

*Chiral lactams as Enantiomeric Scaffolds
for Alkaloids Synthesis*

Prof. Mercedes Amat

Universitat de Barcelona (Spain)

Friday 28th November, 2014. ICIQ Auditorium, 12 p.m.

Professional Career

Mercedes Amat graduated in Pharmacy at the University of Barcelona in 1979 and completed her Ph. D. under the supervision of Prof. Joan Bosch in 1984. In 1985 she moved, as Fulbright Scholar, to the University of Virginia where she carried out postdoctoral studies in the laboratory of Prof. Richard J. Sundberg working in the total synthesis of natural products. In 1986 she was appointed to a permanent position as Associate Professor of Organic Chemistry at the Faculty of Pharmacy of the University of Barcelona and in 1997 she was promoted to the position of Full Professor. From January 2005 to December 2012 she has been Head of the Department of "Pharmacology and Medicinal Chemistry" of the University of Barcelona.



Research Interests

The research interests of Mercedes Amat are mainly focused on the field of Organic Synthesis with special emphasis on stereochemical aspects. The ultimate goal of her basic research is the development of general synthetic methods and strategies, and their application to the synthesis of natural products, particularly indole and piperidine alkaloids, and other bioactive nitrogen compounds, both in the racemic series and enantiopure form.