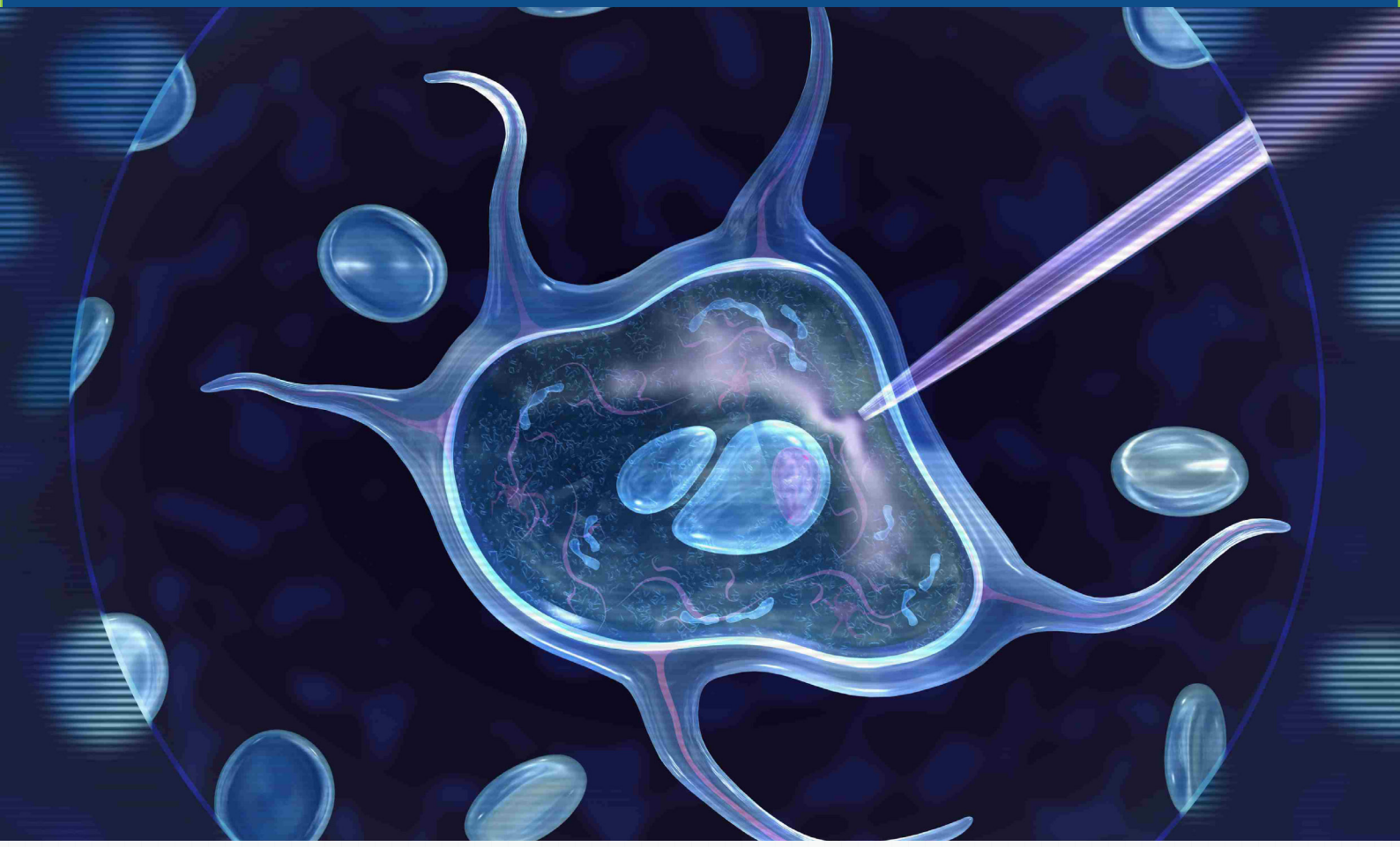
Tentative Program

4th International Conference on

Systems and Synthetic Biology

June 11-12, 2018 Rome, Italy



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops

Exhibitors | B2B Meetings

For available speaker slots

4th International Conference on

Systems and Synthetic Biology

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Program at a Glance

Day 1 May 21, 2018

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
	11.00-12.40	5 Speakers (20 Mins Each)	
Evening Sessions			
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for **Day 1**

