

Part A. PERSONAL INFORMATION		CV date		2021
First and Family name	Marta Figueredo Galimany			
Social Security, Passport, ID number	37271053J	Age	64	
Researcher codes	WoS Researcher ID (*)	M-3566-2018		
	SCOPUS Author ID(*)			
	Open Researcher and Contributor ID (ORCID) **	0000-0002-8278-7534		

(*) At least one of these is mandatory

(**) Mandatory

A.1. Current position

Name of University/Institution	Universitat Autònoma de Barcelona (UAB)		
Department	Departament de Química		
Address and Country	Edifici C, 08193, Bellaterra (Cerdanyola del Vallès), Spain		
Phone number	935811853	E-mail	Marta.figueredo@uab.cat
Current position	Full Professor	From	03/04/2006
Key words	bioactive organic molecules; new therapeutic agents; stereoselective synthesis; structural studies; organic reactivity		

A.2. Education

PhD	University	Year
Chemistry	Universitat Autònoma de Barcelona	1983

CV SUMMARY

Marta Figueredo was trained in Chemistry at the Universitat Autònoma de Barcelona (UAB), Spain, where she obtained her B.Sc. degree in 1978 and her Ph.D. in 1983, working with Prof. Pelayo Camps on the synthesis of polyquinanes, and then she collaborated, as a post-doctoral fellow, in the laboratory of Prof. Marcial Moreno-Mañas, on the development of new photoaffinity probes. Following a period as a NATO-SERC post-doctoral fellow in the group of Prof. Michael Jung at the University of California Los Angeles, working on stereoselective synthesis of biologically active compounds, she returned to the UAB and joined the group directed by Prof. Josep Font. In 1988, she accessed a position of Associated Professor of Organic Chemistry at the UAB and in 2006 she was promoted to Full Professor. She is the leader of the 2017 SGR 864 group of *Síntesi i aplicacions bioorgàniques i bioinorgàniques* (SABIO) that resulted from merging the two groups previously recognized as 2014 SGR 00710 and 2014 SGR 423. The first one was named group of *Síntesis orgànica estereoselectiva* (SOE) and the second one group of *Metal·loproteïnes, metalonòmica i xarxes de resposta a metalls* (METMET), which were merged as a way to join forces in order to afford common interdisciplinary challenges. Currently, the SABIO group incorporates five additional permanent professors. During the last decade, she has been the research leader of three projects funded by the *Ministerio de Economía y Competitividad* (CTQ2016-75363-R; CTQ2013-41161-R; CTQ2010-15380). Throughout her professional career, her main research interest has focused on the stereoselective synthesis of compounds with potential or recognized biological activity, using diverse synthetic strategies including chiral pool starting materials, chiral auxiliaries and enantioselective catalysis. Among the total synthesis achieved are some alkaloids of the *Securinega* and *Stemona* families, cyclobutane pheromones, antiviral nucleoside analogs and a variety of polyfunctional cyclohexanes with potential antitumor and tuberculostatic activity. She has directed 27 doctoral theses and numerous master's theses. She is co-author of around 125 scientific articles, almost entirely in prestigious international journals within the area of organic chemistry, and, in the last two decades, mostly belonging to the first quartile of the field.



She is a regular referee of articles for international publishers (ACS, RSC, Wiley, Elsevier, etc) of scientific journals and project proposals in competitive calls from various agencies (AGAE, AGAUR, ANEP, AVAP, FONCYT, etc).

Currently, her research focuses on the preparation and biological evaluation of new molecules, which can potentially act as therapeutic agents against some widespread human pathologies. This objective requires synthesizing new organic compounds, many of which have carbo- or heterocyclic substructures, and devising new control-delivery systems in a search for better and less invasive pharmaceutical drugs.

In parallel to the research, she has developed her teaching tasks at the UAB, participating in several degrees (Chemistry, Biochemistry, Biology, Microbiology, Veterinary), as well as in the teaching of Master and Doctorate of Chemistry. In the period 2006-2009 she served as Coordinator of Studies and Chair of the Commission for the elaboration of the Degree of Chemistry of the UAB based on the ECTS project.

Summary of relevant indicators

Positive six-year term research evaluation: 6

Date of the last assessment: June, 17th, 2015

Doctoral theses supervised during the last 10 years: 11

Total citations: 1806 (1411 without self citations)

Citing articles: 1114 (1019 without self citations)

Average citations per year: 50,17

Number of publications during the last 10 years: 28

Total number of publications in Q-1: 63

h-index: 25

Resumen en castellano:

-Tipo de plaza que ocupa en la universidad: Catedrática de Química Orgánica

-Departamento, grupo de investigación, universidad: Departamento de Química, Grupo de Síntesis y Aplicaciones Bioorgánicas y Bioinorgánicas (SABIO), Universidad Autònoma de Barcelona

-Temas de especialización. Código UNESCO: 230600 - Química orgánica. Palabras clave: molèculas orgánicas bioactivas; agentes terapéuticos innovadores; síntesis estereoselectiva; studios estructurales.

-Nº de quinquenios: 6

-Nº de sexenios (investigación): 6

-Experiencia previa en evaluación de calidad de la educación superior y/o I+D+i: Evaluadora habitual de proyectos de investigación para diversas agencias (AGAE, AGAUR, ANEP, AVAP, FONCYT, etc) desde hace 20 años.