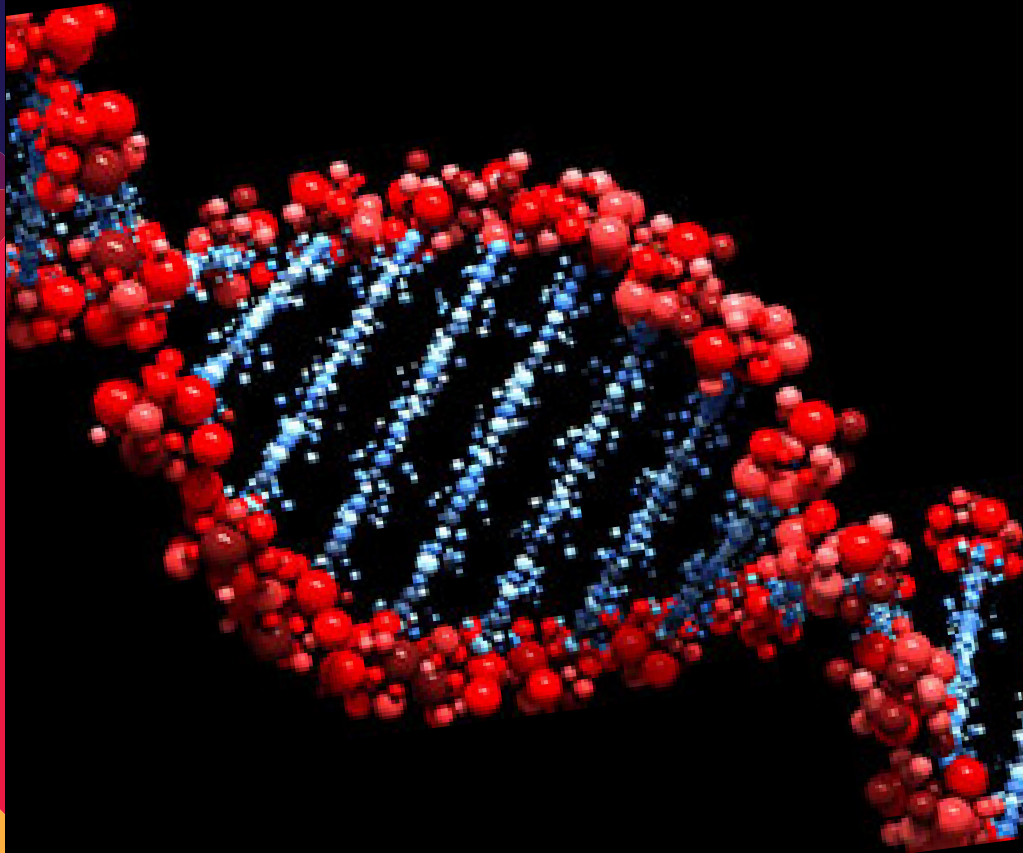


# Scientific Program



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

October 11-12, 2018 | Moscow, Russia

UK: Conference Series LLC Ltd  
47 Churchfield Road, London, W3 6AY  
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# DAY-1

October 11, 2018

Meeting Hall: **Winter garden**

09:00-09:30 Registrations

*Opening Ceremony* ..... **09:30-10:00**

## KEYNOTE FORUM

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10:00-10:40 **Title: Next Step in drug delivery: Getting Inside cells and to individual organelles**  
Vladimir P Torchilin, Northeastern University, USA

## GROUP PHOTO

**Networking & Refreshments 10:40-11:00 @ Foyer**

11:00-11:40 **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

11:40-12:20 **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

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12:20-12:40 **Title: Growing scenedesmus obliquus microalgae in photobioreactor for biomass and biodiesel production**  
Farouk El-Baz, National Research Centre, Egypt

12:40-13:00 **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

13:00-13:20 **Title: A new direction for viral infections management**  
Petrova Natalia Vladimirovna, Institute of General Pathology and Pathophysiology, Russia

**Lunch Break 13:20-14:20 @ Rasputin**

14:20-14:40 **Title: Triticum monococcum based genes as a source of salt tolerance in Turkish wheat genotypes**  
Erdogan Esref Hakki, University of Selcuk, Turkey

**14:40-15:00** **Title: Physiological responses of nitric oxide applications on diverse crops grown under abiotic stress conditions**

Mehmet Hamurcu, University of Selcuk, Turkey

**15:00-15:20** **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

**15:20-15:40** **Title: Exogenous application of dsRNA for fruit developmental improvement**

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

**Networking & Refreshments 15:40-16:00 @ Foyer**

**16:00-16:20** **Title: Standardization of products of biotechnological sericulture by parthenocloning and cryobanking of transgenic clonal silkworms**

Valeriya Zabelina, National Agriculture and Food Research Organization, Japan

**16:20-16:40** **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

**10:00-10:40** **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 10:40-11:00 @ Foyer**

**11:00-11:40** **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

**11:40-12:00** **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

12:00-12:20 **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

12:20-12:40 **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

12:40-13:00 **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 13:00-14:00 @ Rasputin

## POSTER PRESENTATION @FOYER 14:00-14:40

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 undecimdonta*  
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. Erisman 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