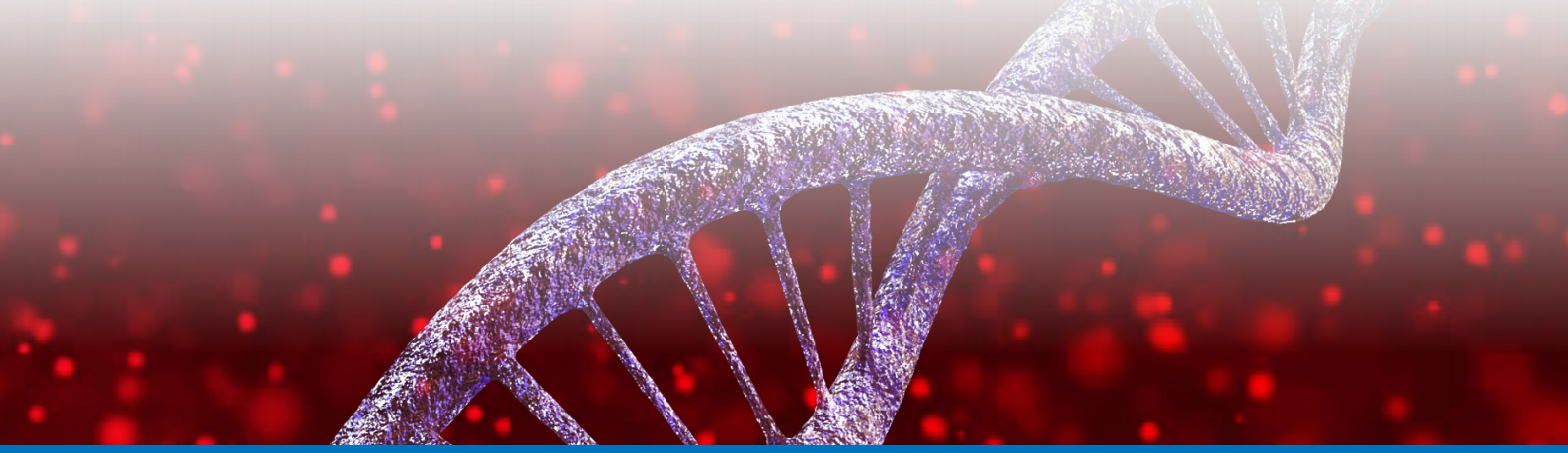
Day 2 May 22, 2018

Morning Sessions	Time	Session 1	Session 2
	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
Evening Sessions	**13.25-15.05**	**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**

40 Speakers on **Day 2**

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

For more Details PS: http://syntheticbiology.conferenceseries.com/
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Conference Highlights

- Systems and Synthetic Biology
- Systems Biology
- CRISPR-Cas9 Genome Editing
- Computational Systems Biology
- Cellular Systems Biology
- Mammalian Synthetic Biology
- Synthetic Genomics
- Synthetic Gene Networks
- Industrial Systems and Synthetic Biology
- Cancer Systems Biology
- Applications of Synthetic Biology
- Biology Engineering
- Plant Synthetic Biology
- Pharmaceutical Biology
- Structural and Molecular Biology
- Genetic Engineering and rDNA Technology
- Proteomics and Transcriptomics
- Next Generation Sequencing
- Bio-Sensors and Bio-Electronics
- Synthetic Chemistry

~~**For detailed sessions, please visit:** http://genomics.conferenceseries.com/~

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Glimpses of Synthetic Biology 2017

















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Day 1 July 20, 2017

Registrations

Forum 12

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Opening Ceremony

Keynote Forum

Introduction

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

Albert Jeltsch, University Stuttgart, Germany

Title: Tumor cell radiosensitization-ion beams and metal nanoparticles

Martin Falk, Institute of Biophysics of CAS, Czech Republic

Networking & Refreshment Break & Group Photo

Presentation on Takara Bio Europe

Title: Next-gen cloning and purification technologies to rapidly generate synthetic genes and proteins

Malathi Raman, Takara Bio Europe, France

Sessions: Cellular Systems Biology | Next Generation Sequencing | Plant Synthetic Biology | Synthetic Chemistry | Protein Engineering | Synthetic Genomics | Gene synthesis | Synthetic Gene Networks

Session Chair: Yaman Arkun, KOC University, Turkey

Title: Exploring unique compounds from lignin degradation using MnSOD and DyP-type peroxidase enzymes

Sharon Mendel Williams, Coventry University, UK

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

Iva Falková, Institute of Biophysics, Czech Republic

Lunch Break

Title: Dynamic modeling of RAS-MAPK signaling pathway: Sensitivity, bistability, and oscillations

Yaman Arkun, KOC University, Turkey

Title: Advanced work flow for efficient multiplexing synthesis of genes in high fidelity – Next generation of gene synthesis

