CURRICULUM VITAE ABREVIADO (CVA)

IMPORTANT – The Curriculum Vitae cannot exceed 4 pages. Instructions to fill this document are available in the website.

Part A. PERSONAL INFORMATION

First name	Ricardo		
Family name	Lucas Rodríguez		
Gender (*)	Male	Birth date (dd/mm/yyyy)	
e-mail	rlucas1@us.es	URL Web https://prisma.us.es/investigador/2361	
Open Researcher and Contributor ID (ORCID) (*)		0000-0002-5579-4499	

A.1. Current position

Position	Profesor Titular de Universidad		
Initial date	07/05/2024		
Institution	School of Pharmacy, University of Seville		
Department/Center	Organic and Pharmaceutical Department		
Country	Spain	Teleph. number	
Key words	Organic and medicinal chemistry, carbohydrate chemistry, glycosaminoglycans, DNA, antioxidants, tunicamycin, glicosyltransferase inhibitors, resveratrol, antibacterial activity.		

A.2. Previous positions (research activity interuptions, indicate total months)

Period	Position	Months
15/11/2023-06/05/2024	PPL	5
26/09/2016-14/11/2023	PSI and PAD/ Organic and Pharmaceutical Department, University of Seville	86
01/10/2015-16/09/2016	Talenthub Contract, IPBLN, Granada, CSIC	12
17/02/2014-31/01/2015	PSI/Chemical Engineering, Physical Chemistry, Organic Chemistry Department, University of Huelva	11
16/03/2007-13/08/2014	Research Contracts, IIQ, CICCartuja, Sevilla, CSIC	86
01/10/2004-30/09/2006	Research Marie Curie contract, Chemistry Research Laboratory, Oxford, University of Oxford, UK	24
01/11/2002-30/09/2004	Posdoctoral fellow, Institut de Chemie Moléculaire et des Materiaux d'Orsay, Université du Paris Sud, Paris XI, Orsay France	23
01/09/1998-30/10/2002	Predoctoral fellow, IIQ, CICCartuja, CSIC	50
30/09/2013	Baja nacimiento mellizas (nacimiento/acogimiento/adopción)	6
01/07/2009	Baja nacimiento primer (nacimiento/acogimiento/adopción)	4

A.3. Education

PhD, Licensed, Graduate	University/Country	Year
Degree in Chemistry	Universidad de Sevilla	1997
PhD in Chemistry	Universidad de Sevilla	2002

Part B. CV SUMMARY

Dr. Lucas got his degree in Chemistry at the University of Sevilla. He started the PhD in the « Instituto de Investigaciones Químicas, IIQ-CSIC" (CSIC-Universidad de Sevilla) under the supervisión of Prof. Manuel Martín Lomas. In October 2002 he got PhD in Organic Chemistry and started two postdocs stay. From November 1st in 2002 until September 30th in 2004 he was working in the «Institut de Chimie Moléculaire et des Matériaux d'Orsay » as a Sidaction-CNRS fellow in the group of Prof. André Lubineau. In October 1st in 2004, he then moved to Oxford to start the second posdoctoral stay with a prestigious Marie Curie Intraeuropean Fellowship and he was working in « Chemistry Research Laboratory » from Oxford University under the supervision of Prof. Benjamin Davis. During this two posdoctoral stay he has participated in the supervision of PhD, part II students, advanced organic problems sessions, paper talk sessions…. etc. In 2007 he came back to IIQ in Sevilla, and he was working from March 2007 until August 2014 with a JAE-doc contract from CSIC and several research contracts. During the stay in CSIC he was involved in different organic and medicinal chemistry projects under the supervision of Dr. Juan Carlos Morales. He was then moved to the University of Huelva for almost one year as an Assistant Professor in Organic Chemistry area. In October 2015 he started working in « Instituto de Parasitologia y Biomedicina López Neyra, CSIC » of Granada with a prestigious Talent-Hub contract until September 2016 when he decided to start the career in the University of Seville in the « Departamento de Química Orgánica y Farmacéutica » and in the group of Prof. Juan Galbis. Dr. Lucas has been working in more than 15 multidisciplinary projects, he is co-author of 49 papers and many of them with high impact index factor such us Cell, J. Med. Chem., J. Am. Chem.Sic, Chem. Comm., Chem. Eur. J, J. Org. Chem, etc. He is also co-author of 5 patents and one of them was licensed. He has been teaching in the last 10 years more than 2000 hours in different degrees at University of Huelva and Seville (degree in Pharmacy and Chemistry). He got the "Profesor Titular Acreditation from ANECA in 2018". Metrics: h= 31, 1.983 cites.

