Fecha del CVA	10/05/2021

Parte A. DATOS PERSONALES

Nombre y Apellidos	Victoria Esther Valdivia Giménez		
DNI/NIE/Pasaporte		Edad	
Núm. identificación del investigador	Researcher ID		
	Scopus Author ID	9938896400	
	* Código ORCID	0000-0003-3534-7074	

* Obligatorio

A.1. Situación profesional actual

Organismo	Universidad de Sevilla		
Dpto. / Centro	Química Orgánica y Farmacéutica / Facultad de Farmacia		
Dirección			
Teléfono		Correo electrónico	
Categoría profesional	Profesor Titular	Fecha inicio	2019
Palabras clave			

A.2. Formación académica (titulo, institución, fecha)

Licenciatura/Grado/Doctorado	Universidad	Año
Estudios avanzados en química	Universidad de Sevilla	2010
Diploma de Estudios Avanzados	Universidad de Sevilla	2006
Licenciada en Farmacia	Universidad de Sevilla	2004

A.3. Indicadores generales de calidad de la producción científica

a) Total number of citations: 390
b) Average number of citations during the last five years: 10.5
c) Total number of publications in the first quartile (Q1): 16
d) Total number of publications in the first quartile first decile (D1): 6
e) h-index: 13

Parte B. RESUMEN LIBRE DEL CURRÍCULUM

Bachelor's of Science, Pharmacy, 2004 with a qualification of 2.36. PhD at the Institute of Chemical Research of Seville founded with an I3P fellowship from Spanish National Research Council (CSIC) in 2006. Five stays in the European School of Chemistry, Polymers and Materials at the University Of Strasbourg (France) during one year in total. Master in Advanced Studies in Chemistry with quality mention with the highest qualification (June 2006). Doctor in Chemistry from the University of Seville and the University of Strasbourg in February 2010, by means of the realization of a thesis in co-supervision, titled: New Applications of Sulfur Quiral Derivatives: Organocatalisis, Enantioselective Synthesis of Calciomimetics and Cross-Coupling of Suzuki-Miyaura, under the supervision of the Professor Inmaculada Fernandez (University of Seville), Dr. Noureddine Khiar (Institute of Chemical Research, Spanish National Research Council) and Prof. Françoise Colobert (University of Strasbourg). This thesis gives rise to 9 publications in scientific high impact journals: Phosphorus Sulfur and Silicon and the Related Elements **2004** IF: 0.564, Synlett **2005** IF: 2.69, Journal of Organic Chemistry **2008** IF: 3.95, European Journal of Organic Chemistry **2010** IF: 3.21 and Organic & Biomolecular Chemistry **2010** IF: 3.45 and four publications in Organic Letters **2005** IF: 4.37, (2) **2007** IF: 4.8 and **2009** IF: 5.42 and 16 participations in national and international conferences with oral communications and posters. Postdoctoral stay in the Carbon Nanotechnology research group led by Prof. Maurizio Prato (University of Trieste, Italy) researching on covalent functionalization of carbon nanotubes for biological applications thanks to a fellowship from the European Research Council, within the Carbonanobridge European project (2010-2011). Substitute and junior professor of the Department of Organic and Pharmaceutical Chemistry at the Faculty of Pharmacy in the University of Seville (2011-2012). Accredited by AGAE (Andalusian Direction of Evaluation and Accreditation) as junior doctor professor (2012), position held from October

2012 to October 2017. In this period 8 new articles published in high impact journals researching in the field of nanotechnology and enantioselective synthesis and catalysis: RSC Advances **2013** IF: 3.71, Advanced Synthesis and Catalysis **2013** IF: 5.54, Journal of Organic Chemistry **2013** IF: 4.64, Organic and Biomolecular Chemistry **2014** IF: 3.5, Nanoscale **2015** IF: 7.39 Journal of Materials Chemistry B4 **2016** IF: 4.54 RSC Advances **2016** IF: 3.11 and Organic and Biomolecular Chemistry, **2019**; attended as a speaker and/or poster presenter at 7 national and 4 international congresses, 13 final degree projects directed, 2 final master projects co-directed and Brucker-University of Seville award 2013 received. Accredited by National Agency for Quality Assessment and Accreditation of Spain (ANECA) as an university contracted doctor professor and as private university professor (2014). In October 2018 contracted doctor professor at the Department of Organic and Pharmaceutical Chemistry, Faculty of Pharmacy, University of Seville through an opposition exam, initiating the contract on November 7, 2018. In January 2019 accredited by National Agency for Quality Assessment and Accreditation of Spain (ANECA) as an university assistant professor. Assistant professor from 12/12/19 through an opposition exam.

Parte C. MÉRITOS MÁS RELEVANTES (ordenados por tipología)

C.1. Publicaciones

AC: Autor de correspondencia; (nº x / nº y): posición firma solicitante / total autores

1 **Artículo científico**. VICTORIA VALDIVIA; NEREA BILBAO; JUAN FRANCISCO MOYA; CHRISTIAN ROSALES; ÁLVARO SALVADOR; ROCÍO RECIO; INMACULADA FERNÁNDEZ; NOUREDDINE KHIAR. (1/8). 2016. Pseudo enantiomeric mixed S/P ligands derived from carbohydrates for the 1,4-addition of phenyl boronic acid to cyclohexenone Pseudo enantiomeric mixed S/P ligands derived from carbohydrates for the 1,4-addition of phenyl boronic acid to cyclohexenone. ROYAL SOCIETY OF CHEMISTRY. 6, pp.3041-3047. ISSN 2046-2069.