Xiaolian Gao, University of Houston, USA

Special Session

Title: Becoming a synthetic biology entrepreneur

John B Carrigan, SOSV Limited, Ireland

Presentation on Explora Biotech Srl

Podium Presentation

Davide De Lucrezia, Explora Biotech Srl, Italy

Networking & Refreshment Break

Panel Discussion

Day 2 July 21, 2017

Forum 12

Keynote Forum

Title: Empowering computer-assisted biological design by using in vivo characterized standard biological parts

Davide De Lucrezia, Explora Biotech Srl, Italy

Sessions: Systems and Synthetic Biology | Systems Biology| Computational Systems Biology | Industrial Systems and Synthetic Biology| Metabolomics| Bio-Sensors and Bio-Electronics| Biology Engineering

Session Chair: Maria Antonietta Ragusa, University of Palermo, Italy

Title: Escherichia coli HGT – A novel high glucose throughput chassis especially designed for typical production conditions in large scale based on comprehensive systems biology studies

Ralf Takors, University Stuttgart, Germany

Networking & Refreshment Break 11:15-11:30 @ Foyer Ballsaal

Title: Biosecurity and how export controls impact the life sciences

Betty Lee, Non-Proliferation and Treaty Compliance, US Department of Commerce, USA

Title: A robust PCA algorithm for metagenomic biomarker detection

Erchin Serpedin, Texas A&M University, USA

Title: Metallothionein family in sea urchin: Genes and their expression during embryo development and following exposure to stressors

Maria A Ragusa, University of Palermo, Italy

Lunch Break

Presentation on Tecan Group Ltd

Title: Automation and Synthetic Biology simplifying complexity

Guido Cimoli, Tecan Group Ltd., Germany

Young Research Forum

Judge: Martin Falk, Institute of Biophysics of CAS, Czech Republic

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

Lenka Dohnalová, University of Chemical Technology, Czech Republic

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

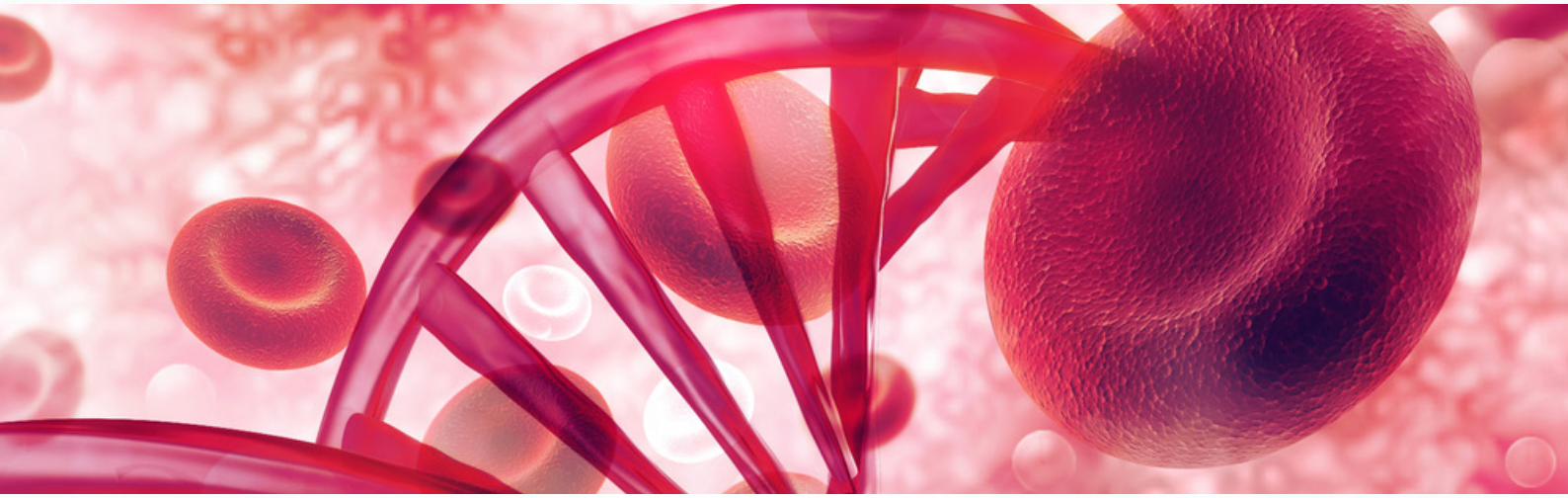
Qiang Yan, Virginia Commonwealth University, USA

Poster Presentations @ Meeting Halls

Networking & Refreshment Break

Panel Discussion

Closing Cermony



Bookmark your dates

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