



SYMPOSIUM ON COMPLEX BIODYNAMICS & NETWORKS

December 10-12, 2018
Matrix @ Biopolis, Singapore

Systems Biology is an emerging field that combines multidisciplinary approaches to tackle the complexity of living systems responses and disease processes. The 3rd cBio Symposium will discuss and report recent innovative and cutting edge results in the field. The exciting event welcomes contributions from all fields of biology that emphasize cross disciplinary research.

The 3rd cBio Symposium brings together scientists with multidisciplinary interests in biology, from budding young scientists to well established leaders. It was founded at the Institute for Advanced Biosciences, Keio University in 2013. The participants of the event are encouraged to form deep scientific collaborations and friendships, not only across their diverse research fields, but also surpassing global borders.

SESSION TOPICS INCLUDE::

- Biological networks
- High-dimensional complexity
- Synthetic biology & artificial life
- Stem & cancer cell dynamics
- Systems immunology
- Metabolic engineering
- Biofilm
- or ANY other aspects of Complex Systems Biology from computational/theoretical to experimental works

Authors of selected papers will be invited to submit to a special issue of *Engineering Biology*, published by The Institution of Engineering and Technology www.ietdl.org/enb.



REGISTER TO ATTEND!

FEATURED SPEAKERS:

- Alexander Hoffmann
University of California, Los Angeles
- Hiroki Ueda
RIKEN Center for Biosystems Dynamics Research
- Subhra K. Biswas
*Singapore Immunology Network, Agency for Science, Technology and Research (A*STAR)*
- Richard Ian Kitney
Imperial College London
- Karl Kuchler
Medical University Vienna
- Nic D. Lindley
*Biotransformation Innovation Platform, Agency for Science, Technology and Research (A*STAR)*
- Nicholas Plachta
*Institute of Molecular and Cell Biology, Agency for Science, Technology and Research (A*STAR)*
- Giulia Rancati
*Institute of Medical Biology, Agency for Science, Technology and Research (A*STAR)*
- Michael White
University of Manchester
- Yosef Yarden
Weizmann Institute of Science

PROGRAMME COMMITTEE:

- Kumar Selvarajoo
*Biotransformation Innovation Platform, Agency for Science, Technology and Research (A*STAR), Chair*
- Mariko Okada
Osaka University, Co-Chair
- Réka Albert
Pennsylvania State University
- Mariano Bizzarri
Sapienza University of Rome
- Matthew Chang
National University of Singapore
- Sui Huang
Institute for Systems Biology
- Alessandro Giuliani
Istituto Superiore di Sanità
- Mads Kaern
University of Ottawa
- Ben MacArthur
University of Southampton
- Chuel Loo Poh
National University of Singapore
- Jeffrey Varner
Cornell University
- Limsoon Wong
National University of Singapore