Part C. RELEVANT MERITS *(sorted by typology)*

C.1. Publications

1- Carbajo-Gordillo, Al et al., POLYMERS (2073-4360) 2024, 16, 7, 880.
2- Cebrián Rubén et al., Journal of Enzyme Inhibition and Medicinal Chemistry, 2023, 38, 267-281.
3- Cebrián Rubén et al., Journal of Natural Products, 2022, 85, 6,1459 – 1473.
4- Serreli, G. et al., Food and Chemical Toxicology, 2020, 145, 111729.
5- Iglesias Nielves et al., Pharmaceutics, 2020, 12(7), pp. 1-44, 636
6- Penalver Pablo et al., J. Agr. Food Chem., 2019, 68(6), pp. 1609-1620.
7- Iglesias Nieves et al., International Journal of Molecular Sciences 2019, 20(2):398,.
8- Dong Yong; et al, Cell 2018, 175, 1045–1058 (30.410, 1/290 Q1/ D1)
9- Vengut-Climent Empar; et al, Chemical Sci. 2018, 9, 3544-3554 (8.668, 17/166 Q1/D1)
10- Elsa Galbis; et al., ACS Omega 2018, 3, 375-382 (2.584, 76/172; Q2)
11- Elsa Galbis; et al., J Drug Des Res 2017, 4(4), 1047-1052.
12- Francisco J. G. Muriana; et al., Food&Function 2017, 8, 2905-2914 (3.247, 15/130 Q1)
13- Sergio Lopez ; et al., Journal of Functional Foods 2017, 29, 238-247 (3,144, 18/130 Q1).
14- Arevalo-Ruiz, Matilde ; et al., Chem. Eur. J 2017, 23, 2157-2164 (5.317, 29/166 Q1).
15- Vengut-Climent, Empar; et al., Angew. Chem. Int. Ed. 2016, 55, 8643-8647. (11.994, 13/166 Q1, D1)
16- Atzeri, Angela; et. Al., Food & Function, 2016, 1, 337-346 (2.686, 25/125, Q1)
17- Belmonte-Reche, Efres; et. Al., Eur. J. Med. Chem. 2016, 119, 132-140 (4.519, posición 4/60 Q1/D1).
18- Eva Falomir; et al., Chembiochem 2016, 17, 1343-1348 (2,850, 23/59 Q2, año 2011 8/59 Q1, SJR, desde 2001 hasta 2015 Q1). (portada interior)
19- Maria J González; et al., Food Chemistry 2015, 183, 190-196 (4.052, 7/72 Q1/D1)
20- Cristina Alonso; et al., Journal of Pharmacy and Pharmacology 2015, 67,7, 900-908 (2.363, 127/255 Q2).
21- Ricardo Lucas; et al., J. Org. Chem. 2014, 79 (6), 2419-2429 (4.721, 7/58, Q1).

