

NAME: **Franco-Montalbán, Francisco**

POSITION TITLE: Associate Professor

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	Completion Date	FIELD OF STUDY
University of Granada, (Spain)	B.S.	07/1999	Pharmacy
University of Granada, (Spain)	Ph.D.	04/2004	Organic Chemistry
University of Harvard	Postdoctoral	09/2005	Organometallic Chemistry
University of Cambridge, (UK)	Postdoctoral	09/2006	Medicinal Chemistry
Institute of Biotechnology, University of Cambridge, (UK)	Postdoctoral	12/2008	Biotechnology/Biosensors

SELECTED PUBLICATIONS

1. Evans, D.A., Thomson, R.J., Franco, F. (2005). Ni(II) Tol-BINAP-Catalyzed Enantioselective Michael Reactions of α -Ketoesters and Unsaturated N-Acylthiazolidinethiones. *Journal of the American Chemical Society*, 127, 10816-10817.
2. Tamayo, J. A.; Franco, F.; Lo Re, D. and Sánchez-Cantalejo, F. (2009). Synthesis of pentahydroxylated pyrrolizidines and indolizidines. *Journal of the Organic Chemistry*, 74, 5679-5682.
3. Tamayo, J.A.; Franco, F.; Sánchez-Cantalejo, F. (2010). Synthesis of unnatural pentahydroxylated pyrrolizidines: 5-epi- and 5,7a-diepihyacinthacine C1, 66, 7262-7267. *Tetrahedron*, 66, 7262-7267.
4. Tamayo, J.A.; Franco, F.; Sánchez-Cantalejo, F. (2011). Synthesis of the Proposed Structure of Pentahydroxylated Pyrrolizidine Hyacinthacine C5 and its C6,C7-Epimer. *European. Journal of Organic Chemistry*, 7182-7188.
5. D. Martella, F. Cardona, C. Parmeggiani, F. Franco, J. A. Tamayo, I. Robina, E. Moreno-Clavijo, A. J. Moreno-Vargas, A. Goti, (2013). Synthesis and Glycosidase Inhibition Studies of 5-Methyl-Substituted Tetrahydroxyindolizidines and -pyrrolizidines Related to Natural Hyacinthacines B. *European. Journal of Organic Chemistry*, 4047-4056.
6. Flávio A. de Freitas, Rafael C. Araújo, Elzalina R. Soares, Rita C. S. Nunomura, Felipe M. A. da Silva, Sarah R. S. da Silva, Antonia Q. L. de Souza, Afonso D. L. de Souza, Francisco Franco-Montalbán, Leonard D. R. Acho, Emerson S. Lima, Giovana A. Bataglian, Hector H. F. Koolen, (2017). Biological evaluation and quantitative analysis of antioxidant compounds in pulps of the Amazonian fruits bacuri (*Platonia insignis* Mart.), ingá (*Inga edulis* Mart.), and uchi (*Sacoglottis uchi* Huber) by UHPLC-ESI-MS/MS. *Journal of Food Biochemistry*, e12455.

PATENTS

Compuestos para el tratamiento de las enfermedades causadas por parásitos del género *Leishmania*. José Antonio Gómez Vidal, Mónica Díaz Gavilán, Francisco Franco Montalbán, Francisco Morillas Márquez, Victoriano Corpas López, Joaquina Martín Sánchez, Margarita López-Viota Gallardo, Julián López-Viota Gallardo
PCT/ES2017/070502

11 julio 2017

SELECTED RESEARCH PROJECTS

Risk of leishmaniosis in east Andalucía and the Canary Islands: Prevalence, Risk factors and development of new drugs.

MINECO, Instituto de Salud Carlos III

PI: Martín Sánchez, Joaquina

01/01/15-12/31/17

Role: Co-Investigator

Synthesis and characterization of new tri- and tetradentate carbohydrate based ligands presenting catalytic activity in water.

Junta de Andalucía, FQM4498

PI: Tamayo-Torres, Juan Antonio

01/01/10-12/31/13

Role: Co-Investigator

New Glycolate Oxidase Inhibitors for the Treatment of Primary Hiperoxaluria

The Oxalosis & Hyperoxaluria Foundation (USA)

PI: Díaz-Gavilan, Mónica

01/01/14-12/31/16

Role: Co-Investigator

Amazonian endophytic microorganisms: Sources of metabolites for semi-synthetic modifications and Biotransformations.

MEC/MCTI/CAPES/CNPq/FAPs

PI: Duarte Leão de Souza, Afonso

01/01/13-12/31/15

Role: Co-Investigator