



LAKE COMO SCHOOL OF ADVANCED STUDIES

Systems Biology and Systems Medicine: Precision Biotechnology and Therapies

Lake Como, Italy, 21-27 September 2014

Despite omics' BIG DATA, molecular biology is not yet able to understand complex biological functions, cell factories, and multifactorial diseases (cancer, neurodegeneration). The School will explicate Systems Biology's experimental and computational approaches that together will enable the participant to begin to tackle the complex networks of life, hands-on. Computable representations of systems biology integration are about to unleash revolutions in fundamental biology, predictable biotechnology and individualized medicine.

Scientific Organization and lecturers

Lilia Alberghina
Univ. di Milano-Bicocca
SYSBIO centre, Italy

Hans V. Westerhoff
(VU) Univ. of Amsterdam
MCISB centre, Univ. of Manchester

Lecturers

Rudi Balling (Univ. of Luxembourg)
Matteo Barberis (Univ. of Amsterdam)
Mikael Benson (Univ. of Göteborg)
Sampsia Hautaniemi (Univ. of Helsinki)
Jonathan Karr (Mount Sinai, New York)
Richard Kitney (ISBE, Imperial Col. London)

Walter Kolch - (CASyM, UCD Dublin)
Jens Nielsen (Chalmers University)
Dina Petranovic (Chalmers University)
Damjana Rozman (Univ. of Ljubljana)
James Sharpe (CRG, Barcelona)
Marco Vanoni (Univ. of Milano-Bicocca)

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