

Part A. PERSONAL INFORMATION

CV date 14/12/2021

First and Family name	Ángeles Jos Gallego		
Researcher codes	WoS Researcher ID (*)	T-1411-2017	
	SCOPUS Author ID(*)	6507080401	
	Open Researcher and Contributor ID (ORCID) **	0000-0001-7546-3294	

(*) At least one of these is mandatory

(**) Mandatory

A.1. Current position

Name of University/Institution	University of Sevilla		
Department	Food Science, Toxicology and Legal Medicine		
Address and Country	Profesor García González 2, 41012 Sevilla. Spain		
Phone number	954556762	E-mail	angelesjos@us.es
Current position	Full Professor	From	Nov 2016
Key words	Toxicology, Food Safety, Toxicity assessment, <i>in vivo</i> , <i>in vitro</i> , Toxicological analysis		

A.2. Education

PhD	University	Year
PhD in Pharmacy	University of Sevilla	2003
Master in Toxicology	University of Sevilla	2006

A.3. JCR articles, h Index, thesis supervised...

Periods of 6 years of research: 3 (last approved: 2018), 6-year term of transfer of know-how: 1 (2019)

Supervised doctoral theses: 8 and 3 ongoing.

Total number of cites: 2855. Average cites/year: 159. Cites/2015: 326, Cites/2016: 247, Cites/2017: 359, Cites/2018: 293, Cites/2019: 297

JCR articles: 125.

H-index: 39 (WoS)

Part B. CV SUMMARY (max. 3500 characters, including spaces)

Ángeles Jos Gallego, PhD in Pharmacy by the University of Sevilla (US) (2003) is Full Professor in Toxicology at the US from November 2016. After doing her PhD thesis thanks to a "FPI" grant she started her teaching activity in the Area of Toxicology of the Department of Food Science, Toxicology and Legal Medicine of the US as Collaborator Professor in 2003. Later, she was Assistant Professor, "Profesor contratado Dr" and Lecturer.

She has collaborated in different research projects as researcher and has been the leader in 3 National projects (AGL2010-21210 and co-PI in AGL2015-64558R and PID2019-104890-100), an excellence Project funded by the Junta de Andalucía (P10-AGR5969), a project funded by Consejería de Salud-Junta de Andalucía and 2 projects of the US. Moreover, she heads a FEDER-Junta de Andalucía project (US-1259106). Also she has been responsible of 2 research contracts (art.68/83 LOU).

At international level she was national representative in the COST action ES1105 "Cyanobacterial blooms and toxins in water resources: Occurrence, impacts and management". Nowadays she is involved in the European project RISE (8238060, H2020-MSCA-RISE-2018) focused on Analytical-Toxicological aspects of cyanotoxins in waters and vegetables in which she is the chair of the Scientific and Technical Advisory Committee. Moreover, she has been involved in the EFSA's European Food Risk Assessment Fellowship (EU-FORA) Programme (GP/EFSA/AFSCO/2017/08) and she also participates in the European project H2020-BBI-JTI-2019, being the leader of the US group in the international consortium.



Her research line has been based on toxicological studies, both *in vitro* and *in vivo* of different kind of compounds, highlighting cyanotoxins, nanomaterials, pharmaceuticals, pesticides, metals, etc. This research activity has resulted in 125 JCR articles (H-index 39). She is also co-author of 14 national articles, 6 international book chapters and >20 national, 7 of them in the book "Toxicología alimentaria" (Ed. Díaz de Santos). Moreover, she co-authors >120 international and >120 national congress communications and 5 patents. She has completed 3 periods of six years of research and one of transfer of know-how. Also she obtained the Manuel Losada Villasante award for the excellence in agrofood research in 2003. She has supervised 8 doctoral theses and 3 are ongoing.

