CURRICULUM VITAE ABREVIADO (CVA)

Part A. PERSONAL INFORMATION

Date of the CVA	16-01-2026

First name	Narcisa		
Family name	Martínez Quiles		
Gender (*)	Female	Birth date	
ID number			
e-mail	Narcisa-quiles@med.ucm.es	URL Web	
Open Researcher and Contributor ID (ORCID) (*)		0000-0002-0366-6591	

(*) Mandatory

A.1. Current position

Position	Full Professor (Catedrática en Inmunología)		
Initial date	25/04/2024		
Institution	Universidad Complutense de Madrid		
Department/Center	Immunology, OFT-ENT	Faculty of Medicine	
Country	Spain	Teleph. number	913947431
Key words			

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

Period	Position/Institution/Country/ Interruption cause
15/11/2016-	Tenured Professor- Civil Servant Professor (Prof.Titular)/ Complutense
2009 – 2016	Tenured Professor (Profesor Contratado Doctor)/ Complutense Univ./ Spain
2004 – 2009	“Ramón y Cajal” Researcher/ Complutense Univ./ Spain
2002- 2004	Instructor/ Research Associate/ Harvard University/ USA
1997-2002	Post-doctoral Fellow (MEC, and contracts)/ Harvard University/ USA
1996	Predoctoral Fellow FIS/ “12 de Octubre” Hospital (Health Ministry)/ Spain
1992-1995	Resident BIR/ Hospital “12 de Octubre” (Health Ministry)/ Spain

A.3. Education

PhD, Licensed, Graduate	University/Country	Year
Specialist in Immunology	Residency Program (1992-1995), Hospital “12 de Octubre”, Ministry of Health/Spain	2004
Ph.D.	Hosp “12 de Octubre”, Complutense Univ./Spain	1997
Licenciatura (Grade + Master)	Autónoma University (UAM)/ Spain	1989

Part B. Part B. CV SUMMARY *(max. 5000 characters, including spaces)*

Narcisa Martínez Quiles is a full professor and a Certified Immunologist (Health Ministry), with 5 Research periods (Sexenios, 2021), 1 Transfer Sexenio (2017), and 15 years of teaching experience (3 quinquenios, 2021). She has directed 3 Ph.D. students (2 with international mention) and authored 3 book chapters and 43 publications. Publication Ranking: D1 (14). 19 Q1 (34); 17 first or last/corresponding. Among them: Nature Cell Biol (first author, Postdoc.) Plos Pathogens (PI, corresponding); Cell Host and Microbe (Collaboration). Total citations: 1467. H index 18.

Residency and Predoctoral Period. Scored 4/629 in a national exam for the Biologist Intern Residency program, and published 11 papers (7 in D1), such as a J Immunol. (1st author), where, an “C4A and C4B antigenic dogma” was broken. She Obtained 2 postdoctoral fellowships (a FIS to finish the Ph.D., a MEC for post-doc mobility).

Postdoctoral Period (Raif S. Geha Lab., Immunol. Div., Children´s Hosp. Harvard Medical School). She studied the Wiskott-Aldrich syndrome and lead the setting-up of refined techniques (microinjection, microscopy), introduced new lines (cortactin) and collaborations (WAVE, Verprolin). She obtained high quality results published in Nature Cell Biology y Mol Cel Biol. In those, WIP was described as a regulator of filopodia through N-WASP-Cdc-42 pathway, implicated in many immunological processes.

Another study connects the two families of actin nucleators (WASPs, Cortactin), and proposes a model of regulation by phosphorylation. It has been reviewed (PMID 5817388, 15670811, 21655441), and applied to other pathways (adhesion, invadopodia PMID: 18768925, 17343955, actin polymerization 17606906, 21079800). In recognition, she obtained **Awards:** the New Investigators award (Clinical Immunology Society), Paul A. Dobuler Fund Prize and the Children´s Hospital award.

