

Oral Programme

Tuesday, 27th June 2017

15:00-18:00 Conference registration and poster set-up for session | Aula area and Mirror corridor

18:00-19:00 Welcome reception | Aula area and Mirror corridor

18:00-19:30 Poster session 1 | Aula area and Mirror corridor

Wednesday, 28th June 2017

08:30-09:00 Registration

09:00-09:10 Symposium welcome -

09:10-10:50 Session Chair: | Pátria Auditorium

09:10-10:00 [INV.01] Collaborative approach for C-H functionalization
H.M.L. Davies, Emory University, USA

10:00-10:50 [INV.02] Ang Li - Title to be confirmed
A. Li, Shanghai Institute of Organic Chemistry, China

10:50-11:20 Refreshment break and poster session 2 | Aula area and Mirror corridor

11:20-13:00 Session Chair: | Pátria Auditorium

11:20-12:10 [INV.03] Recent efforts in the synthesis of complex natural products: The evolution of an approach to Tetrapetalone A
J.L. Wood, Baylor University, USA

12:10-13:00 [INV.04] Veronique Gouverneur - Title to be confirmed
V. Gouverneur, University of Oxford, UK

13:00-14:00 Lunch | Aula area and Mirror corridor

14:00-14:30 Poster session 2 (Contd.) | Aula area and Mirror corridor

14:30-17:00 Session Chair: | Pátria Auditorium

14:30-15:20 [INV.05] Development of a long-term manufacturing route to an HCV NS5b inhibitor (MK-3682)
J. Limanto, Merck Research Laboratories, USA

15:20-16:10 [INV.06] Dissecting programmed cell death with small molecules
X. Lei, Peking University, China

16:10-17:00 [INV.07] Harnessing the chemistry of plant natural product biosynthesis
S. O'Connor, John Innes Centre, UK

17:00-17:30 Refreshment break and poster session 2 (Contd.) | Aula area and Mirror corridor

Thursday, 29th June 2017

09:00-10:40 Session Chair: | Pátria Auditorium

09:00-09:50 [INV.08] Total synthesis of natural product families beyond biogenetic relationships
T. Gaich, University of Konstanz, Germany

09:50-10:40 [INV.09] Total synthesis of (-)-tetrodotoxin
T. Fukuyama, Nagoya University, Japan

10:40-11:20 Refreshment break and Poster session 3 | Aula area and Mirror corridor

11:20-13:20 Session Chair: | Pátria Auditorium

- 11:20-11:40 **[O.01] Iridium-Catalysed Hydrogen Isotope Exchange (HIE) and applications of isotopically labelled compounds for drug discovery**
V. Derdau, K. Jess, A. Burhop, R. Weck, J. Atzrodt*, M. Freytag, P.G. Jones, M. Tamm, *Sanofi, Germany*
- 11:40-12:30 **[INV.10] Utilization of salts for the construction and functionalization of aromatic and heteroaromatic systems: An ate and onium show**
Z. Novák, *Eötvös Loránd University, Hungary*
- 12:30-13:20 **[INV.11] Enabling strategies for the step-efficient syntheses of natural products**
M. Christmann, *Freie Universität Berlin, Germany*

13:20-14:30 Lunch | Aula area and Mirror corridor

14:00-14:50 Poster session 3 (Contd.) | Aula area and Mirror corridor

14:50-16:50 Session Chair: | Pátria Auditorium

- 14:50-15:10 **[O.02] Caged proline as a light triggered organocatalyst**
N. Nesnas*, C. Gurugue, S. Rfaish, S. Yang, C. Byrd, A.K. Starrett, E. Guisbert, *Florida Institute of Technology, USA*
- 15:10-16:00 **[INV.12] Practical direct electrophilic amination of olefins and aromatic systems**
L. Kurti, *Rice University, USA*
- 16:00-16:50 **[INV.13] From molecules to dynamic molecular systems**
B. Feringa, *University of Groningen, The Netherlands*

16:50-17:50 Refreshment break and Poster session 4 | Aula area and Mirror corridor

18:45-22:45 Conference dinner (Optional Ticketed Event)

Friday, 30th June 2017

08:45-11:05 Session Chair: | Pátria Auditorium

- 08:45-09:35 **[INV.14] Stereoselective functionalization of unactivated hydrocarbons**
U.K. Tambar, *The University of Texas Southwestern Medical Center at Dallas, USA*
- 09:35-10:25 **[INV.15] Prebiotic chemistry and the origin of biological homochirality**
D.G. Blackmond, *The Scripps Research Institute, USA*
- 10:25-10:45 **[O.03] Structural basis to enantioselective proton transfer by acid-activated trifunctional organocatalysts for catalytic proficiency**
F. Liu*¹, R. Kenny¹, P. Karuso¹, N. Varga¹, H.M. Senn¹, ¹*Macquarie University, Australia*, ²*Glasgow University, UK*
- 10:45-11:05 **[O.04] Mechanisms and selectivity of reactive N-O bond reagents in organic synthesis**
D-H. Kwon, D.H. Ess*, *Brigham Young University, USA*

11:05-11:35 Refreshment break and Poster session 4 (Contd.) | Aula area and Mirror corridor

11:35-12:40 Session Chair: | Pátria Auditorium

- 11:35-12:25 **[INV.16] Metamorphosis of cyclopentene: Enantioselective total synthesis of polycyclic indole alkaloids**
J. Zhu, *Ecole Polytechnique Fédérale de Lausanne, Switzerland*
- 12:25-12:40 Poster awards and closing remarks