22- E. Vengut-Climent ; et al., Bioorg. Med. Chem. Lett. 2013, 23, 4048-4051 (2.331, 25/58, Q2).
23- A. González-Sarrías; et al., J Agric Food Chem 2013, 61, 4352-4359 (3,107, 11/71, Q1, 2/56 D1).
24- I. Gómez-Pinto; et al., Chem. Eur. J. 2013, 19, 1920-1927. (portada interior)
25- M. V- Selma; et al., J Agric Food Chem 2012, 60, 7367-7374 (3,107, 2/56, Q1/D1).
26- M. Azorín-Ortuño; et al., J. Nutr. Biochem. 2012, 23, 829-837 (4.552, 8/76, Q1/D1).
27- Ricardo Lucas; et al., Chem Commum, 2012, 48 (24), 2991 – 2993 (6.378, 19/152 Q1).
28- O. S. Maldonado; el al., Tetrahedron, 2011, 77, 7268-7279 (3.025,16/56 Q2, en 2010 14/56 Q1 y en SJR en Q1 en Organic Chemistry).
29- M. Deiana; et al., Chemico-Biological Interactions, 2011, 193, 232-239 (2.967, 75/261, 130/290 Q2).
30- M. Azorín-Ortuño; et al., Mol. Nutr. Food Res. 2011, 55, 1154-1168 (4.301, 2/128 Q1, D1).
31- Ricardo Lucas; et al., J. Am. Chem. Soc., 2011, 133, 1909-1916 (9.907, 11/154 Q1/D1).
32- Anna Aviñó; et al., Mol. Divers, 2011, 15, 751-757 (3.153, 9/71, Q1).
33- M. Larrosa; et al., J Med Chem 2010, 53, 7365-7376 (5.207, 3/54, Q1/D1) HIGHLIGHT. Study underlined in SciBX (2010, vol. 3(40); doi: 10.1038/scibx.2010.1207). The SciBX-The Science Business eXchange is a journal from Nature Publishing Group which makes analysis of the scientific content and commercial potential of the most important translational research papers in human therapeutics and diagnostics.
34- Isabel Medina; et al., J Agric Food Chem 2010, 58, 9778-9786 (2.816, 8/70 Q1, 2/55 D1).
35- B. Ugarte-Uribe, Bioconjugate Chem. 2010, 21, 1280-1287 (5.002, 20/147, Q1).
36- Ricardo Lucas, J Agric Food Chem, 2010, 58, 8021-26 (2.816, 8/70 Q1, 2/55 D1).
37- JC. Morales, Ricardo Lucas, Oxford: Academic Press, 2010, chapter 97, pp. 905-914.
38- I. Medina; et al., J Agric Food Chem 2009, 57, 9773-9779 (2.469, 8/70, Q1, 2/45 D1).
39- Ricardo Lucas, Carbohydrate Res 2009, 344, 1340-1346 (2.025, 19/64, Q2).
40- Rafael Ojeda; et al., Carbohydrate Chemistry: Proven Synthetic Methods Volume 1, 205-211, 2012 (CRC Press:Taylor&Francis Group).
41- Ricardo Lucas, Chembiochem 2008, 14, 2197-2199 (3.322, 7/41, Q1).
42- Anna Dilhas, J. Comb. Chem 2008, 10, 166-169 (2,196, 2/61, Q1, D1).
43- Hamza, Daniel et al., Chembiochem, 2006, 7,12,1856 – 1858 (4,1, 6/35, Q1, T1).
43. Lucas, R. et al., Eur. J. Org. Chem. 2004, (10), 2107-2117 (2,426, 16/58, Q2, T1).
44. Angulo, J. et al., ChemBioChem2004, 5, 55-61(3,474, 6/36, Q1, T1).
45. Chevalier-, Franck et al., Carbohydrate Research, 2004, 339, 975-983 (1,451, 16/58, Q2, T1).
46. Lucas, R., et al., Org. Biomol. Chem., 2003, 1, 2253-2266 (2004, 21/58, Q2).
47. Chevalier, Franck, et al., Eur. J. Org. Chem. 2004, 14, 2367-2376 (18/53, Q2, T1).

C.3. Research projects, 1. The Synthesis of Novel Transition State Analogues as Potential Inhibitors of Rhamnosyltransferase, Mycobacterium tuberculosis inhibitirs, from 01/10/2004 to 30/09/2006. Postdoctoral research, IP Benjamin G. Davis. International
2. "Estudios sobre el reconocimiento molecular de carbohidratos de interés biológico: interacciones iónicas y carbohidrato-aromático" MEC. Plan Nacional Química Básica (CTQ2006-01123/BQU). From 16/03/2008 to 31/12/2009- Research assistant, IP Pedro Nieto.
3. "Nuevos antioxidantes fenólicos glicosilados y emulgentes: estabilidad, actividad biológica y aplicaciones alimentarias" CSIC. Proyecto Intramural Frontera (200680F0132), from 16/03/2007 to 31/12/2008, posdoctoral research, IP Juan Carlos Morales.
4. "Conjugados carbohidrato-ARN inhibidores como nuevos agentes antivirales; interferente (siARN), antisentido, aptámeros, Conjugados carbohidrato-ARN inhibidores como nuevos agentes antivirales; interferente (siARN), antisentido, aptámeros y ribozimas" CSIC. Proyecto Intramural Frontera (200680F0141), from 16/03/2007 to 31/12/2008, research assistant, IP Juan Carlos Morales.
5. Conjugados oligonucleótido-carbohidrato: reconocimiento molecular y potencial aplicación en terapia génica MICINN, Plan Nacional Química Básica (CTQ2009-13705-subprograma BQU). From 01/01/2010 to 31/12/2012, Research assistant, IP Juan Carlos Morales.