She has a wide experience in management activities: as Vice-dean of the Faculty of Pharmacy of the US from 2010 to 2017, and treasurer of the Spanish Association of Toxicology (AETOX) from June 2014 until now. Finally, she has been and still is involved in advisory tasks. Thus, she was member of the Scientific Committee of the Spanish Agency of Food Safety (AESAN) from March 2015, holding the vice-presidency from March 2017 to February 2018. And she has collaborated as external reviewer for the National Evaluation and Prospective Agency (ANEP).

Part C. RELEVANT MERITS

C.1. Publications (including books)

- Díez-Quijada L, Llana-Ruiz-Cabello M, Catunescu G, Puerto M, Moyano R, Jos A, Cameán AM. 2019. *In vivo* genotoxicity evaluation of Cylindrospermopsin in rats using a combined micronucleus and comet assay. *Food Chem. Toxicol.* 132, 110664. Q1
- Hinojosa MG, Prieto AI, Gutierrez-Praena D, Moreno FJ, Cameán AM, Jos A. 2019. Neurotoxic assessment of Microcystin-LR, Cylindrospermopsin and their combination on the human neuroblastoma SH-SY5Y cell line. *Chemosphere* 234, 751-764. Q1
- Puerto M, Prieto AI, Maisanaba S, Gutierrez-Praena D, Mellado-García P, Jos A, Cameán AM. 2018. Mutagenic and genotoxic potential of pure Cylindrospermopsin by a battery of *in vitro* tests. *Food Chem. Toxicol.*, 121, 413-422. Q1
- Maisanaba S, Guzman-Guillén R, Valderrama R, Meca G, Font G, Jos A, Cameán AM. 2018. Bioaccessibility and decomposition of CYN in vegetables matrices after the application of an *in vitro* digestion model. *Food Chem. Toxicol.* 120, 164-171. Q1
- Díez-Quijada L, Guzman-Guillén R, Prieto AI, Llana-Ruiz-Cabello M, Campos A, Vasconcelos V, Jos A, Cameán AM. 2018. New method for simultaneous determination of Microcystins and Cylindrospermopsin in vegetable by SPE-UPLC-MS/MS. *Toxins* 10, 406. Q1.
- Prieto AI, Guzman-Guillén R, Díez-Quijada L, Campos, A, Vasconcelos VM, Jos A, Cameán AM. 2018. Validation of a method for CYN determination in vegetables: Application to real samples such as lettuce (*Lactuca sativa*) *Toxins* 10, 63. Q1
- Hercog K, Maisanaba S, Filipic M, Jos A, Cameán A, Zegura B., 2017. Genotoxic potential of the binary mixture of cyanotoxins Microcystin-LR and cylindrospermopsin. *Chemosphere* 189, 319-329. Q1
- Guzmán-Guillén R, Maisanaba S, Prieto AI, Valderrama-Fernández R, Jos A, Cameán AM. 2017. Changes on cylindrospermopsin concentration and characterization of decomposition products in fish muscle (*Oreochromis niloticus*) by boiling and steaming. *Food Control* 77, 210-220. Q1
- Gutierrez-Praena D, Jos A, Pichardo S, Moreno IM, Cameán AM, 2013. Presence and bioaccumulation of Microcystins and Cylindrospermopsin in food and the effectiveness of some cooking techniques at decreasing their concentrations: a review. *Food Chem. Toxicol.*, 53, 139-152. Q1
- Gutierrez-Praena D, Pichardo S, Jos A, Moreno FJ, Cameán AM. 2012. Biochemical and pathological toxic effects induced by pure Cylindrospermopsin on the human cell line Caco-2. *Water Res.* 46, 1566-1575. Q1

C.2. Research projects and grants

- H2020-BBI-JTI-2019, Ref: 887281. Biocontrol of *Xylella* and its vector in olive trees for integrated pest management. BIOVEXO. Start: 01-05-2020; End: 30-04-2025. Responsible: Stephan Compat (AIT, Austria). Responsible (PI) from US: Ángeles Jos.