PI Period. After scoring 5th at the national Biomedicine committee, she joined the University Complutense with a prestigious 5-year "Ramón y Cajal" contract (Sept. 2004, Microbiology Dpt., Farmacia) with the aim of perfecting her skills in Host/ Pathogen interaction models (EPEC). As P.I. she attained a prestigious **Marie Curie International Reintegration grant** (2006-8), and a FIS grant (2007-9). She established novel lines of research focusing on Cortactin. She was evaluated as an I3 remarkable researcher (Science Ministry). She obtained a 2nd FIS small grant (2010-2; 54.000€) and publishes 10 articles, 5 as corresponding author, including a prestigious Plos Pathogens (D1) and a Cell Host and Microbe (D1, collaboration). The team made important discoveries about the mechanism of cell adhesion by the pathogenic bacteria EPEC, dissecting cortactin contribution and describing the first host inhibitory protein of the major pathway governed by the Nck adaptor. Together the findings help to reinterpret the functions of Nck. In addition, a new cortactin-FAK-β1 integrin pathway was described in cell adhesion and Helicobacter infection, which is relevant for cancer (PMID 22378044).

In recognition, she was invited to the WP7 Marie Curie actions closure meeting and distinguished as a "successful career progression" in From Face to Face (doi: 10.2777/87638). Despite the recognition and good ratio funding/productivity level, she endured a 5 years without funding (2013-7). The researcher persisted and in 2018 started a new grant period as PI (SAF2017-82967-R) and obtained a Fulbright-MEC 6-months scholarship to visit the NIH.

The researcher has acquired international recognition, as proven by the multidisciplinary international collaborations established: Walter Beron/ Coxiella, Ana Cárdenas/ exocytosis, Stefen Backert/ Helicobacter, Albert Selva/ Myasthenia-Myositis. She joined-in editorial committee, is a reviewer and collaborates with certification companies. She is a member of scientific forums (Cytoskeleton European Forum, Marie Curie), participates actively in the promotion of science to society (SEI ambassador). She has been the tutor of students: 12 Master Thesis, 6 graduate thesis, 4 rotation technicians, and under contract personnel, and has directed 3 Ph.D. students; contributing to their career progression. To end, the researcher has had an outstanding career path as Harvard Fellow e Instructor, Ramón y Cajal-I3 researcher, Marie Curie grantee, and Fulbright Scholar, and she has demonstrated that with the appropriate grant support she can be an excellent researcher.

In 2021, she joined a COVID initiative at the UCM, since then, she has focused on Post-COVID research and joined in the networks: *Plataforma Temática Interdisciplinar (PTI) Salud Global CSIC* and REICOP Red Española de Investigación en COVID persistente. She is currently directing 2 predoctoral fellows (Biomedicine Program UCM) funded by the Chinese Scholarship Council to Zhiwen Hai, and Weihua Yan to work on post-COVID syndrome.

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

C.1. Publications *(see instructions)*

- Increased secretory IgA and consumption of complement component 3 in Post-COVID syndrome patients. Z H., W Yang, others and Martinez-Quiles N (corresponding). **In preparation**.
- Lactate-Sensitive Nanomachines for Enzyme-Controlled. Drug Delivery in Cancer Therapy. Marta González-Jiménez, 6 authors, Narcisa Martínez-Quiles, Diana Vilela and Reynaldo Villalonga. **Submitted**: Journal of Mat Chem B, Royal Society of Chemistry. TB-ART-01-2026-000119.

1) Rossi N, Benítez-Cruz J, Marín-García P, Azcárate IG, González-Escalada A, Hervás OG, Alarcón B, Regueiro JR, Bautista JM, **Martinez-Quiles N**. Post-COVID syndrome patients show reduced anti-Spike antibodies compared to COVID-recovered controls, but enhanced IgG4/IgG1 switch after the third vaccine dose. Front Immunol. 2025 Oct 2;16:1670324. doi: 10.3389/fimmu.2025.1670324. PMID: 41112288; CA 10/10. Rank (Immunol. 34/183): Q1, IF (JCR 2024). 5.9. Cited (WOS): .

