conferenceseries.com

Tentative Program

3rd International Conference on

Systems and Synthetic Biology

Munich, Germany

July 20-21, 2017

In Association with

EXPLORA BIOTECH pioneering nature

TaKaRa

Clontech TaKaRa cellartis

TECAN

Theme: "Meeting the Needs of a Changing World"

Tenatative 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

Tenatative Program

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: 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: Light induced ATP synthesis for synthetic biology applications

Christin Kleineberg, Max Planck Institute for Dynamics of Complex Technical Systems, Germany

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

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

Tenatative Program

Speaker Opportunity Available

Speaker Opportunity Available

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

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

Tenatative Program

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


shutterstock


Touropia

Theme: "Meeting the Needs of a Changing World"

© 2008 Alexander-GG

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






