
PhD Thesis 2016-17

PhD in Organic Chemistry

Universitat de Barcelona



1. *Sònia Ciudad Fernández*

Cyclic peptides and small proteins in molecular recognition

Supervised by Dr. Ernest Giralt (UB) and Dr. Jesús Arroyo (IRB)

08/11/2016 12:00 h

2. *Ester Monlleó Mas*

Aminocyclitol and iminosugar derivatives related to Gaucher disease

Supervised by Dr. Amadeu Llebaria (IQAC-CSIC) and Dr. Carme Serra (IQAC-CSIC)

25/11/2016 11:00 h

3. *Jordi González García*

Síntesi d'anàlegs de la biotina i lligands divalents. Estudi de la interacció amb avidina i estreptavidina

Supervised by Dr. Joan Anton Farrera (UB) and Dr. Ernesto Nicolás (UB)

02/12/2016 11:30 h

4. *Pol Arranz Gibert*

Blood-brain barrier shuttles: from design to application

Supervised by Dr. Ernest Giralt (UB) and Dr. Meritxell Teixidó (IRB)

12/01/2017 15:00 h

5. *Lorena Mendive Tapia*

Indole arylation in tryptophan residues: development of new chemical methodologies, synthetic studies and biological evaluation of modified peptides

Supervised by Dr. Fernando Albericio (UB) and Dr. Rodolfo Lavilla (UB)

18/02/2017 11:30 h

6. *Andrea Mancinelli*

Palladium catalyzed C–H activation of arylethyl amines and their derivatives: application to the construction of heterocyclic compound

Supervised by Dr. Jordi García (UB) and Dr. Xavier Ariza (UB)

25/04/2017 15:00 h

7. *Elisabet Aguiló Linares*

Estructuras supramoleculares de oro (I) con propiedades luminiscentes. Estudios de agregación y aplicaciones

Supervised by Dr. Laura Rodríguez (UB) and Dr. Jordi Llorca (UPC)

28/04/2017 11:00 h

8. *Júlia Garcia Pintado*

Synthesis of biaryl bicyclic peptides for recognition of protein surfaces

Supervised by Dr. Ernest Giralt (UB)

12/05/2017 15:30 h

9. *Joan Font Ingles*

Deciphering the role of peripheral and central nervous system metabotropic glutamate receptors in neuropathic pain with photoactivable ligands

Supervised by Dr. Amadeu Llebaria (IQAC-CSIC) and Dr. Jesús Giraldo (IQAC-CSIC)

09/06/2017 11:00 h

10. *Ana Pou Cabello*

Synthesis and optimization of new sphingolipid sensors for metabolism and trafficking studies

Supervised by Dr. Antonio Delgado (UB) and Dr. José Luis Abad (IQAC-CSIC)

30/06/2017 11:00 h

11. *Marta Reig Canyelles*

Carbazole-based materials for organic thin-film transistors and organic light-emitting diodes

Supervised by Dr. Dolores Velasco (UB)

07/07/2017 11:00 h

12. *Jesús Herraiz Cobo*

Mayotlide: Synthetic approaches and structural elucidation

Supervised by Dr. Fernando Albericio (UB)

13/07/2017 11:00 h

13. *Roser Tolrà Rovira*

Nova síntesi d'interès industrial d'un fàrmac genèric

Supervised by Dr. Xavier Ariza (UB) and Dr. Marta Racamonde (Esteve Química)

21/07/2017 11:30 h

14. *Salvador Guardiola Bagan*

Design, synthesis and biophysical evaluation of peptides targeting pharmacologically relevant proteins

Supervised by Dr. Ernest Giralt (UB) and Dr. Laura Nevola (IRB)

15/09/2017 15:30 h

15. *Marta Broto Avilés*

Universal diagnostic platforms based on oligonucleotide codified nanoparticles and DNA microarray devices

Supervised by Dr. Maria Pilar Marco (IQAC-CSIC) and Dr. Roger Galve (IQAC-CSIC)

18/09/2017 11:30 h