2) Mayol B, García-Díez E, Hoppe A, Espejo L, Muñoz M, González M, Villalonga A, Moreno T, Sánchez A, Vilela D, **Martinez-Quiles N**, Martínez-Ruíz P, Villalonga R. A novel Janus nanomachine based on mesoporous silica nanoparticles anisotropically modified with PAMAM dendrimers for enzyme-controlled drug delivery. Nanoscale. 2025 Mar 28;17(13):8183-8191. doi: 10.1039/d4nr03740e. PMID: 40062393. Authors 11/13, IF (JCR 2024): 5, Rank (67/337): Q2, Cites: 5.

3) Tur-Gracia S and **Martínez-Quiles N.** 2021. Evolving functions of actin-binding proteins in immune diseases. J Cell Sci. Feb 8;134(3):jcs253534. doi: 10.1242/jcs.253534. PMID: 33558442. IF (JCR 2021): 5.235. Rank (87/192 Cell Biology): Q2. CA 2/2. Cited (WOS): 25.
4) Mohamed-Salem R, Rodríguez Fernández C, Nieto-Pelegrín E, Conde-Valentín B, Rumbero A, **Martinez-Quiles N**. 2019. Aqueous extract of *Hibiscus sabdariffa* inhibits pedestal induction by enteropathogenic *E. coli* and promotes bacterial filamentation *in vitro*. PLoS One.;14(3):e0213580. doi: 10.1371/journal.pone.0213580. PMID: 30849110. IF (JCR 2019): 2.740. Rank (Multdis. Sciences 27/71): Q2. CA 6/6, Cited (WOS): 13. On the News.
5) Martinez-Quiles N and Goldbach-Mansky R. Updates on Autoinflammatory diseases. Current Opinions in Immunology. 2018;55:97-105. doi:10.1016/j.coi.2018.09.014. IF (JCR 2018): 7.66. Rank (Immunology 16/158): Q1. Author 1/2, Cited (WOS): 25.
6) Nieto-Pelegrín E, Kenny B and Martinez-Quiles N. 2014. Nck adaptors, besides promoting N-WASP mediated actin-nucleation activity at pedestals, influence the cellular levels of enteropathogenic *Escherichia coli* Tir effector. Cell Adh Migr.;8(4):404-17. PMID: 25482634; IF (JCR 2014): 4.505. Ranking: (59/184 Cell Biology). Q2. doi: 10.4161/19336918.2014.969993. CA 3/3 Cited (WOS): 12.
7) Nieto-Pelegrín E, Meiler E, Martín-Villa JM, Benito-León M and Martinez-Quiles N. 2014. Crk adaptors negatively regulate actin polymerization in pedestals formed by enteropathogenic *Escherichia coli* (EPEC) by binding to Tir effector. PLoS Pathog. 10(3):e1004022. doi: 10.1371/journal.ppat.1004022. IF (JCR 2013): 8.057. Ranking: (10/116 Microbiology.). D1 and Q1. CA 5/5 Cited (WOS): 11. On the news: OTRI-UCM, RedescubreUCM, Madrid i+d and SEI.
8) Nieto-Pelegrin E, **Martinez-Quiles N**. Distinct phosphorylation requirements regulate cortactin activation by Tir_{EPEC} and its binding to N-WASP. Cell Commun Signal. 2009 May 6;7:11. doi: 10.1186/1478-811X-7-11. PMID: 19419567. IF (JCR 2011): 5.5. Ranking: (42/181 Cell Biology). Q1. CA 2/2 Cited (WOS): 26.
9) Martinez-Quiles N, Ho HY, Kirschner MW, Ramesh N, Geha RS. Erk/Src phosphorylation of cortactin acts as a switch on-switch off mechanism that controls its ability to activate N-WASP. Mol Cell Biol. 2004 Jun;24(12):5269-80. doi: 10.1128/MCB.24.12.5269-5280.2004. PMID: 15169891. IF (JCR 2004): 7.822. Ranking: (4/114 Cell Biology). Q1, D1. Authors 1/5 Cited (WOS): 299.
10) Martinez-Quiles N, Rohatgi R, Antón IM, et al and Ramesh N. WIP regulates N-WASP-mediated actin polymerization and filopodium formation. Nat Cell Biol. 2001 May;3(5):484-91. doi:10.1038/35074551. PMID: 11331876. IF (JCR 2001): 21.944. Ranking: (4/147 Cell Biology). Q1, D1. Authors1/11 Cited (WOS): 271.

