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Tentative Program

3rd International Conference on

Systems and Synthetic Biology

Munich, Germany

July 20-21, 2017

In Association with

EXPLORA BIOTECH pioneering nature

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TECAN

Theme: "Meeting the Needs of a Changing World"

Tentative Program

3rd International Conference on

Systems and Synthetic Biology

July 20-21, 2017 Munich, Germany

Keynote Forum

Title: Tumor cell radiosensitization – ion beams and metal nanoparticles

Martin Falk, Institute of Biophysics of the Czech Academy of Sciences ,Czech Republic

Title: Empowering computer-assisted biological design by using in vivo characterized Standard Biological Parts

Davide De Lucrezia, CEO of Explora Biotech Srl, Italy

Title: Design of synthetic epigenetic circuits exhibiting positive feedback, memory effects and reversible switching

Albert Jeltsch, University of Stuttgart, Germany

Title: Quantum Characteristics of Self-Assembled Neurotransmitter Acetylcholine Molecular Arrays Might Predict Quantum Effects in Neural Networks

Arvydas Tamulis, Vilnius University Institute of Theoretical Physics and Astronomy, Lithuania

Title: Mechanosensitive signalling pathways detection during TCFA formation

Rob Krams, Chair in Molecular Bioengineering Co-director BHF-Centre of Excellence Imperial College London, UK

Keynote Speaker Slot Available

Keynote Speaker Slot Available

Renowned Speakers

Title: a novel high glucose throughput chassis especially designed for typical production conditions in large scale based on comprehensive systems biology studies

Ralf Takors, University of Stuttgart, Germany

Title: A Robust PCA Algorithm for Metagenomic Biomarker Detection

Erchin Serpedin ,Texas A&M University, USA

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Title: Biosecurity and how export controls impact the life sciences

Betty Lee, , Office of Non-Proliferation and Treaty Compliance, USA

Title: Exploring unique compounds from lignin degradation using Mutated Dyp-type peroxidase enzymes

Sharon Mendel Williams,Coventry University, UK

Title: Becoming a Synthetic Biology entrepreneur

Dr John B. Carrigan,Chief Scientist in Rebel Bio, Ireland

Title: Modularization strategies in metabolic engineering Serratia marcescens for N-acetylneuraminic acid production

Qiang Yan ,Virginia Commonwealth University, USA

Title: Relationship between chromatin structure and chromosomal rearrangements in myelodysplastic syndromes

Iva Falková, Institute of Biophysics of the Czech Academy of Sciences ,Czech Republic

Title: Using promoter architecture to guide engineering the strongest known fatty acid inducible hybrid promoter in Yarrowia lipolytica

Murtaza Shabbir Hussain, University of California,USA

Title: Dynamic Modeling of RAS-MAPK Signaling Pathway: Sensitivity, Bistability, and Oscillations

Yaman Arkun, Koc University, Turkey

Title: Comprehensive Examination of Intracellular Metabolite of Pseudomonas Taiwanensis VLB120 using Liquid Chromatographic Techniques Coupled with Mass Spectrometer Detection

Gossa Garedew Wordofa,Technical University of Denmark, Denmark

Title: To Improve Styrene Tolerance in E. coli BL21 by expressing SrpABC efflux pump from Pseudomonas putida S12

Hana'a Muheisen, University of Nottingham, UK

Title: Of plants and plant cell cultures: from production platforms to high throughput screening tools

Luisa Bortesi, RWTH-Aachen University, Germany

Title: Developing a Continuous Time Markov Chain to Simulate the Effectiveness of an Intracellular Therapeutic Against Alzheimer's Disease (AD)

Sahil Doshi, Upper St. Clair High School, USA

Title: Microbiome contribution and metabolite intervention in post-dieting weight regain

Lenka Dohnalová, Weizmann Institute of Science, Israel

Title: Quantum Entangled Spintronics Processes in Systems of Neurotransmitter molecules: towards a quantum spintronics processes in brain and nano medicine

Arvydas Tamulis, Vilnius University Institute of Theoretical Physics and Astronomy, Lithuania

Title: Insights into the combinatorial biosynthesis and tailoring of fungal polyketides

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Yuquan Xu Chinese Academy of Agricultural Sciences, China

Title: Three-Dimensional Coculture Model to Analyze the Cross Talk Between Endothelial and Smooth Muscle Cells

Minu Karthika Ganesan, Medical University of Vienna, Austria

Speaker Opportunity Available

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Title: Characterizing the Roles of APC2 in Ovarian Homeostasis and Tumourigenesis

