

CV Date	11/01/2022
---------	------------

## Part A. PERSONAL INFORMATION

First Name	Carlos Pastor Vargas		
Family Name	Carlos Pastor Vargas		
Sex	Male	Date of Birth	30/12/1972
ID number Social Security, Passport			
URL Web	<a href="https://produccioncientifica.ucm.es/investigadores/142498/detalle">https://produccioncientifica.ucm.es/investigadores/142498/detalle</a>		
Email Address	cpasto01@ucm.es		
Open Researcher and Contributor ID (ORCID)	0000-0002-4678-7967		

### A.1. Current position

Job Title	Assistant Professor		
Starting date	2020		
Institution	Universidad Complutense de Madrid		
Department / Centre	Bioquímica y Biología Molecular / Facultad de Ciencias Químicas		
Country		Phone Number	
Keywords			

### A.2. Previous positions (Research Career breaks included)

Period	Job Title / Name of Employer / Country
2020 - 2020	Associate professor / Universidad Complutense de Madrid / Spain
2019 - 2020	Researcher ARADyAL / Fundación Instituto de Investigaciones Sanitarias FJD / Spain
2013 - 2018	Researcher / Fundación IIS-Fundación Jiménez Díaz
2007 - 2010	Postdoctoral position / Universidad Complutense de Madrid
2006 - 2007	Director of Health, Quality and Environment / SIC INGENIEROS, S.L.L / Spain
2005 - 2005	Postdoctoral position in Red Vegetalia / Fundación Jiménez Díaz
2002 - 2004	Postdoctoral position / Fundación Jiménez Díaz
2000 - 2001	Postdoctoral position in a European Project / Fundación Jiménez Díaz
1996 - 1999	Predoctoral / Fundación Jiménez Díaz / Spain

### A.3. Education

Degree/Master/PhD	University / Country	Year
PhD in Chemical Sciences	Universidad Complutense de Madrid / Spain	2000
Certificado de Aptitud Pedagógica	Universidad Complutense de Madrid	1996
Degree in Chemical Sciences	Universidad Complutense de Madrid / Spain	1995

## Part B. CV SUMMARY

## Part C. RELEVANT ACCOMPLISHMENTS

### C.1. Most important publications in national or international peer-reviewed journals, books and conferences

AC: corresponding author. (n<sup>o</sup> x / n<sup>o</sup> y): position / total authors. If applicable, indicate the number of citations