C.2. Congress

1) Plenary conference "COVID persistente". XII SICAM congress (Immunology Society from Comunidad de Madrid). Invitation of AMACOP patient organization. Madrid 27-28 Sept 2024.
2) Poster: Caracterización de una cohorte de pacientes de la Comunidad de Madrid con Covid Persistente. Javier Benítez de la Cruz, N Rossi, P. M.García, I G Azcárate, A González-Escalada, JR Regueiro, Amalia Buitrago, JM Bautista Narcisa Martinez-Quiles. XII SICAM congress. Madrid.
3) Invited international plenary conference "Immunogenetics of Autoinflammatory Diseases". XVI Colombian Congress and X International Congress Human Genetics. Online, 2021-10-15.
4) Poster. 6th European Congress of Immunology (ECI). "Study of HS1 by Tyrosine Phosphorylation". Silva I, Santos AM, Cano K, and Martinez-Quiles N. Online. 2021(1-4 Sept).
5) 2 Posters "42 Congreso de la Spanish Immunology Society (SEI)" Online. 2021 (25-27 March).
6) Poster. 4th European Congress of Immunology (ECI 2015). M. BenitoLeón, I. MongeLobo, A. SelvaO'Callaghan, et and N. MartínezQuiles. "Molecular characterisation of cortactin autoantigen in myasthenia gravis and autoimmune myositis patients". Vienna (Austria). 2015 (6-9 Sept.)
7) Poster. Nieto-Pelegrin E, Kenny B and Martinez-Quiles N. Nck adaptors, besides promoting N-WASP mediated actin-nucleation activity at pedestals, influence the cellular levels of EPEC coli Tir effector. BIT's 4th Annual World Congress Microbes-2014. Dalian (China). Online2014 (26-29 June).
8) Selected oral communication Martínez-Quiles N. Role of Crk adaptor proteins in actin pedestals formed by EPEC. Biomicroworld, V International Conference on Environmental, Industrial and Applied Microbiology. Madrid, Spain. 2013 (2-4 Oct.)
9) Poster. Mohamed R, Conde Valentín B, Nieto-Pelegrín E, Rumbero A, Martínez-Quiles N, Rodríguez Fernández C. A new natural herbal extract with antimicrobial activity against EPEC. XXIV Congreso de Microbiología. SEM 2013. L´Hospitalet de Llobregat (Spain). 2013 (10-13 Julio).

10) Selected oral communication. Meiler E, Nieto-Pelegrín E y Martínez-Quiles N. A New Phosphorylation/Acetylation Switch in the Regulation of Cortactin and its Role in Cell Spreading. 22nd IUBMB & 37th FEBS Congress (SEBBM). Sevilla (España). 2012 (4-9 Sept).

