



CURRICULUM VITAE ABREVIADO (CVA)

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Part A. PERSONAL INFORMATION

First name	Francisco Javier		
Family name	Sayago García		
Gender (*)		Birth date (dd/mm/yyyy)	
e-mail		URL Web	
Open Researcher and Contributor ID (ORCID) (*)			

A.1. Current position

Position	Profesor Titular de Universidad		
Initial date			
Institution	Universidad de Zaragoza		
Department/Center			
Country	Spain	Teleph. number	
Key words			

CV SUMMARY

Francisco Javier Sayago received a Degree in Chemistry from the University of Seville in 2001, with the Extraordinary Bachelor's Degree Award. In the same year, he began working in the group of Professor José Fuentes Mota at the University of Sevilla. He was awarded with an FPU research fellowship to carry out his doctoral thesis, which focused on the synthesis of carbohydrate derivatives of biological interest. He earned a Doctoral Degree in 2006, which was obtained under the "European Doctorate" modality and distinguished with the Extraordinary Doctorate Award. Later, he moved to the University of Zaragoza, where he joined the group of Professor Carlos Cativiela and obtained a position as an assistant professor. In June 2019, he was promoted to Senior Lecturer. During this time, his research has focused on the synthesis and biological properties of amino acids and peptides, with a particular emphasis on amino phosphonic acid derivatives. He has published 43 research articles in JCR-indexed journals (index h = 18) and presented 46 communications to meetings and congresses. He has participated in 20 research projects and supervised 3 Doctoral Theses (one more currently in progress), 4 master's degree theses, and 8 bachelor's degree theses.

RELEVANT MERITS (sorted by typology)

Publications

Sáez, J.; Dalmau, D.; Sayago, F. J.; Urriolabeitia, E. P. Eur J Org Chem 2024, 27 (18), e202400146. <https://doi.org/10.1002/ejoc.202400146>.

Viveros-Ceballos, J. L.; Matías-Valdez, L. A.; Sayago, F. J.; Cativiela, C.; Ordóñez, M. Amino Acids 2021, 53 (3), 451-459.

Jiménez-Andreu, M. M.; Lucía Quintana, A.; Aínsa, J. A.; Sayago, F. J.; Cativiela, C. Org. Biomol. Chem. 2019, 17 (5), 1097-1112.

Jiménez-Andreu, M. M.; Bueno-Morón, J.; Sayago, F. J.; Cativiela, C.; Tejero, T.; Merino, P. Eur. J. Org. Chem. 2019, 2019 (6), 1268-1272.

Ruiz, S.; Sayago, F. J.; Cativiela, C.; Urriolabeitia, E. P. J. Mol. Catal. A-Chem. 2017, 426, 407-418.



Viveros-Ceballos, J. L.; Ordóñez, M.; Sayago, F. J.; Jiménez, A. I.; Cativiela, C. Eur. J. Org. Chem 2016, 2016 (15), 2711-2719.

Bachl, J.; Mayr, J.; Sayago, F. J.; Cativiela, C.; Díaz Díaz, D. Chem. Commun. 2015, 51 (25), 5294-5297.

Laborda, P.; Sayago, F. J.; Cativiela, C.; Parella, T.; Joglar, J.; Clapés, P. Org. Lett. 2014, 16 (5), 1422-1425.

Laga, E.; García-Montero, A.; Sayago, F. J.; Soler, T.; Moncho, S.; Cativiela, C.; Martínez, M.; Urriolabeitia, E. P. Chem. Eur. J. 2013, 19 (51), 17398-17412.

Morán-Ramallal, R.; Gotor-Fernández, V.; Laborda, P.; Sayago, F. J.; Cativiela, C.; Gotor, V. Org. Lett. 2012, 14 (7), 1696-1699.

Agemy, L.; Sugahara, K. N.; Kotamraju, V. R.; Gujraty, K.; Girard, O. M.; Kono, Y.; Mattrey, R. F.; Park, J.-H.; Sailor, M. J.; Jimenez, A. I.; Cativiela, C.; Zanuy, D.; Sayago, F. J.; Aleman, C.; Nussinov, R.; Ruoslahti, E. Blood 2010, 116 (15), 2847-2856.

