

## **Antonio Garrido Montalban** (*curriculum vitae*)

### **Address:**

Department of Chemistry      **Tel:**    0207 594 5764 (Office)  
Imperial College of Science,      0207 589 5111 ext 55786 (Lab)  
Technology and Medicine,      **Fax:**    0207 594 5805  
South Kensington      **E-Mail:** agmont@ic.ac.uk  
London SW7 2AY      **URL:**    <http://www.ch.ic.ac.uk/montalban/home.htm>

**Born:** 21st September 1966 in Moreda (Granada), Spain    **Nationality:** Spanish

### **Current Position**

1998-Present: Fixed Term Lecturer and co-Director of research within Professor A.G.M. Barrett's group at Imperial College. Besides carrying out experimental work and the writing and refereeing of scientific papers, I am involved with the supervision of research associates and graduate students working on the synthesis of natural products (clavilactones, citric acid analogs and SNF4435 C and D), cyclopropane containing macrocycles (coronanes) and porphyrazines. The latter research is in collaboration with Professor B. M. Hoffman's group at Northwestern University in Evanston, Illinois, USA.

My independent research revolves around the design and synthesis of novel Schiff base complexes for catalysis, dipyrromethane hybrid macrocycles and multimetallic supramolecular polygons based on the 1,10-phenanthroline nucleus and bridging polypyrrolic subunits. The two latter projects are directed towards the construction, photophysical study and biomedical exploitation of macrocyclic complexes and supramolecular assemblies in which the building blocks are held together via noncovalent interactions (coordination motif).

### **Education**

1983-1986: Theoretical and practical education at the Chemistry School Paul-Ehrlich and the Chemical Company Hoechst AG in Frankfurt, Germany. Graduation to the degree of Chemical Technical Assistant.

1986-1987: Paul-Ehrlich School in Frankfurt, Germany: A'Levels.

1987-1991: Studied for the degree of Chemical Engineer at the University of Applied Sciences, Darmstadt, Germany. My final year project was directed towards the synthesis of hydroxybiphenyls under the supervision of Professor H. L. Fuchsbauer.

1991-1992: Studied for the award of Master of Sciences in Synthetic Organic Chemistry with a thesis entitled "Synthetic Approaches to Eilatin", under Professor A. McKillop at the University of East Anglia.

1992-1995: Studied for the degree of Doctor of Philosophy in Synthetic Organic Chemistry, with a thesis entitled "Asymmetric Approaches towards LY290154" under the supervision of Professor A. McKillop on a confidential industrially (Lilly Research) funded project at the University of East Anglia. This work contributed to the successful synthesis of a potent leukotriene antagonist (LY290154) in enantiomerically pure form.

2002-present: Certificate of Advanced Studies in Learning and Teaching at Imperial College.

### **Appointments**

1995-1996: Post-doctoral within Professor A. G. M. Barrett's group at Imperial College working on the design, synthesis and study of novel porphyrazines and complexes derived thereof.

1996-present: co-Director of research within Professor A. G. M. Barrett's group at Imperial College.

### **Teaching Experience**

Besides being involved in all teaching aspects of the department (lecturing, tutoring, demonstrating, etc.), I am currently qualifying for the Certificate of Advanced Studies in Learning and Teaching and have attended the following staff development courses at Imperial College:

February 1999: Student learning, student needs and course design.

March 1999: Course design.

April 1999: Supervising postgraduate students.

September 1999: Speaking technically.

December 2001: Introduction to management for academic and research staff.

February 2002: Laboratory teaching, Aspects of contemporary PhD supervision and Using technology in teaching and support for learners

#### *Lecture Courses given*

1998-2002: Heteroaromatics

### **Other relevant Information**

I am completely fluent in Spanish, German, English (written and spoken) and pre-intermediate in Greek.

Member of the Royal Society of Chemistry (CChem MRSC).