C.3. Research projects

1) COVID-19 prevention in the Madrid Community (ANTICIPA-CM UCM), 2021-2023, Direct initiative in the UCM. Coordinator JM Bautista. Team member (co-ordinator Regueiro (176.000€)). ES F REACT-UE/ Programa Operativo Madrid 2014-2020.
2) A new inhibitory mechanism of actin polymerization. Ref SAF 2017-82967-R. Duration: 3 years 01/01/2018 - 30/09/2021. **MINECO-Retos**. 108.900,00 €. IP: NMQ. 2 publications pending.
3) New inhibitory mechanisms of immune cell migration. Ref PR26/16-20256. Duration: 1 year 22/12/2016 - 21/12/2017. Santander Bank - UCM. 7.000 €. IP: NMQ.
4) Signal transduction to the cytoskeleton UCM 970629 research group. Project Banco Santander-UCM (Ref: GR3/14).1 year 21/11/ 2014 -20 /11/2015. 803,74 €. IP: NMQ.
5) Study of the regulation and signal transduction pathways of the oncogenic protein Cortactin during cell and bacterial motility. FIS PI09/00080. 3 years 01/01/2010 - 31/12/2012. 69.575 €. IP: NMQ.
6) Study of Cortactin protein: an oncogen manipulated during bacterial motility. ISCIII. Ref: FIS. PI060004**.** 3 years. 01/01/2007 - 31/12/2009. 113,740 €. IP: NMQ
7) "Cortactin signalling and actin dynamics control in cell migration and bacterial invasion". European Union. Marie Curie International Reintegration Grant, FP6-2004-Mobility-12. Ref CT-2005-028995. Jan 2006 Dec 2007 80.000 €. IP: NMQ
8) Estudio de la implicación de la proteína Cortactina en la invasión y ciclo celular de E. Coli enteropatogénica: Univ. Complutense de Madrid. 1 year Jan- Dec 2005-Dec. 5.000 €. IP: NMQ
9-10) Participant as a Post-doc in project by Raif S. Geha NIH/2P01HL059561, NIH/5P01AI35714

C.4. Contracts, technological or transfer merits

1) Contract by the *Program Investigo* Spanish Ministry of Labor. European plan Recovery, Transformation and Resilience, Ref. CT58/23-INVM-21. Oct-2023-1year. PI: NMQ. Javier Benitez.
2) Contrat predoctoral "Young employment" CM/ESF Ref. PEJD-2018-PRE/BMD-8403. IP: NMQ.
3) Contract Post-doctoral "Young employment" in i+d+i. CM/European Social Funds. Ref. CT4/17/CT5/17/PEJD-2016/BMD-2475. 07/04/2017, 3 months). IP: NMQ.
4) 3 Contract (convenios) for tutoring Ciclo Formativo Technicians (4 students, 370 hours each).
5) Fellowship contract: Predoctoral Contract, Eugenia Meiler Rodríguez. Beca FPU Ministerio de Educación. Ref. AP2009-1529. 2010/01/11 To 2014/01/14. Predoctoral Contract. Reda Mohamed Salem. Beca Predoctoral FPI (BES-2008-009174). 2011/03/25 to 2013/05/26. Predoctoral Contract (Elvira Nieto Pelegrin): Beca Predoctoral UCM 2008. 2009/01/01 to 2012/12/30
6) Contract FECYT-UCM. Precipita collaboration. PR47/15-19739. 2.229,56 €
7) Transfer to society activities. Examples:

- 2023-07-25. Anticipa-CM-UCM in the New Medical Economics. Link.
- 9 articles at "The conversation" (immunological subjects) with **181 436 reads** (2026-01-16).
- 14-7- 2021 Will we remain protected when the antibody titers against coronavirus decrease?
  17-01-2021 Will I continue to be protected if there are new coronavirus variants?
- 12-11-2021 Participant in the Campaign #STEMitas (American Consulate in Madrid)
- 26-7-2021 "Everything about the vaccines against the COVID-19 pandemic" APPLE PodCast, DUPAO.news Program Culturizando de un Punto a Otro, Episode 45 (Miami, USA).
- 11-02-2021. Participant as Immunologist in the Especial program in Radio Nacional (RNE) "A hombros de Gigantes" "Science agaisnt the COVID-19".
- 22-04-2020. Online Talk Immune response to SARS-CoV-2. Spanish Fulbright Association