- 1 **Scientific paper.** Betancor, Diana; Gomez-Lopez, Alicia; Villalobos-Vilda, Carlos; et al; Cuesta-Herranz, Javier. 2021. LTP Allergy Follow-Up Study: Development of Allergy to New Plant Foods 10 Years Later NUTRIENTS. MDPI. 13-7. ISSN 2072-6643. WOS (1)
- 2 **Scientific paper.** Yuste-Montalvo, Alma; Fernandez-Bravo, Sergio; Oliva, Tamara; et al; Esteban, Vanesa. 2021. Proteomic and Biological Analysis of an In Vitro Human Endothelial System in Response to Drug Anaphylaxis FRONTIERS IN IMMUNOLOGY. FRONTIERS MEDIA SA. 12. ISSN 1664-3224. WOS (1)
- 3 **Scientific paper.** Bueno-Diaz, Cristina; Martin-Pedraza, Laura; Parron, Jorge; Cuesta-Herranz, Javier; Cabanillas, Beatriz; Pastor-Vargas, Carlos; Batanero, Eva; Villalba, Mayte. 2021. Characterization of Relevant Biomarkers for the Diagnosis of Food Allergies: An Overview of the 2S Albumin Family FOODS. MDPI. 10-6. ISSN 2304-8158. WOS (0)
- 4 **Scientific paper.** Villalobos V.; Rial M.J.; Pastor-Vargas C.; Esteban I.; Cuesta J.; Sastre J.2020. Occupational asthma and rhinitis due to yellow and red henna in a hairdresser Journal of Investigational Allergology and Clinical Immunology. 30, pp.133-134. ISSN 10189068. <https://doi.org/10.18176/jiaci.0453>
- 5 **Scientific paper.** Betancor D; Nuñez-Borque E; Cuesta-Herranz J; Escudero C; Freundt N; Pastor-Vargas C; Ibañez MD. 2020. Porin: A New Button Mushroom (Agaricus bisporus) Allergen.Journal of investigational allergology & clinical immunology. 30, pp.135-136. ISSN 1018-9068. <https://doi.org/10.18176/jiaci.0454>
- 6 **Scientific paper.** González-Mancebo E; Trujillo-Trujillo MJ; Gandolfo-Cano M; Mohedano-Vicente E; Cuesta-Herranz J; Bartolome B; Pastor-Vargas C. 2019. Actin Allergen of Common Periwinkle Sea Snail (Littorina littorea).Journal of investigational allergology & clinical immunology. 29, pp.150-152. ISSN 1018-9068. <https://doi.org/10.18176/jiaci.0356>
- 7 **Scientific paper.** Barbarroja-Escudero J; Sánchez-González MJ; Bartolomé B; Pastor-Vargas C; Rodríguez-Rodríguez M; Cuesta-Herranz J; Alvarez-Mon M. 2019. Actin as a Possible Cross-Reactive Allergen Between Fish and Poultry.Journal of investigational allergology & clinical immunology. 29, pp.152-154. ISSN 1018-9068. <https://doi.org/10.18176/jiaci.0357>
- 8 **Scientific paper.** Cosme J; Spínola-Santos A; Bartolomé B; Pastor-Vargas C; Branco-Ferreira M; Pereira-Santos MC; Pereira-Barbosa M. 2019. Salmon Roe as an Emerging Allergen in Western Countries.Journal of investigational allergology & clinical immunology. 29, pp.139-141. ISSN 1018-9068. <https://doi.org/10.18176/jiaci.0347>
- 9 **Scientific paper.** San Segundo-Acosta, Pablo; Oeo-Santos, Carmen; Benede, Sara; et al; Barderas, Rodrigo. 2019. Delineation of the Olive Pollen Proteome and Its Allergome Unmasks Cyclophilin as a Relevant Cross-Reactive Allergen JOURNAL OF PROTEOME RESEARCH. 18. ISSN 1535-3893. WOS (3) <https://doi.org/10.1021/acs.jproteome.9b00167>
- 10 **Scientific paper.** Jorge Rial, Manuel; Valverde-Monge, Marcela; Gomez-Cardenosa, Aida; Vera-Berrios, Rosialzhira; Pastor-Vargas, Carlos; Cuesta-Herranz, Javier. 2019. Desensitization to cross-reacting allergen in egg yolk and chicken meat JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY-IN PRACTICE. 7. ISSN 2213-2198. <https://doi.org/10.1016/j.jaip.2018.09.019>
- 11 **Scientific paper.** Gandolfo-Cano, M.; Gonzalez-de-Olano, D.; Gonzalez-Mancebo, E.; Mohedano-Vicente, E.; Pastor-Vargas, C.; Bartolome-Zavala, B.2018. Cross-reactivity Between nsLTPs From Cucurbitaceae Peels JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY. 28-1, pp.65-66. ISSN 1018-9068. WOS (0)
- 12 **Scientific paper.** Gamboa, P. M.; Bartolome, B.; Garcia Lirio, E.; Cuesta-Herranz, J.; Pastor-Vargas, C.2018. Aldolase A new Crustacea allergen ANNALS OF ALLERGY ASTHMA & IMMUNOLOGY. 121. ISSN 1081-1206. <https://doi.org/10.1016/j.anai.2018.04.025>

