

RESEARCH CONFERENCES

ESF-COST High-Level Research Conference

Natural Products Chemistry, Biology and Medicine III

Hotel Villa del Mare, Acquafredda di Maratea • Italy

5-10 September 2010

Chairs: **Jef K. De Brabander** - Texas Southwestern Medical Center U., Department of Biochemistry and Simmons Comprehensive Cancer Center, Dallas, US; **Dieter Schinzer** - University of Magdeburg, DE

Organising Committee: **Trond Vidar Hansen** - University of Oslo, NO; **Mathias Christmann** - Dortmund University of Technology, DE

The unique architectures and biological activities associated with many of nature's small molecules are pushing the frontiers in diverse areas inspired by natural products, hence the focus of this ESF-COST High-Level Research Conference. This year's outstanding group of speakers will address the latest developments related to the isolation of biologically active natural products, their role in the area of chemical biology and drug development, as well as the inspiration that they provide for the advancement of synthetic chemistry. Leaders in the field of novel methodology and reaction development will discuss progress in asymmetric catalysis, organocatalysis, C-H bond functionalisation, cascade reactions and applications in the context of natural product total synthesis and medicinally relevant small molecules. Other speakers will emphasise new aspects of isolation, total synthesis, chemical biology, and medicinal chemistry of biologically active natural products. Afternoon poster sessions will be an integral part of the conference, providing an ideal forum for unpublished work and exchange of ideas in an informal setting - a format which has been highly successful in the past years. All conferees are encouraged to submit abstracts; a number of papers will be selected for a short talk presentation.



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Invited Speakers will include:

Edward Anderson - Oxford U., UK

Giovanni Appendino - U. del Piemonte Orientale, IT

Bruno Botta - U. "La Sapienza", IT

Mathias Christmann
- TU Dortmund, DE

Janine Cossy - ESPCI, FR

Nicolai Cramer - ETH Zurich, CH

Timothy Donohoe - Oxford U., UK

P. Andrew Evans - Liverpool U., UK

Karl Hansen - Amgen, US

John MacMillan - UT Southwestern Medical Center, Dallas, US

Annemieke Madder - Ghent U., BE

Paolo Melchiorre - ICIQ, ES

Victor Snieckus - Queen's U., CA

Brian Stoltz - Caltech, US

Dirk Trauner - LMU München, DE

Helma Wennemers - Basel U., CH

John L. Wood - CSU., US

Jieping Zhu - ICSN-CNRS, FR

Application form & programme available from

www.esf.org/conferences/10344

Closing date for applications 6 June 2010

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