8) 2015-18 Participant on educational innovation project, led by Prof. Alfredo Corell. XI MEDES 2018 Award by the Lilly Foundation. Director of Innovation Project (Innova-UCM) and participant.
9) International and National Grant/ Fellowship evaluator: 2022 Agencia Valenciana; 2021; Romanian Res. Program; 2020 Welcome Trust/DBT India Alliance; 2020- Spanish Research agency (AEI). Journal Editorial Board member and reviewer: 2022- Front Imm, Plos One (2019 - 2024), etc.
10) Member of the SICAM directive committee 2023-, SEI ambassador (GESEI) 2022-

C.5. Awards and distinctions: 2018 **Fulbright Scholarship**. Selected by the Fullbright commision US Education dept. Others award mentioned before.

C.6. Shor term visit 2018 (6 months) to the NIH (NIAID, USA) Autoinflamatory disease Unit. Spanish Ministry of education Program for senior Professors and Fulbright comission.

C7. Lenguages. C2 level in English. Oficial Cambridge certificate "**Proficiency in English** "(2016)
C8. Other. Book Chapters (3 in total): N. Martínez-Quiles. SH proteins and cytoskeletal signaling. Book 'SH Domains: Structure, Mechanisms', and Applications', edited by N. Kurochkina. 2015. Editorial: Springer. Heidelberg. ISBN 978-3-319-20097-2. DOI: 10.1007/978-3-319-20098-9_9.

Teaching Activities

- First experience teaching was as a Tutor in the "Course in Immunology, Microbiology and Infection Diseases (IMID)". Department of Paediatrics, **Harvard Medical School (Harvard University).** Boston (USA). April-June 2004 (30 credits). Coordinator: Prof. Arlene Sharpe. Invitation to participate in the 2005-6 academic year.
- Currently, I have fulfilled 3 Periods of 5 years of teaching officially recognized by Complutense University (Quinquenios, last 2021).

✓ Teaching and other Training Courses Received

- 2015. Course on teaching innovation. *Cum Laude School* (8 hours). Madrid. 26 Sept 2015.
- 2016. Official Cambridge Proficiency in English Certificate (C2 European level) (75 hours). CSIM-UCM. 2016.
- 2016. Communications Strategies for English-Medium Instructions in the International University. Intercom Course UCM (20 hours). CSIM-UCM. 20-24 June 2016.
- 2017. "Flipped learning in higher Education" (20 hours). UCM. September 2017.
- 2021. Microsoft Teams (3 h). UCM, online. March 21, 2021.
- 2021. Tools for improving the dynamics in the classroom (20 hours). UCM. June 2021.
- 2024. *Fundamental Aspects in Sustainability* (Aspectos Fundamentales de la Sostenibilidad Ambiental). Plan de formación integral PDI UCM. Feb 2024 (10 h).
- 2026 Desinformación y fake news en el aula. Taller de factchecking. Desinformation and fake news in the classroom. Fact-checking hands-on course. UCM. January to Feb (10 H)

Teaching activity		
	Courses	**Academic Year**
1	**Immunology, Microbiology and Infection Diseases (IMID (Harvard Medical School, Harvard University). Tutorial classes.**	2003-4
2	Prácticas de MICROBIOLOGÍA GENERAL (100053-219, 3er curso Licenciatura Farmacia)	2005-2006 to 2011-12
3	Prácticas de FUNDAMENTOS Y TÉCNICAS INMUNOLÓGICAS (FYTI) (100050, 2º curso de la Licenciatura de farmacia)	2007-8 to 2010-11
	Teoría de FUNDAMENTOS Y TÉCNICAS INMUNOLÓGICAS (100050, 2º curso de la Licenciatura de farmacia).	2009-10 and 2010-11
4	Prácticas de INMUNOLOGÍA (803513; 2º Curso del Grado en Farmacia).	2011-12
	Teoría de la asignatura INMUNOLOGÍA (803513, 2º curso del Grado de Farmacia).	2011-12
	Doctorado en Microbiología y Parasitología	
5	BASES MOLECULARES DE LA PATOGÉNESIS MICROBIANA	2006-7, 2007-8, 2008-9
6	FUNDAMENTOS DE INVESTIGACIÓN EN MICROBIOLOGÍA	2009-10
	Master de Microbiología y Parasitología: Investigación y Desarrollo	
7	DISEÑO EXPERIMENTAL Y METODOLOGÍA DE LA INVESTIGACIÓN (603660)	2010-11
8	SEMINARIOS EN INVESTIGACIÓN (603673)	2010-11
9	BASES MOLECULARES DE LA PATOGENIA Y TERAPIA ANTIMICROBIANA Y ANTIPARASITARIA (603666)	2010-11 to 2011-12
10	SEÑALIZACIÓN CELULAR (603670)	2010-11 to 2011-12

