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# Lectures 2012-13

PhD in Organic Chemistry

Universitat de Barcelona

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*1. Dr. Svetlana Tsogoeva (University Erlangen-Nürnberg, Germany)*

***Organocatalytic and Spontaneous Asymmetric Synthesis***

25/09/2012 12:00 h

*2. Dr. Frederick A. Villamena (The Ohio State University, USA)*

***Implication in Cardiovascular Therapeutics of the Chemical Properties and Biological Activity of Nitrene Spin Traps***

02/10/2012 12:00 h

*3. Dr. Christian Olsen (Technical Univ. Denmark, Denmark)*

***Substrates and Inhibitors of the Human Lysine Deacylases***

16/10/2012 12:00 h

*4. Dr. Ernest Giralt (Universitat de Barcelona)*

***Molecular recognition at protein surfaces, peptide shuttles and Alzheimer's disease***

30/10/2012 12:00 h

*5. Dra. Carme Almansa (Laboratori Dr. Esteve)*

***Medicinal Chemistry: To be fit or not to be***

21/11/2012 12:00 h

*6. Dr. Markus Heinrich (University Erlangen-Nürnberg, Germany)*

***Selectivity in aryl radical chemistry – new developments and applications***

11/12/2012 12:00 h

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7. Dr. Matthias Bickelhaupt (University of Amsterdam, Netherland)  
**Violation of the Octet Rule or "Freezing" the S<sub>N</sub>2 Transition State**  
17/01/2013 12:00 h

8. Dr. Sijbren Otto (University of Groningen, Netherland)  
**Systems Chemistry: From Molecular Recognition to Self-Replication in Dynamic Molecular Networks**  
12/02/2013 12:00 h

9. Dr. Pau Ballester (ICIQ, Tarragona)  
**Aplicacions de calix[4]pirroles aril estesos en Química Supramolecular**  
28/02/2013 12:00 h

10. Dr. Sergio Castellón (Universitat Rovira i Virgili, Tarragona)  
**Catalytic methods in natural products synthesis**  
12/03/2013 12:00 h

11. Dr. Òscar Millet (CIC bioGUNE)  
**Understanding protein function by NMR spectroscopy. The role of stability and dynamics methods**  
03/04/2013 12:00 h

12. Dr. Matthias Beller (Leibniz Institute for Catalysis, Univ. of Rostock, Germany)  
**On the Way to Perfect Selectivity: Developments of Efficient Catalysts for Redox Reactions**  
17/04/2013 12:00 h

13. Dr. Jaume Veciana (ICMAB-CSIC)  
**Molecular Materials as Nanocarriers for Drug Delivery**  
7/05/2013 12:00 h

14. Dr. Josep Maria Lluch (Universitat Autònoma de Barcelona)  
**Avantatges i problemes de l'estudi teòric de la catàlisi enzimàtica. Una visió crítica i a la vegada optimista**  
23/05/2013 12:00 h

15. Dr. Dieter Seebach (ETH Zurich, Switzerland)  
**Traps and Pitfalls in Organocatalysis**  
31/05/2013 12:00 h