



# 28-29 APRIL 2014

## “MACROCYCLES – SYNTHESIS, MEDICINAL CHEMISTRY AND BIOLOGICAL ACTIVITY”

The Royal Society of Chemistry, Biological and Medicinal Chemistry Sector and the Croatian Chemical Society are holding a joint meeting on the 28th and 29th April 2014 on the topic of “Macrocycles – synthesis, medicinal chemistry and biological activity”.

There will be a limited opportunity for posters and short oral presentations. Please contact Andreja Simunic below for further information.

The meeting will be held in Zagreb, Croatia at the modern research site of Fidelta and PLIVA.

### Confirmed speakers include:

**Dr. Sanja Kostrun**, Fidelta Ltd

**Prof. dr. Ernest Mestrovic**, PLIVA - Teva

**Prof. dr. sc. Predrag Novak**, Faculty of Science, University of Zagreb

**Prof. dr. Karl-Heinz Altmann**, ETH Zürich, Institute of Pharmaceutical Sciences

**Prof. dr. John A. Robinson**, Institute of Organic Chemistry, University of Zurich

**Dr. Daryl Sauer**, AbbVie

**Prof. dr. Darren J. Dixon**, University of Organic Chemistry, Oxford

**Dr. Pierre Raboisson**, Janssen Pharmaceutica NV

**Dr. Ian Lewis**, Novartis Pharma AG

**Dr. Jérôme Guillemont**, Janssen Research & Development

**Dr. Fabrizio Giordanetto**, Taros Chemicals GmbH & Co. KG

Royal Society of  
Chemistry,  
Biological and  
Medicinal  
Chemistry  
Sector

Croatian  
Chemical  
Society

### Organizing Committee:

Dr. Dave Alker

Prof. dr. Vitomir Šunjić

Dr. Phil Dudfield

Dr. Vesna Gabelica  
Marković

Dr. Adrijana Vinter

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Under the sponsorship of the President of the Republic of Croatia,  
Dr. Ivo Josipović.

For further information, please contact: [andreja.simunic@glpg.com](mailto:andreja.simunic@glpg.com)  
<http://www.fidelta.eu/index.php/conferences/macrocycles/>

## Programme

### Day 1 - Monday 28th April

- 08:30 Registration
- 09:45 Welcome and introductory speeches
- 10:15 Drugs from the middle space: Synthetic macrocycles targeting Infectious Diseases  
Pierre Raboisson , Janssen Pharmaceutica NV
- 11:00 Macrocycles based on Protein Epitope Mimetics  
John A. Robinson, Institute of Organic Chemistry, University of Zurich
- 11:45 Design and exploration of macrolide inspired novel macrocycles  
Sanja Koštrun, Fidelta Ltd
- 12:30 Lunch and poster viewing
- 14:00 Material Science and Structure Property Relationships in Research and Development of Drug based on Macrocycles rings  
Ernest Meštrović, PLIVA -TEVA
- 14:45 NMR Methods in Unravelling Macrolide Antibiotics Interactions  
Predrag Novak, Faculty of Science, University of Zagreb
- 15:30 Refreshments
- 16:00 Total Synthesis of Antibacterial Natural Products and SAR Studies  
Karl-Heinz Altmann, ETH Zurich, Institute of Pharmaceutical Sciences
- 16:45 Metal-Rich and Metal-Free Catalyst Control in Complex Natural Product Synthesis  
Darren J. Dixon, University of Organic Chemistry, Oxford
- 19:00 Reception followed by conference dinner

### Day 2 - Tuesday 29th April

- 09:00 Bedaquiline, a first-in-class new treatment for drug resistant tuberculosis  
Jérôme Guillemont, Janssen Research & Development
- 09:45 SOM230: A new therapeutic modality for Cushing's disease  
Ian Lewis, Novartis Pharma AG
- 10:30 Lecture  
Daryl Sauer, AbbVie
- 11:15 Refreshments
- 11:30 Presentations by young academics (6 X 15min)
- 13:00 Lunch
- 13:45 Marketed and Clinical Macrocycles – Food for Thought  
Fabrizio Giordanetto, Taros Chemicals GmbH & Co. KG
- 14:30 Closing remarks

### Registration and fees

Registration is available at: <http://www.maggichurchousevents.co.uk/bmcs/>

Registration fees are below, and the fees include attendance at the conference dinner on Monday evening. Please note that the limit is 200 attendees.

£160 Delegate member\*

£240 Delegate non-member

£ 40 Student member\* +

£ 80 Student non-member +

\* Member is paid-up member of the RSC or HKD (Croatian Chemical Society).

+ Student is undergraduate or post-graduate student, not post-doc.