11	Tutorización de alumnos TFM	
	Doctorado en Inmunología Médica (mención de calidad por la ANECA (ref mcd-2003 00886)	
12	INMUNODEFICIENCIAS CONGÉNITAS	2006-7 to 2008-9
13	TEMAS DE INVESTIGACIÓN EN INMUNOLOGÍA (700561)	2006-7
	Máster Universitario en Virología. Facultad de Veterinaria	
14	MÉTODOS DE ESTUDIO DE LOS VIRUS (A3) (600003).	2010-11 and 2011-12
	Máster Interuniversitario de Investigación en Inmunología	
15	INMUNOLOGÍA MOLECULAR (603253)	2010-11 to 2012-13
16	INTERACCIÓN PATÓGENOS SISTEMA INMUNE (603256).	2011-12
17	Prácticas de INMUNOLOGÍA (100076, 5º Curso de la Licenciatura de Farmacia) ().	2011-12, 2012-13, 2013-14
18	Prácticas de INMUNOLOGÍA (1er curso del Grado de Medicina).	2011-12 to present
	SEMINARIOS DE INMUNOLOGÍA (1er curso del Grado de Medicina).	2011-12 to present
19	SESIONES BÁSICO-CLÍNICAS (Asignatura Práctica Clínica III)	2012-13, to present
20	Teoría INMUNOLOGÍA APLICADA (803482, Asignatura de 6 créditos ECTS). Grado de Bioquímica.	2012-13 to present
	Máster Universitario en Investigación en Inmunología UCM	
21	INTERACCIÓN PATÓGENO/INMUNIDAD (607653).	2013-14 and 2014-15
22	INMUNOLOGÍA MOLECULAR (607650)	2013-14
23	INMUNOLOGÍA HUMANA Y CLÍNICA (607654)	2014-15, 2015-16
24	PATHOGEN / IMMUNE SYSTEM INTERACTION (607653)	2020- to present
25	Trabajo Fin de Master. Tutoría de alumnos	2012-13 to present
	Doctorado Investigación Biomédica. R.D. 99/2011 Código 5600682	
26	Dirección de Tesis doctorales y Tutorías de alumnos	2014-15 to present
27	Inmunoterapia del cáncer e Inmunopatías (Grado Medicina). Cod 805028.	2016-17
28	**Máster Universitario en Investigación en Medicina Traslacional (065t)** Investigación Traslacional en Enfermedades Inflamatorias y Crónicas (Cod. 608770)	2017-18 to present
29	**Máster Universitario en Investigación en Medicina Traslacional (065t)** Bases Fisiopatológicas y Terapéuticas de enfermedades Inflamatorias y Crónicas (Cod. 608775)	2017-18 to present

✓ Other Teaching

- 2019. Course "New concepts in advanced Immunology and Immunnotherapy" (Nuevos avances en inmunología e inmunoterapia") to community college teachers (profesores de secundaria de formación professional de la comunidad de Madrid), Organized by the "centro territorial de innovación y formación madrid-capital". February 5-26. (5 hours).
- 2018. Practical course on Immunodiagnostic training ("Técnicas de Inmunodiagnóstico"). Community College in Health system (Formación profesional en Sanidad). April 28-29. 15 Hours. Lanzarote (IES ZONZAMAS) 35000321.
- 2024. "Decarbonization strategies in the Health system" (Descarbonización en el Sector Sanitario). UCM. March 2024 (2 h).