Noha Mohammed ,Cardiff University, UK

Title: Associated kinase proteins and ionic liquids for biosensor design

Mostefa BELARBI ,University of Tiaret, Algeria

Title: Toward Production of Living DNA Nanostructures in Bacteria

Johann Elbaz, Tel Aviv University, Israel

Title: Expression profiling of inflammation-related genes in type-II diabetic individuals

M. Kamran Azim, University of Karachi, Pakistan

Title: Investigation of Cisplatin-, Lead Acetate- and Cyclosporine-induced Nephrotoxicity by Systems Biology Approaches

Mansour Poorebrahim ,Tehran University of Medical Sciences ,Iran

Title: Quantum Entanglement Communications in Photoactive Synthetic Bio-Systems and in Neuron Synapses and Neural Networks

Arvydas Tamulis, Vilnius University Institute of Theoretical Physics and Astronomy, Lithuania

Title:Increased luteolin and myricetin biosynthesis in the suspension culture of Scrophularia striata Boiss. By chitosan

Maryam Kamalipourazad, Tarbiat Modares University, Iran

Title: Noise Tolerance Analysis for Reliable Analog Computation in Living Cells

Ramez Daniel, Tel-Aviv University , Israel

Title: Evaluation and detection of recombinant MMP-9 using SPR technique by immobilized antibody on sensor chip

Sara Mohseni, University School of Biological Science, Iran

Title: Expression Profile of Cancer Stem Cell Markers in Glioblastoma Derived CD133 + and CD133- Cells

Sara Mohseni, University School of Biological Science, Iran

Title: Enhanced and Cell Selective Drug Delivery of Gold Nanoparticles Functionalized with Cell Penetrating Peptide Derived from Maurocalcine Animal Toxin

Sedigheh khamehchian, University School of Biological Science, Iran

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Title: Spectroscopic Studies of Fluorescence Effects in Bioactive 4-(5-Heptyl-1, 3, 4-Thiadiazol-2-yl) Benzene-1,3-Diol and 4-(5-Methyl-1,3,4-Thiadiazol-2-yl)Benzene-1,3-Diol Molecules Induced by pH Changes in Aqueous Solutions

Arkadiusz Matwijczuk, University of Life Sciences in Lublin,Poland

Title:A preliminary pharmacological study on hypoglycemic and anlagesic effects of Momordica charantia L. (fruits, boiled and non-boiled) methanol extract in Swiss Albino mice

Zahid Hasan Khan , University Of Development Alternatives, Bangladesh

Speaker Opportunity Available

Speaker Opportunity Available

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

Poster presentation Slots Available

Guidelines
1. Each speaker presentation duration is 25 minutes and there will be 5 minutes discussion with the session chair and speakers
2. Certification will be provided by the organizing committee
3. Speakers are required to submit their PPT's at least 1 week before the conference.
4. All the abstracts will be published (with DOI) after the conference, as a special issues in the main Journal.
5. Poster session will be allocated with 1 hour and Best Poster Award will be announced on Day 2
Note: **Please note that this is a Preliminary Version of the Scientific Programme for the Synthetic Biology-2017 designed with the projected speakers names and titles. The final programme may still subject to change.
Avail Speaker Opportunity @ Synthetic Biology 2017
Send us your abstract and biography by July 17th, 2017
Send your proposals & details to confirm your participation
Email: syntheticbiology@conferenceseries.net

Tourist Attractions in Munich


Bild-schirmfoto


Deutsches museum


Linderh palace


Marienplatz


Marie Square


Munich Olympic Stadium


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Touropia

Theme: "Meeting the Needs of a Changing World"

Registrations

Academic

Only Registration: **USD 699**

Package A (Registration + 2 nights' Accommodation): **USD 1099**

Package B (Registration + 3 nights' Accommodation): **USD 1199**

Business

Only Registration: **USD 799**

Package A (Registration + 2 nights' Accommodation): **USD 1199**

Package B (Registration + 3 nights' Accommodation): **USD 1299**

Student

Student Delegate**: USD 349**

Student Poster: **USD 449**

Young Researchers Forum (YRF): **USD 599**

To register online, please visit:

http://syntheticbiology.conferenceseries.com/registration.php

Benefits:

Registration Includes:

- Access to all Sessions
- Handbook & Conference Kit
- Certificate Accreditation from the Organizing Committee
- Abstracts will be published in the conference souvenir and respective international journal
- Each registrant will get 50% abatement on manuscript publication fees
- Ask the Expert Forums (One to One Pre-Scheduled meeting on interest and availability)
- Access to the attendees email list (post conference)
- 10% abatement on the registration fees for the next annual conference
- 10% abatement on the OMICS International conferences membership
- 2 Coffee breaks (Refreshments and snacks) during the conference
- Lunch during the conference
- Wi-Fi

Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates

Young Scientist Award

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors



Glimpses of Previous Conference






