

ESF Research Conference

Bacterial Networks 2010

Hotel Eden Roc, Sant Feliu de Guixols (Costa Brava) • Spain

4-9 September 2010

With support from



BacNet10 will cover the mechanisms and principles of information collection, integration and implementation in bacteria. In the past decades molecular studies have unveiled the metabolic and regulatory circuitry of bacterial cells in unprecedented detail. This provides an excellent opportunity to analyze the physiology of these organisms on a systems level using quantitative, model-driven approaches. The meeting will actively involve world-leading scientists from different areas of molecular microbiology, computational modeling, and systems biology and will include sessions on global regulation, networks and switches, network modeling and engineering, microbial cell biology, microbial development, stress response, and cell-cell communication. By bringing together cutting-edge research from related but often non-intersecting fields, the meeting will strive for cross-fertilization of different ideas and concepts of modern-day microbiology. Young scientists are encouraged to apply for a meeting and travel grant upon registration.



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Chair: Urs Jenal, University of Basel, CH

Vice-Chair: Regine Hengge, Freie Universität Berlin, DE

Invited Speakers will include

Siv Andersson - U. Uppsala, SE
Judy Armitage - U. Oxford, UK
Dirk Bumann - U. Basel, CH
Stephen Busby - U. Birmingham, UK
Mark Buttner - John Innes Centre, UK
Marie A. Elliot - McMaster U., CA
Jeff Errington - U. Newcastle, UK
Susan S. Golden - UCSD, US
Peter Greenberg - U. Washington, US
Carol Gross - UC San Francisco, US
Jeff Hasty - UCSD, US
Regine Hengge - FU Berlin, DE
Tina Henkin - Ohio State U., US
Martin Howard - U. Norwich, UK
Christine Jacobs-Wagner - Yale U., US
Michael T. Laub - MIT, Boston, US
Stanislas Leibler - Rockefeller U., US

Richard Losick - Harvard U., US
Tam Mignot - CNRS, FR
Keiichi Namba - Osaka U., JP
Sven Panke - ETHZ, CH
Ned Ruby - U. Wisconsin, Madison, US
David Rudner - Harvard U., US
Dirk Schüler - LMU München, DE
Louis Serrano - EMBL/CRG Systems Biology Research, Barcelona, ES
Thomas Silhavy - Princeton U., US
Victor Sourjik - U. Heidelberg, DE
Vanessa Sperandio - UTSW Dallas, US
Gisela Storz - NIH / NICHD, US
Peter Swain - U. Edinburgh, UK
John van der Oost - Wageningen U., NL
Julia Vorholt - ETHZ, CH
Steve Winans - Cornell U., US

Application form & programme available from

www.esf.org/conferences/10335

Closing date for application 14 June 2010

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