6. “Estudio de la actividad biológica de las formas metabolizadas de polifenoles del aceite de oliva en un modelo de inflamación aguda”, Junta de Andalucía, Proyecto de excelencia (CVI-5007), from 01/01/2011 to 31/12/2014, Research assistant, IP Juan Carlos Morales.
7. “Bases alternativas del ADN como estructura de monosacárido” (CTQ2011-15203E). Proyecto del Plan Nacional del Programa Explora del Ministerio de Economía y Competitividad. Investigador contratado. Proyecto Nacional. From 01/01/2013 to 30/06/2014, research assistant, IP Juan Carlos Morales.
8. “Interacciones carbohidrato-DNA: de los bioconjugados al diseño de fármacos”, Proyecto del Plan Nacional /CTQ2012-35360). From 01/01/2013 to el 31/12/2015.
9. “Nuevos derivados de resveratrol y mangiferina: prevención y tratamiento de enfermedades neurodegenerativas”, Junta de Andalucía, Proyecto Motriz (FQM-7316). From 01/01/2014 to 31/12/2016, Research assistant, IP Juan Carlos Morales.
10. Quantum Dots as delivery vector of improved resveratrol derivatives for the treatment of neurodegenerative diseases, IP: Ricardo Lucas Rodriguez, Junta de Andalucía-EU, Importe: 168.432,35€, From 01/10/2015 to 30/09/2017.
11- Preparación sostenible de hidrogeles superporosos con biodegradabilidad mejorada mediante la formación de redes interpenetradas, Referencia: PID2020-115916GB-I00, Plan Estatal 2017-2020 Generación Conocimiento - Proyectos I+D+i,, Nacional, from 01/09/2021 to 31/08/2024, research team,IP: Maria Violante de Paz Báñez.
12- Development of nano and microstructured polymeric materials with gastroretentive action for oral drug administration, US-1380587,Proyectos I+D+i FEDER Andalucía 2014-2020, Consejería de Economía, Conocimiento, Empresas y Universidad, Autonómico,e inicio: 01/01/2022-31/05/2023, Investigador, IP: Maria Violante de Paz Báñez
14- Diseño, síntesis, evaluación biológica y liberación dirigida de inhibidores del CD44: una prometedora terapia antitumoral (Ref: P18-RT-1679). Programa financiador: Proyecto de investigaciones orientadas a los Retos de la sociedad andaluza, desde el 01/01/2021 hasta el 30/06/2023, Investigador colaborador, IP: Ana Conejo García.
15- Nuevos fármacos basados en derivados de resveratrol para el tratamiento de enfermedades degenerativas de la retina, Proyecto de investigaciones orientadas a los Retos de la sociedad andaluza, desde el 01/01/2021 hasta el 30/06/2023, equipo de investigación, IP: Juan Carlos Morales Sánchez.

C.4. Contracts, technological or transfer merits,
1. Nuevos disacáridos con acción antiartrosica, Titulares: Bioiberica, S.A, E01947467 05-07-2001, Concesión, EP1300411B1 09-08-2006.
2. Compuestos con Actividad Antiinflamatoria, Número: WO 2011 073482 Licencia: Plant Biosciences, Internacional, 15/12/2009.
3. Fenoles Lipofílicos como Surfactantes Antioxidantes, Numero de solicitud: Solicitud: CSIC, fecha 26/10/2009.
4. Metabolitos de Tirosol e Hidroxitirosol, Número de solicitud: P201431890; CSIC, fecha 19/12/2014.
5. Naphthalene diimide compounds for treatment of diseases, N. de solicitud: PCTEP2017074773 País de prioridad: España, Fecha de prioridad: 29 September 2016 Entidad titular: CSIC, U.Pavia, U. Jaume I.
6. COMPUESTOS DERIVADOS DE PIRVINIO Y USO DE LOS MISMOS, Solicitud; P202430410 22-05-2024, PCT/ES2025/070219

C.5.
Marie Curie Action: Intraeuropean Fellowship 2004, European Union postdoctoral fellowship. Project entitled “Sugar mimetics: Multicomponent Glycosyltransferases Inhibitors”.
- JAE program of CSIC: JAE doc contract for young researchers 2007.
- TalentHub contract, 2016.
- CAP, forBach teacher, Universidad de Sevilla.
- Several teaching publications (EDULEARN 2017/2018).
- Teaching Innovation Project coordinator, Universidad de Sevilla, II Plan Propio de Docencia, 2017.
- B2 English Level tittle.
- Contratado Doctor certified by ANECA.
- Profesor Titular de Universidad certified by ANECA from septiembre 2018.
- Estancia de Investigadores senior, Universidad de Cambridge, enero-marzo 2026.