2 **Artículo científico**. JUAN JOSE CID; MOHYEDDIN ASSALI; ELISABETH FERNÁNDEZ GARCÍA; VICTORIA VALDIVIA; E. M. SÁNCHEZ FERNÁNDEZ; JOSÉ MANUEL GARCÍA FERNÁNDEZ; RALF WELLINGER; NOUREDDINE KHIAR. (4/9). 2016. Tuning of glyconanomaterial shape and size for selective bacterial cell agglutination Journal of Materials Chemistry B. ROYAL SOCIETY OF CHEMISTRY. 4, pp.2028-2037. ISSN 2050-750X.

3 **Artículo científico**. INMACULADA FERNÁNDEZ; VICTORIA VALDIVIA; NOUREDDINE KHIAR. (1/3). 2014. "Sulfolefin": a mixed sulfinamido-olefin ligand in enantioselective rhodiumcatalyzed addition of arylboronic acids to trifluoromethyl ketones ORGANIC & BIOMOLECULAR CHEMISTRY. ROYAL SOCIETY OF CHEMISTRY. 12, pp.1211-1214. ISSN 1477-0520.

4 **Artículo científico**. NOUREDDINE KHIAR; VICTORIA VALDIVIA; ALVARO SALVADOR; AHMED CHELOUAN; ANA ALCUDIA; INMACULADA FERNANDEZ. (2/6). 2013. Asymmetric Rhodium-Catalyzed 1,4- and 1,2-Additions of Arylboronic Acids to Activated Ketones in Water at Room Temperature Using a Mixed Sulfur-Olefin Ligand ADVANCED SYNTHESIS CATALYSIS. WILEY-VCH. 355, pp.1303-1307. ISSN 1615-4169.

5 **Artículo científico**. NOUREDDINE KHIAR; ALVARO SALVADOR; VICTORIA VALDIVIA; AHMED CHELOUAN; ANA ALCUDIA; ELEUTERIO ALVAREZ; INMACULADA FERNANDEZ. (3/7). 2013. Flexible C2-Symmetric Bis-Sulfoxides as Ligands in Enantioselective 1,4-Addition of Boronic Acids to Electron-Deficient Alkenes JOURNAL OF ORGANIC CHEMISTRY. AMERICAN CHEMICAL SOCIETY. 78, pp.6510-6521. ISSN 0022-3263.

6 **Artículo científico**. NOUREDDINE KHIAR; RAQUEL NAVAS; ELEONORA ELHALEM; VICTORIA VALDIVIA; INMACULADA FERNANDEZ. (4/5). 2013. Proline-coated gold nanoparticles as a highly efficient nanocatalyst for the enantioselective direct aldol reaction in water RSC Advances. ROYAL SOCIETY OF CHEMISTRY. 3, pp.3861-3864. ISSN 2046-2069.

7 **Artículo científico**. Nazaret Moreno; Rocío Recio; Victoria Valdivia; Noureddine Khiar; Inmaculada Fernández. 2019. N-Isopropylsulfinylimines vs. N-tert-butylsulfinylimines in the Stereoselective Synthesis of Sterically Hindered Amines: An Improved Synthesis of Enantiopure (R)- and (S) Rimantadine and the Trifluoromethylated Analogues Organic and Biomolecular Chemistry. Royal Society of Chemistry. 17, pp.9854-9858.

8 **Artículo científico**. MANUEL PERNÍA; MOHYEDDIN ASSALI; JUAN JOSÉ CID; VICTORIA VALDIVIA; JOSE MANUEL FRANCO; INMACULADA FERNANDEZ; DAVID POZO; NOUREDDINE KHIAR. (4/8). 2015. Synthesis of 1D-glyconanomaterials by a hybrid noncovalent–covalent functionalization of single wall carbon nanotubes: a study of their selective interactions with lectins and with live cells Nanoscale. The Royal Society of Chemistry. 7, pp.19259-19272. ISSN 2040-3364.

C.2. Proyectos

1 Desarrollo de Nuevos Sistemas Moleculares y Supramoleculares para una Catálisis Asimétrica Sostenible. Síntesis de Compuestos Antitumorales, Antivíricos y Antibacterianos. 30/12/2016-29/12/2019. 80.000 €.

2 CTQ2013-49066- C2-1R, DISEÑO Y SINTESIS DE NUEVOS SISTEMAS MOLECULARES Y SUPRAMOLECULARES NANOMETRICOS COMO HERRAMIENTAS UTILES EN SINTESIS ASIMETRICA Y BIOMEDICINA (CTQ2013-49066- C2-1R) MINISTERIO DE ECONOMIA Y COMPETITIVIDAD. (CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS Y UNIVERSIDAD DE SEVILLA). 01/01/2014-31/12/2016. 105.000 €. Miembro de equipo.

3 CTQ2010- 15515-C02-01/BQU, MANIPULACION DE LA TOPOLOGIA Y FUNCIONALIDAD DE LOS CARBOHIDRATOS PARA LA SINTESIS DE CATALIZADORES NANOMETRICOS. REF.: (CTQ2010- 15515-C02-01/BQU) MINISTERIO DE EDUCACION MEC. (INSTITUTO DE INVESTIGACIONES QUIMICAS ISLA DE LA CARTUJA. CSIC-UNIVERSIDAD DE SEVILLA). 01/01/2011-31/12/2014. 94.380 €. Miembro de equipo.

C.3. Contratos

C.4. Patentes