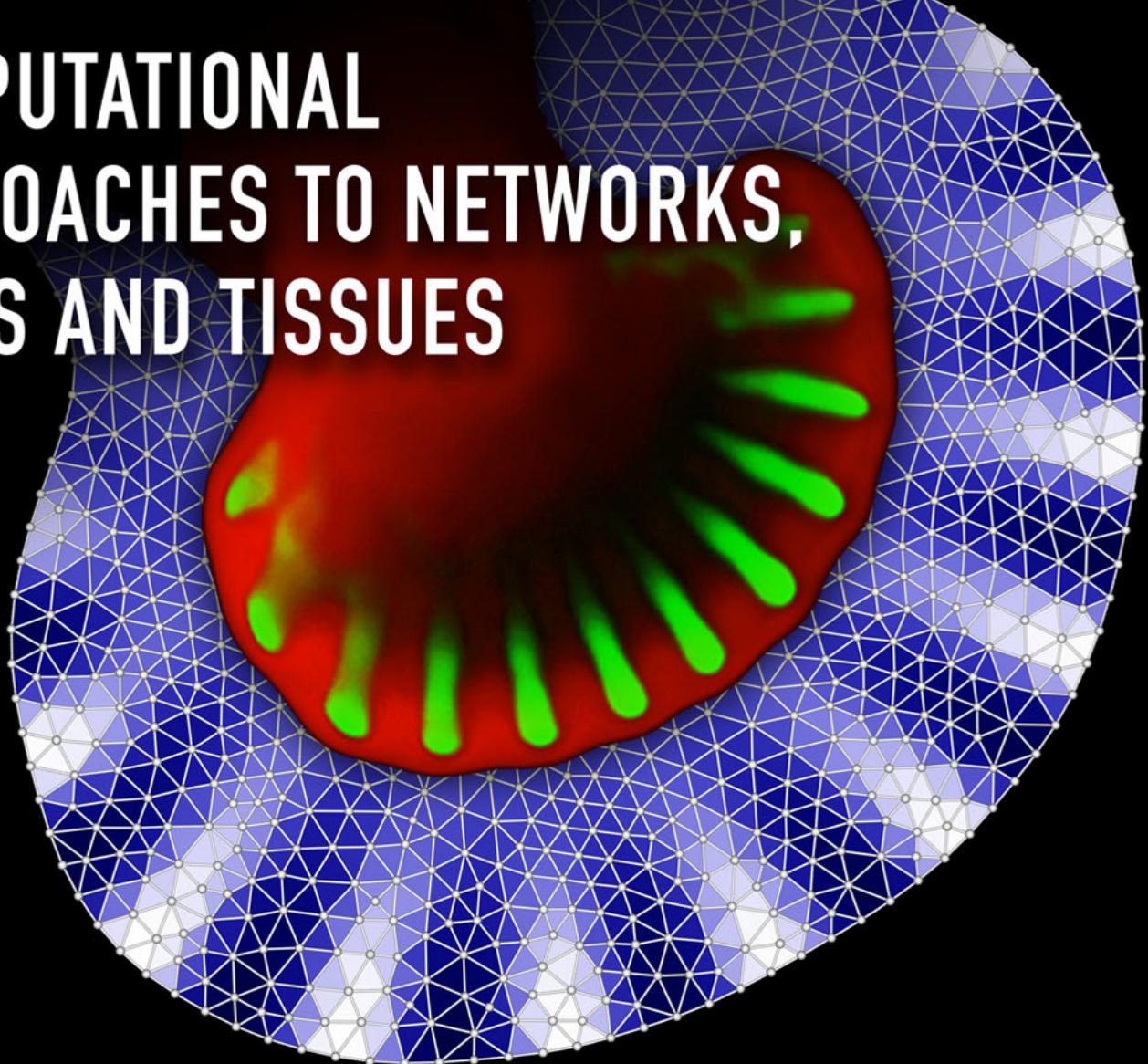# COMPUTATIONAL APPROACHES TO NETWORKS, CELLS AND TISSUES

$$f(u,v) = (f_u + k_{fu} \cdot Fgf)u + f_v v - u^3$$
$$g(u,v) = (g_u - k_{gu} \cdot k_{hox}Hox \cdot Fgf)u + g_v v$$

10–11 APRIL 2013
PRBB AUDITORIUM, BARCELONA

ORGANIZERS: **James Sharpe** (CRG) and **Hernán López-Schier** (Helmholtz Zentrum München)

SPEAKERS

Alexander AULEHLA
Developmental Biology, European Molecular Biology Laboratory (EMBL), Heidelberg DE

Javier BUCETA
Theoretical and In Silico Modeling of Biological Systems Group (The.Si.M.Bio.Sys.), Parc Científic de Barcelona, Barcelona ES

Rico COEN
John Innes Centre, Norwich Research Park, Norwich UK

Miki EBISUYA
Graduate School of Medicines, Kyoto University, Kyoto JP

Niels GRABE
Hamamatsu Tissue Imaging and Analysis (TIGA) Center, BIOQUANT, University Heidelberg, Heidelberg DE

Jeremy GREEN
Department of Craniofacial Development, King's College London, London UK

Veronica GRIENEISEN
Computational & Systems Biology, John Innes Centre, Norwich Research Park, Norwich UK

Shigeru KONDO
Graduate School of Frontier Biosciences, Osaka University, Osaka JP

Lucia MARUCCI
Gene Regulation, Stem Cells and Cancer Programme, Centre for Genomic Regulation (CRG), Barcelona ES

Juan Manuel PEDRAZA
Physics Department, University of the Andes, Bogotá CO

Stanislav SHVARTSMAN
The Department of Chemical and Biological Engineering, Princeton University, Princeton (NJ) US

Jerome SOLON
Cell and Developmental Biology Programme, Centre for Genomic Regulation (CRG), Barcelona ES

Fabian THEIS
Institute of Bioinformatics and Systems Biology, Helmholtz Zentrum München and Institute of Mathematical Sciences, Technische Universität München, Munich DE

Registration and poster presentation deadline:
15 March 2013, 15:00h
More info and registration:
www.crg.eu/computational_approaches_2013

Contact person:
Blanka Wysocka, CRG, tel: +34933160145, blanka.wysocka@crg.eu

ORGANIZED BY:

CRG Centre de Regulació Genòmica

SUPPORTED BY:

QuanTissue

EUROPEAN SCIENCE FOUNDATION