- 13 **Scientific paper.** Gonzalez-de-Olano, D.; Barra-Castro, A.; Riano-Avanzini, T.; Pastor-Vargas, C.; Bartolome, B. 2018. Allergy to a Garlic Lectin in an Infant After the First Intake: Difficulties Identifying the Route of Sensitization JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY. 28. ISSN 1018-9068. <https://doi.org/10.18176/jiaci.0245>
- 14 **Scientific paper.** Gehlhaar, Patricia; Gonzalez-de-Olano, David; Madrigal-Burgaleta, Ricardo; Bartolome, Borja; Pastor-Vargas, Carlos. 2018. Allergy to ginger with cysteine proteinase GP-I as the relevant allergen ANNALS OF ALLERGY ASTHMA & IMMUNOLOGY. 121. ISSN 1081-1206. <https://doi.org/10.1016/j.anai.2018.07.013>
- 15 **Scientific paper.** Valverde-Monge, M.; Pastor-Vargas, C.; Rodriguez del Rio, P.; Escudero, C.; Sanchez-Garcia, S.; Mendez Brea, P.; Ibanez, M. D. 2018. Anaphylaxis by exclusive allergy to swordfish and identification of a new fish allergen PEDIATRIC ALLERGY AND IMMUNOLOGY. 29. ISSN 0905-6157. <https://doi.org/10.1111/pai.12916>
- 16 **Scientific paper.** Fernandez-Garcia, Carlos-Ernesto; Roldan-Montero, Raquel; Tarin, Carlos; Martinez-Lopez, Diego; Pastor-Vargas, Carlos; Blanco-Colio, Luis-Miguel; Martin-Ventura, Jose-Luis. 2018. Lipocalin-2, a potential therapeutic target in advanced atherosclerosis ATHEROSCLEROSIS. 278. ISSN 0021-9150. <https://doi.org/10.1016/j.atherosclerosis.2018.07.036>
- 17 **Scientific paper.** Gonzalez-de-Olano, David; Gandolfo-Cano, Mar; de-Calzada-Bustingorri, Maria P.; Gonzalez-Mancebo, Eloina; de-Andres-Martin, Ana; Cuesta-Herranz, Javier; Bartolome-Zavala, Borja; Pastor-Vargas, Carlos. 2018. Prevalence of allergy to human seminal fluid among women with allergy to male dog and sensitization to Can f 5 CLINICAL AND EXPERIMENTAL ALLERGY. 48. ISSN 0954-7894. <https://doi.org/10.1111/cea.13226>
- 18 **Scientific paper.** Ballesteros-Martinez, Constanza; Mendez-Barbero, Nerea; Montalvo-Yuste, Alma; et al; Esteban, Vanesa. 2017. Endothelial Regulator of Calcineurin 1 Promotes Barrier Integrity and Modulates Histamine-Induced Barrier Dysfunction in Anaphylaxis FRONTIERS IN IMMUNOLOGY. FRONTIERS MEDIA SA. 8. ISSN 1664-3224. WOS (0)
- 19 **Scientific paper.** Haroun-Diaz, Elisa; Azofra, Julian; Gonzalez-Mancebo, Eloina; et al; Cuesta-Herranz, Javier. 2017. Nut Allergy in Two Different Areas of Spain: Differences in Clinical and Molecular Pattern NUTRIENTS. MDPI AG. 9-8. ISSN 2072-6643. WOS (2)
- 20 **Scientific paper.** Azofra, J.; Echechipia, S.; Irazabal, B.; et al; Pastor-Vargas, C. 2017. Heterogeneity in Allergy to Mollusks: A Clinical-Immunological Study in a Population From the North of Spain JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY. ESMON PUBLICIDAD S A. 27-4, pp.252-260. ISSN 1018-9068. WOS (0)
- 21 **Scientific paper.** El-Qutob, D.; Bartolome, B.; Cuesta, J.; Mir, A.; Alberola, A.; Pastor-Vargas, C. 2017. Identification of a Lipid Transfer Protein as a New Allergen From Morus alba Pollen JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY. 27-4, pp.263-265. ISSN 1018-9068. WOS (0)
- 22 **Scientific paper.** Muñoz García, E.; Luengo Sánchez, O.; Moreno Pérez, N.; Cuesta Herranz, J.; Pastor Vargas, C.; Cardona, V. 2017. Lettuce Allergy Is a Lipid Transfer Syndrome-Related Food Allergy With a High Risk of Severe Reactions. Journal of investigational allergology & clinical immunology. 27-2, pp.98-103. ISSN 1018-9068.
- 23 **Scientific paper.** Larco-Rojas, X.; Gonzalez-Gutierrez, M. L.; Vazquez-Cortes, S.; Bartolome, B.; Pastor-Vargas, C.; Fernandez-Rivas, M. 2017. Occupational Asthma and Urticaria in a Fishmonger Due to Creatine Kinase, a Cross-Reactive Fish Allergen JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY. 27. ISSN 1018-9068. WOS (3) <https://doi.org/10.18176/jiaci.0195>
- 24 **Book chapter.** Cases, B.; Pastor Vargas, C.; Perez Gordo, M. 2017. Allergen Extraction and Purification from Natural Products: Main Chromatographic Techniques. Methods in molecular biology (Clifton, N.J.). 1592, pp.13-22. ISSN 1940-6029.
- 25 **Book chapter.** Cases B; Pastor-Vargas C; Perez-Gordo M. 2017. Allergen Extraction and Purification from Natural Products: Main Chromatographic Techniques. Food Allergens: Methods and Protocols. Jing Lin and Marcos Alcocer (eds.),. Humana Press, Totowa, NJ.. 1592, pp.13-22. [https://doi.org/DOI 10.1007/978-1-4939-6925-8\\_2](https://doi.org/DOI 10.1007/978-1-4939-6925-8_2)

