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# Lectures 2013-14

PhD in Organic Chemistry

Universitat de Barcelona

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1. *Dr. Carme Rovira (Universitat de Barcelona)*

**Modeling of reactive processes in proteins using *ab initio* molecular dynamics**

03/10/2013 12:00 h

2. *Dr. Bernat Vidal (Laboratori Almirall)*

**Química Mèdica en el descobriment de nous fàrmacs**

10/10/2013 12:00 h

3. *Dr. Steven Bull (University of Bath, UK)*

**New applications of the aldol reaction for synthesis**

21/10/2013 12:00 h

4. *Dr. Armido Studer (University of Münster, Germany)*

**SET-Oxidations and Reductions with Organic Reagents**

30/10/2013 12:00 h

5. *Dr. Virginie Ratovelomanana-Vidal (Chimie Paris Tech, France)*

**Catalysis for Total Synthesis**

14/11/2013 12:00 h

6. *Dr. Christoph Niemeyer (University of Dortmund, Germany)*

**Biomolecular Nano- and Microstructures**

28/11/2013 12:00 h

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7. Dr. Josep Rizo (University of Texas Southwestern, USA)

**Reconstituting the basic mechanism of neurotransmitter release**

16/12/2013 12.00 h

8. Dr. David Andreu (Universitat Pompeu Fabra)

**Have gun-will travel: peptides on a mission through membranes, pathogens and beyond**

13/02/2014 12.00 h

9. Dr. Herbert Mayr (University of München, Germany)

**A Quantitative Approach to Polar Organic Reactivity**

20/02/2014 12.00 h

10. Dr. Nazario Martín (Universidad Complutense de Madrid)

**Interacciones supramoleculares cóncavo-convexo en nanoestructuras de carbono**

06/03/2014 12.00 h

11. Dra. Gemma Fabriàs (IQAC-CSIC)

**Aproximacions Químiques a la Manipulació del Metabolisme Lipídic**

20/03/2014 12.00 h

12. Dr. Miquel Pericàs (ICIQ, Tarragona)

**Catalytic Asymmetric Flow Processes with Supported Systems**

03/04/2014 12.00 h

13. Dr. Yasushi Tsuji (University of Kyoto, Japan)

**Addition of Carbonyl Functionalities to Carbon-Carbon Multiple Bonds Catalyzed by a Transition-metal Complex**

24/04/2014 12.00 h

14. Dr. Pau Bernadó (Centre de Biochimie Structurale, Montpellier, France)

**Structural and Dynamic Characterization of Highly Flexible Proteins. A Multi-Technique Approach**

08/05/2014 12.00 h

15. Dra. Mercedes Amat (Universitat de Barcelona)

**An enantiomeric scaffolding strategy for alkaloids synthesis**

22/05/2014 12.00 h