EuroSciCon

Systems Biology

March 14-15 2019

Amsterdam, Netherlands



Systems Biology

https://systembiology.euroscicon.com/

Day 1, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Foundations of Systems Biology**	Talks On: **Biological Network**	Talks On: **Reverse Engineering of Biological Complexity**
	Talks On: **Human Systeome Project**	Talks On: **Structure and Dynamics of Cellular and Organismal Function**	Talks On: **Gene Network from Large-Scale Steady-State Gene Expression**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Biocomputing**	Panel Over: **Cellular Signaling**	Panel Over: **4D Microscopy**
	Workshop On: **Mathematical Models of Biological Signal Transduction Pathways**	Workshop On: **Computational Cell Biology — The Stochastic Approach**	Workshop On: **Cancer Associated Gene Expression Matrices**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Biphasic Response Regulation**	Talks On: **Computer Simulation of the Cell: Human Erythrocyte Model**	Talks On: **Protein Chip**
	Lectures on: **Kinetic Simulation**	Lectures on: **Isogenic mutant**	Lectures on: **Metabolic Network**
06:00 PM	Session On: **Cybernetics / Control and Communication in the Animal and the Machine**	Session On: **Virtual Biological Laboratory**	Session On: **Redundant Gene Regulatory Network**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 2, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **System Design**	Talks On: **Whole Genome Gene Knock-out**	Talks On: **Biochemical Kinetics**
	Talks On: **Systeome**	Talks On: **Complexity and Robustness of Cellular Systems**	Talks On: **Biochemical Kinetics**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Synthetic Gene Regulatory Systems**	Panel Over: **Cellular Architecture and Dynamics**	Panel Over: **Genetic Network Analyzer: GNA**
	Workshop On: **Gene Interaction Network Simulator: GINsim**	Workshop On: **Inferring Qualitative Relations in Genetic Networks and Metabolic Pathways**	Workshop On: **Metabolic Footprinting**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Discrete Dynamics Lab: DDLab**	Talks On: **Regulatory Interactions the Expression Pattern of The Segment Polarity Genes**	Talks On: **Dynamics of Synergetic Systems**
	Lectures on: **Development of Genetic Circuits**	Lectures on: **Heredity Cancer Syndrome**	Lectures on: **Superfamilies of Evolved and Designed Networks**
06:00 PM	Session On: **Systems Genomics**	Session On: **Systems Proteomics**	Session On: **Systems Transcriptomics**
	NETWORKING	**NETWORKING**	**NETWORKING**

Day 3, Agenda

General Session

08:00 AM — INTRODUCTION

09:00 AM — PLENARY

10:00 AM — KEYNOTE

Networking & Refreshments Break @ Foyer

	HALL 01	HALL 02	HALL 03
11:00 AM	Talks On: **Multilevel Modeling in Systems Biology**	Talks On: **Network Biology**	Talks On: **Emergence of Scaling in Random Networks**
	Talks On: **Enzyme Kinetics Networks**	Talks On: **Pulse-Generating Network**	Talks On: **Paracrine Signals**
	SESSION DISCUSSION	**SESSION DISCUSSION**	**SESSION DISCUSSION**
02:00 PM	Panel Over: **Systems Metabolomics**	Panel Over: **Systems Phenomics**	Panel Over: **Circadian clocks**
	Workshop On: **Genetic Regulatory Networks by Model Checking**	Workshop On: **Gene Networks by Autoregulation**	Workshop On: **Protein Translocation**
	Lunch Break @ Restaurant	***Lunch Break @ Restaurant***	***Lunch Break @ Restaurant***
04:00 PM	Talks On: **Fluctuations in repressor control**	Talks On: **Asynchronous Logical Approach**	Talks On: **Cell Division Inhibitors**
	Lectures on: **Noise in Eukaryotic Gene Expression**	Lectures on: **Genomics, Biogenesis, Mechanism, and Function**	Lectures on: **Feedback Amplifier Design**
06:00 PM	Session On: **Mitotic-Exit Control**	Session On: **Safety Assessment of Pharmaceutical Compounds Using an Integrated Systems Based Computer Model**	Session On: **NeuroElectro Dynamics**
	NETWORKING	**NETWORKING**	**NETWORKING**

City Attractions