✓ Participation in Teaching innovation projects

- **INMUNOMEDIA 7.0**. Immunomedia project: learning, lecturing and spreading Immunology Coordinator Prof. Alfredo Corell Almuzara. Universidad de Valladolid. Since 2015-16. Funding: FECYT FCT-16-11509. 8.000 € Participants: Universidad de Valladolid, Universidad Complutense

de Madrid, Universidad Europea de Madrid, Universidad de Alicante, Universidad Politécnica de Valencia, Universidad de Coimbra y Université Paul Sabatier (Toulouse III-Francia). **Publication**: Immunomedia project: learning, lecturing and spreading Immunology. Autores: A Corell, C Martin Alonso, JC Zarzuela, LA Sanz, JC Aragon, JM Sempere, D Hudrisier, P Rodrigues Santos, S Alvarez Alvarez, V Arnaiz, MJ Verdu Perez, LM Regueras Santos, JP de Castro Fernandez, N Martinez-Quiles, Reche Gallardo, AS Pascual Garcia, P Martinez Peinado, JR Regueiro. 2016/8/1. EUROPEAN JOURNAL OF IMMUNOLOGY Volumen 46, Páginas 1167-1167.
Recognized by the "Fundación Lilly" "XI MEDES Prize 2018" as the best Project promoting the use of Spanish language in supporting spreading of biomedical knowledge" https://www.fundacionlilly.com/es/actividades/medes-medicina-en-espaniol/resumen-convocatoria-premios-medes-2018.aspx

UCM Teaching Innovation Project

- **Participant** in "Teaching Innovation Project" (Proyecto innovación docente) UCM 2017-18. Título**:** **"**Competición de pósters científico/divulgativos como experiencia de inmersión al aprendizaje activo e integral por parte del alumnado de Ciencias de la Salud". Ref: 252. Director: Prof. María Paloma Sánchez-Mateos Rubio.
- **Director** "Teaching Innovation Project" (Proyecto innovación docente) UCM 2021- 22. Title:" Career advice for Biochemistry graduates" "Ref: 10. Chemistry Faculty.
- **Participant** in "Teaching Innovation Project" (Proyecto innovación docente) UCM 2023- 24. Title:" Career advice for Biochemistry graduates" "Ref: 22. Chemistry Faculty. Director Prof. M. Ángeles Navas.
- **Participant** in "Teaching Innovation Project" (Proyecto innovación docente) UCM 2025- 26. Title:" Career advice for Biochemistry graduates" "Ref: under evaluation. Chemistry Faculty. Director Prof. M. Ángeles Navas.

✓ Positive teaching evaluations "Docentia Program" (UCM)

- **2011-12**. Inmunología (Grado de Farmacia, Facultad de Farmacia, UCM).
- **2013-14**. Inmunología Aplicada (Grado de Bioquímica, Facultad de Químicas, UCM).
- **2014-15**. Inmunología Aplicada (Grado de Bioquímica, Facultad de Químicas, UCM). Very positive.
- **2016-2019** Inmunología Aplicada (Grado de Bioquímica, Facultad de Químicas, UCM). Inmunología Humana y Clínica (Master Inmunología). Final 3 years evaluation: Very Positive.
- **2019-2021** Inmunología Aplicada (Grado de Bioquímica, Facultad de Químicas, UCM). Inmunología Humana y Clínica and Host – Immune system interaction (Master Inmunología). Final 3 years evaluation: Very Positive.
- **2021-2024** Inmunología Aplicada (Grado de Bioquímica, Facultad de Químicas, UCM). Host – Immune system interaction (Master Inmunología). Final 3 years evaluation: Very Positive.