- H2020-MSCA-RISE-2018, Ref: 823860. "Cyanotoxins in Irrigation Waters: Surveillance, Risk Assessment, and Innovative Remediation proposals. TOXICROP". H20H20-MSCA- RISE-2018 (Marie Sklodowska-Curie Research and Innovation Staff Exchange). European Union. Start: 01-02-2019; End: 2021. Responsible: Alexander Campos, CIIMAR, Oporto (Portugal). Responsible (PI) from US: Ana M^a Cameán Fernández. Budget (US): 96600 € (Total: 469200 €). Participation: Researcher and chair of Scientific Advisory Committee.
- PID2019-104890-I00 "Seguridad alimentaria de cianotoxinas: caracterización del perfil toxicológico y posibles interacciones". Ministerio de Ciencia e Innovación. Responsibles: IP1: Ángeles Jos; IP2: Ana M^a Cameán. Start: 01-06-2010. End: 31-05-2024. Budget: 235.950€.
- GP/EFSA/AFSCO/2017/08. EFSA's European Food Risk Assessment Fellowship (EU-FORA) Programme. European Food Safety Authority. IP: Ángeles Jos. Start: 01-09-2018 End: 31-08-2019. Budget: 28125,24€.
- AGL2015-64558R "Implicaciones en Seguridad alimentaria de la exposición a Cianotoxinas, Cilindrospermopsina y Microcistinas: evaluación toxicológica". Ministerio de Economía y Competitividad. Responsibles: IP1: Ana M. Caméan Fernández; IP2: Angeles Jos Gallego. Start:01-01-2016. End: 31-12-2019. Budget: 193600 euros.
- AGL2016-81993-REDT "Red de excelencia de nanotecnología y alimentación (FOOD)E-9". Ministerio de Economía, Industria y Competitividad. Responsable: JM Barat (UPV). Start: 2007 End: 2018. Budget: 20.000 euros. Participation: researcher.
- AGR5969 "Desarrollo y evaluación toxicológica de nanomateriales para su aplicación en conservación de alimentos". Proyecto de excelencia. Junta de Andalucía. Responsable: IP: Ángeles Jos. Start: 06/07/2011. End: 30/04/2016. Budget: 202.998,50 Euros.
- P11-AGR-7252. "Desarrollo y evaluación toxicológica de envases activos aptos para contacto alimentario". Proyecto Excelencia del Plan Andaluz de Investigación. Junta de Andalucía. Responsable: Ana M. Cameán Fernández. Start: 26-03-2013 End: 01-09-2017. Budget: 239478,30 Euros. Participation: researcher.
- Cost Action ES1105 "Cyanobacterial blooms and toxins in water resources: Occurrence, impacts and management". COST Association (European Cooperation in Science and Technology). Responsable: Prof. T. Kaloudis (Grecia). Start: 11/04/2012 End: 10/04/2016. Participation: National representative.
- AGL2010-21210 "Desarrollo y evaluación toxicológica de nanoarcillas de aplicación en el envasado de alimentos". Ministerio de Ciencia e Innovación. Responsable: IP: Ángeles Jos. Start: 01/01/2011 End: 30/06/2014. Budget: 121.000 Euros.
- P09-AGR-4672 "Transferencia y bioacumulación de Cilindrospermopsina en pescados de consumo público a escala de laboratorio y evaluación de su toxicidad". Consejería de Economía, Innovación y Ciencia. Junta de Andalucía. Responsable: Ana M. Cameán. Start: 03/02/2010 End: 03/02/2013. Budget: 142320,90 Euros. Participation: Researcher.

C.3. Contracts

- "Ensayo de toxicidad de dosis repetidas oral de 90 días en ratas para determinar la toxicidad de un microalga liofilizada como nuevo alimento". Contract art. 68 y 83 LOU. Company: Fitoplancton Marino SL, PI: Angeles Jos. Start: 28/03/2012, End: 28/01/2013. Amount: 49.459,31 €.
- "Soporte teórico para la clasificación ocular de detergentes Contrato de Investigación y Desarrollo (art. 68 y 83 LOU). Company: PERSAN. PI: Angeles Jos. Start: 3/08/2018, End:2/06/2019. Amount: 3.226,67 €.