- 26 **Editorial.** Pastor-Vargas, Carlos; Esteban, Vanesa. 2018. Editorial: New insights in anaphylaxis FRONTIERS IN IMMUNOLOGY. 9. ISSN 1664-3224. WOS (0)
- 27 Solorzano-Zepeda, Cristiana; Perez-Allegue, Isabel; Pastor-Vargas, Carlos; Bartolome-Zavala, Borja; Gonzalez-de-Olano, David. 2021. Allergy to orange with cystatine-like protein as one of its allergens ANNALS OF ALLERGY ASTHMA & IMMUNOLOGY. 127-2, pp.266-267. ISSN 1081-1206, ISSN 1534-4436. WOS (0)
- 28 Nunez-Borque, Emilio; Fernandez-Bravo, Sergio; Pastor-Vargas, Carlos; et al; Esteban, Vanesa. 2021. Proteomic profile of extracellular vesicles in anaphylaxis and their role in vascular permeability ALLERGY. 76-7, pp.2276-2279. ISSN 0105-4538, ISSN 1398-9995. WOS (1)
- 29 Betancor, D.; Nunez-Borque, E.; Esteban, V; Bueno-Diaz, C.; de las Heras, Gozalo M.; Pastor-Vargas, C.; Cuesta-Herranz, J.2021. Reverse Takotsubo Cardiomyopathy (rTTC) After a Severe Episode of Almond-Dependent, ExerciseInduced Anaphylaxis JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY. 31-3, pp.253-254. ISSN 1018-9068, ISSN 1698-0808. WOS (0)
- 30 Bueno-Diaz, Cristina; Martin-Pedraza, Laura; Leon, Laura; et al; Villalba, Mayte. 2020. 2S albumins and 11S globulins, two storage proteins involved in pumpkin seeds allergy ALLERGY. 76-1, pp.383-386. ISSN 0105-4538, ISSN 1398-9995. WOS (3)
- 31 Rial Prado, M. J.; Batolome, B.; Pastor, C.; Cuesta, J.; Parra, A.2017. Troponin as a Cause of Hypersensitivity to Barnacle JOURNAL OF INVESTIGATIONAL ALLERGOLOGY AND CLINICAL IMMUNOLOGY. 27-3, pp.194-195. ISSN 1018-9068. WOS (0)

### C.3. Research projects and contracts

- 1 **Project.** Alérgenos y eje intestino-pulmón: Nuevas aproximaciones al diagnóstico y tratamiento de la alergia. (Universidad Complutense de Madrid). 01/06/2021-31/05/2024.
- 2 **Project.** TERANOSTICA DE LAS VNPS PARA LAS ALERGIA ALIMENTARIAS. Comunidad de Madrid. (Fundación IIS-FJD). 01/01/2019-31/12/2022. 891.925 €.
- 3 **Project.** ASMA, REACCIONES ADVERSAS Y ALÉRGICAS (ARADYAL). (Fundacion IIS-FJD). 01/01/2017-31/12/2021. 111.375 €.
- 4 **Project.** PT17/0019/0012, PLATAFORMA DE RECURSOS BIOMOLECULARES (PRB3). Instituto de Salud Carlos III. (FUNDACIÓN IIS-FJD). 01/01/2018-31/12/2020. Team member.
- 5 **Project.** Identificación de nuevos patrones de señalización molecular en anafilaxia. Papel de los exosomas en la comunicación intercelular implicada en anafilaxia.. (Fundacion IIS-FJD). 01/01/2017-31/12/2019. 80.000 €.
- 6 **Contract.** SÍNTESIS DE ANTICUERPOS POLICLONALES EN CONEJO BIOMEDAL, S.L.. 01/05/2021-01/09/2031.