
Lectures 2017-18

PhD in Organic Chemistry

Universitat de Barcelona



1. Jaume Granell (Universitat de Barcelona)

Metal·lacicles: síntesi i algunes aplicacions

20/09/2017 12:00 h

2. Norio Shibata (Nagoya Inst. of Technology, Japan)

Story of SF₅-Pyridines

06/10/2017 12:00 h

3. Tanja Gaich (University of Konstanz, Germany)

Polycyclic natural products synthesis beyond biogenetic relationships

10/11/2017 12:00 h

4. Annemieke Madder (Ghent University, Belgium)

Furan-based click and photo-click reactions for the study and targeting of protein and nucleic acids interactions

24/11/2017 12:00 h

5. Maria Rosario González (Eli Lilly)

The role of medicinal chemistry in drug discovery. Identification of a MGAT2 inhibitor clinical candidate molecule

01/12/2017 12:00 h

6. Daniel Solé (Universitat de Barcelona)

Exploring the versatility of Pd-catalyzed reactions in aza-heterocyclic synthesis

19/01/2018 12:00 h

7. [Rosario Fernández \(Universidad de Sevilla\)](#)

Sistemas catalíticos y reactivos de nueva generación para síntesis asimétrica

01/02/2018 12:00 h

8. [Kurt Faber \(University of Graz, Austria\)](#)

Biocatalytic cascades for organic synthesis: Bio-Cannizzaro, Mitsunobu-invertase and functionalization of fatty acids

09/02/2018 12:00 h

9. [Sir Shankar Balasubramanian \(University of Cambridge, UK\)](#)

Chemical biology on the genome

21/02/2018 12:00 h

10. [Dirk J. Broer \(Technical University of Eindhoven, Netherlands\)](#)

In-situ polymerization of liquid crystals: One principle, infinite applications

09/03/2018 12:00 h

11. [Christopher Vanderwal \(University of California-Irvine, USA\)](#)

Some efforts in natural products synthesis design

15/03/2018 12:00 h

12. [Philippe Compain \(Université d'Strasbourg, France\)](#)

From square sugars to sweet giants: Synthetic challenges in glycoscience

23/03/2018 12:00 h

13. [Christina Thiele \(Technical University of Darmstadt, Germany\)](#)

Using NMR spectroscopy to investigate structure and dynamics of organic and organometallic compounds

13/04/2018 12:00 h

14. [Pedro Merino \(Universidad de Zaragoza\)](#)

Assessing the synchronicity of organic reactions: Chemical bonding and hidden intermediates

27/04/2018 12:00 h

15. [Karl-Heinz Altmann \(ETH, Switzerland\)](#)

Total synthesis and functional exploration of bioactive natural macrocycles

11/05/2018 12:00 h

16. [Elena Fernández \(Universitat Rovira i Virgili\)](#)

Catalytic polyborylation reactions: A challenge!

25/05/2018 12:00 h

17. [Muthiah Manoharan \(Alnylam Pharmaceuticals Inc., USA\)](#)

Making drugs out of siRNAs

31/05/2018 12:00 h

18. [Pier Giorgio Cozzi \(Università di Bologna, Italy\)](#)

Synergistic photoredox catalysis

15/06/2018 12:00 h