C.4. Patents

- Cameán AM, Guzmán Guillén R, Prieto AI, Moreno IM, Jos A, Pichardo S, Puerto M, Gutierrez-Praena D, Maisanaba S, Moyano R, Blanco A. N^o: P201400428. N^o publication: ES2551808. Title: Uso de la vitamina E para proteger a los peces de la intoxicación por cilindrospermopsina. Priority country: Spain. Approval: 05-09-2016. Univ. Sevilla.
- Cameán AM, Vazquez Cueto CM, Guzmán Guillén R, Prieto AI, Moreno IM, Jos A, Pichardo S, Puerto M, Gutierrez-Praena D, Moyano R, Blanco A. N^o: P201201151. N^o publication: ES2460391. Title: Uso de la L-carnitina para proteger a los peces de la intoxicación por



cilindrospermopsina. Priority country: Spain. Date: after approval previous exam: 29-09-2014. Univ. Sevilla.

- Cameán AM, Gutierrez-Praena D, Jos A, Moreno IM, Pichardo S, Prieto AI, Puerto M, Guzmán Guillén R, Moyano R, Blanco A. N°: P201101162. N° Publication. ES2402477. Title: Uso de N-acetilcisteina para proteger a los peces de la intoxicación por cilindrospermopsina. Priority country: Spain. Approval: 04-03-2014. Univ. Sevilla.

- Cameán AM, Atencio LE, Puerto M, Prieto AI, Jos A, Moreno I, Pichardo S, Moyano R, Blanco A. N° Pub. ES2340011, with international extension WO2010061017. Title: Uso de Selenio para proteger a los peces de la intoxicación por microcistinas. Approval: 25-11-2009

- Cameán AM, Puerto M, Prieto AI, Jos A, Moreno I et al., N° Pub. ES2340012, with international extension WO2010061018. Title: Uso de N-acetilcisteina para proteger a los peces de la intoxicación por microcistinas. Approval: 25-11-2009.

C.5. Teaching activity

Full time teaching activity from 2003 until now in different degrees (Pharmacy, Criminology, Biochemistry) in the following courses: Toxicology, Food Safety, Molecular Toxicology, Toxicity of Drugs of abuse, Scientific Police and Forensic Toxicology, and Introduction to Forensic Sciences.

C.6. Direction of scientific works

Director of 8 doctoral theses and 3 ongoing. Supervision of research works in the frame of the PhD Programme (6 Tesinas), 12 TFG and 2 TFM.

C.7. Participation in management and advisory tasks.

- External expert for the National Evaluation and Prospective Agency (ANEP) Spain. 2013, 2014, 2016, 2018.

- External expert for The Agence Nationale de la Recherche (ANR) France. 2017-18.

- Vice-dean of International Mobility and Training placements of the Faculty of Pharmacy (US). 2010-2017.

- Reviewer of plenty of manuscripts submitted to JCR journals.

C.8. Participation in international and national Committees

- Member of the Scientific Committee of the Spanish Food Safety Agency (AESAN) from March 2015, holding the vice-presidency from March 2017 to February 2018.

- Treasurer of the Spanish Association of Toxicology (AETOX) from June 2014 until now.

C.9. Editorial boards

- Member of the Editorial board of the Journal "Revista de Toxicología". ISSN: 02212-7113.

- Guest Co-Editor of 3 special issues in the Journal "Toxins ". ISSN: 2072-6651.

C.10. Awards

- Manuel Losada Villasante award for the excellence in agrofood research in 2003. Sponsored by Foro Interalimentario and Fundación Cajazol.

- Coauthor in several awards obtained by presentation of communications at International Congresses: 2nd award in the XXI Congreso Español and V Iberoamericano (León, June 2015); 1st award for poster communication in Basic Research in Odontology (September 2014)