Research projects,

Reference: PID2023-147471NB-I00; Title: Avances en el Desarrollo Racional de Catalizadores Multifuncionales y su Impacto en la Obtención de Compuestos de Interés; Institution: ISQCH-CSIC Funding Institution: Ministerio de Ciencia e Innovación; Principal Scientific Researcher: Raquel Pérez Herrera; Starting and ending date: September 2024-December 2027; Grant amount: 181.250,00 €; Participation: Scientific researcher.

Reference: PID2019-106394GB-I00; Title: Procesos sostenibles para la síntesis de nuevos aminoácidos, incluyendo especies relacionadas, y sus aplicaciones; Institution: ISQCH-CSIC Funding Institution: Ministerio de Ciencia e Innovación; Principal Scientific Researcher: Esteban Urriolabeitia Arrondo; Starting and ending date: June 2020-May 2024; Grant amount: 84.700 €; Participation: Scientific researcher.

Reference: CTQ2010-17436; Title: Aminoácidos no proteicos destinados a estudios estructurales y aplicaciones biomédicas; Institution: Universidad de Zaragoza-CSIC; Funding Institution: Ministerio de Ciencia e Innovación; Principal Scientific Researcher: Carlos Cativiela (Universidad de Zaragoza); Starting and ending date: January 2011-December 2013; Grant amount: 198.440 €; Participation: Scientific researcher.

Reference: INNPACTO, IPT-2011-0860-060000; Title: Síntesis de derivados de cisteína de interés biológico y su nanoencapsulación mediante polímeros inteligentes; Institution/Company: Universidad de Zaragoza-CSIC/AXEB BIOTECH; Funding Institution: Ministerio de Ciencia e Innovación; Principal Scientific Researcher: Carlos Cativiela (Universidad de Zaragoza); Starting and ending date: July 2011-June 2014; Grant amount: 233.889 €; Participation: Scientific Researcher.

Reference: INNPACTO, IPT-2012-0393-060000; Title: Aminoácidos ciclopropánicos como precursores biosintéticos de interés agroindustrial; Institution/Company: Universidad de Zaragoza-CSIC/Just Global Communication & International Marketing; Funding institution: Ministerio de Economía y Competitividad; Principal Scientific Researcher: Carlos Cativiela (Universidad de Zaragoza); Starting and ending date: January 2013-June 2015; Grant amount: 145.723 €; Participation: Scientific researcher.

Reference: CTQ2013-40855-R; Title: Aminoácidos no proteicos y derivados para aplicaciones en agroquímica y biomedicina; Institution: Universidad de Zaragoza-CSIC; Funding institution: Ministerio de Economía y Competitividad; Principal Scientific Researcher: Carlos Cativiela (Universidad de Zaragoza); Starting and ending date: January 2014-December 2017; Grant amount: 131.890 €; Participation: Work team member.



Contracts

Title: Trabajos de investigación en Química Orgánica; Reference: 2019/0344; Company: ROLABO OUTSOURCING, S.L.; Principal Scientific Researcher: Carlos Cativiela (Universidad de Zaragoza) and Ana Isabel Jiménez Sanz (ISQCH-CSIC); Starting and ending date: May 2019-December 2019; Amount: 12.100 €; Participation: Scientific Collaborator.

Title: Estrategias sintéticas, generación de librerías y relación estructura-actividad de derivados de tiazolidinas; Reference: 2010/0266; Company: AXEB BIOTECH S.L.; Principal Scientific Researcher: Carlos Cativiela (Universidad de Zaragoza); Starting and ending date: June 2010-December 2013; Amount: 29.000 €; Participation: Scientific Collaborator.

Supervised PhD Theses

"Synthesis of aminophosphonic acids based on the structure of proline" Alicia Arizpe Santiago (23/05/2013). Apto Cum Laude.

"Proline analogues based on the structure of indole and isoindole: synthesis and applications" Pedro Laborda Martínez (13/06/2014). Sobresaliente Cum Laude.

"Dehydroaminophosphonic acids: synthesis, reactivity and biological applications" M^a Mercedes Jiménez Andreu (09/11/2018). Sobresaliente Cum Laude.