MINISTERIO DE CIENCIA E INNOVACIÓN

CURRICULUM VITAE (maximum 4 pages)

AGENCIA ESTATAL DE INVESTIGACIÓN

CV Date	20th/May/2025

Part A. PERSONAL INFORMATION

First and Family Name	María Cerezo		
ID Number	05261791N	Age	
Researcher numbers	Researcher ID		
	Orcid Code	0000-0002-8453.9876	

A.1. Current Position

Institution	Complutense University of Madrid		
Department	Logic and Theoretical Philosophy		
e-mail	macere03@ucm.es		
Current Position	Professor (Catedrática)		

A.2. Education

Degree	University	Year
PhD Philosophy	Universidad de Navarra	1996
Degree (Licenciatura) Philosophy	Universidad de Navarra	1987

Part B. CV SUMMARY

María Cerezo is a Professor (Catedrática) of Logic and Philosophy of Science at the Department of Logic and Theoretical Philosophy of the Complutense University of Madrid. Her initial interests centred on the Philosophy of Language, in particular, the *Tractatus Logico-philosophicus* of Ludwig Wittgenstein. From 2008 on, she has started working on issues of Philosophy of Biology, and in particular on metaphysical issues that arise in biological concepts and problems. She has recently created the group BioKoinos, a research group in Philosophy of Biology at the Complutense University of Madrid.

She has 4 research positive evaluations (4 sexenios de investigación), as a result of her trajectory so far. She is the author of two books (Eunsa 1998 and csli Publications, Chicago University Press 2005) and the editor of other two (Walter de Gruyter 1996, Brill 2017). She has written around 30 articles (Journal articles, chapters of books, international refereed proceedings).

She has been the IP, main researcher, of 7 research projects, 4 funded by the Spanish Government and 2 other ones by Regional Governments (Navarra and Murcia), and 1 with private funds of the University of Navarra.

She has supervised seven doctoral dissertations (already finished and evaluated) and she is currently supervising two.

She is currently the President of the European Society of Analytic Philosophy (ESAP). She is also a member of the Steering Committee of the Spanish Society of Analytic Philosophy (SEFA).

Part C. RELEVANT MERITS

C.1. Publications (including books)

Books and monographs (authored)

1. M. Cerezo, 2005. *The Possibility of Language. Internal Tensions in Wittgenstein´s Tractatus*, CSLI Publications, Stanford.
2. M. Cerezo, 1998. *Lenguaje y Lógica en el* Tractatus *de Wittgenstein. Crítica interna y problemas de interpretación.*, Eunsa, Pamplona.

Books edited and special issues

3. P. Pérez-Ilzarbe and M. Cerezo (eds.), 2015. *Studies on the History of Logic in Memory of Angel d'Ors, Special Issue of* Vivarium*. A Journal for Medieval and Early-Modern Philosophy and Intellectual Life* (vol. 53, nn. 2-4).
   (Published also as an edited book in 2017, *History of Logic and Semantics. Studies on the Aristotelian and Terminist Traditions*, Brill.)
4. I. Angelelli and M. Cerezo (eds.), 1996. *Studies on the History of Logic. Proceedings of the III Symposium on the History of Logic*, Walter de Gruyter, Berlin, 1996.

Chapters of Books, Articles and Published Proceedings (Selection from 10 last years)

5. M. Cerezo and V. Triviño, 2024. "3D/4D Metaphysical Equivalence: Lessons from the species debate for the metaphysics of change and persistence". *Synthese.* DOI : 10.1007/s11229-024-04747-0.
6. M. Cerezo, 2024, Meaning, representation and meaning grounds", *Teorema* 43, 3: 121-136.
7. V. Triviño and María Cerezo, 2024, "Explorando las implicaciones metafísicas del organicismo: la fundamentalidad de los organismos*", Ludus Vitalis* 30(2), 1-27.
8. M. Cerezo and V. Triviño, 2024. "Intellectual friendship and the quest for research goals", forthcoming in *Hibridación cultural como resultado de un paradigma social disruptive,* Peter Lang.
9. M. Cerezo. 2023. "Causal dispositionalism in behaviour genetics". Behav Brain Sci. Sep 11;46:e188. doi: 10.1017/S0140525X22002060. PMID: 37694898.
10. M. Cerezo. 2023. "Interdisciplinariedad y amistad intellectual", in *No somos islas,* Eunsa, pp. 29-49.
11. M.Cerezo 2021. as editor of L. Nuño de la Rosa, M. Pavličev and A. Etxeberria, "Pregnant Females as Historical Individuals: An Insight From the Philosophy of Evo-Devo", en *Frontiers in Psychology* 11.
12. M. Cerezo. 2019. "La metafísica del *Tractatus* y su desmantelamiento", en J. Acero, ed., *Guía Comares de Wittgenstein,* Comares, Granada, 57-78.
13. M. Cerezo. 2018. "Depiction in the *Tractatus*: the dissolution of the problem of unity", *Autralasian Philosophical Review* 2:3, 327-332. DOI: 10.1080/24740500.2019.1655845
14. M. Bertolaso and M. Cerezo, 2017. "Robustez biológica". En Diccionario Interdisciplinar Austral, editado por Claudia E. Vanney, Ignacio Silva y Juan F. Franck. URL=http://dia.austral.edu.ar/Robustez_biológica (refereed paper)
15. M.J.Ferreira Ruiz and M. Cerezo, 2017. "Información biológica". En Diccionario Interdisciplinar Austral, editado por Claudia E. Vanney, Ignacio Silva y Juan F. Franck. URL=http://dia.austral.edu.ar/Información_biológica (refereed paper)
16. M. Cerezo and A. Suburo, 2016. "¿Cuál es el papel de los genes en la constitución del fenotipo?", en *¿Determinismo o indeterminismo? Grandes preguntas de la ciencia a la filosofía,* eds. Juan F. Franck y Claudia Vanney, Ediciones Logos, Rosario, 243-276. Republicado en 2018 en Ed. Universidad Francisco de Vitoria, Madrid, 233-264.
17. M. Cerezo, 2016. "<El círculo está en el cuadrado>. Wittgenstein contra Wittgenstein sobre la generalidad", en A. Tomasini y G. Grajales. *Wittgenstein y sus críticos.* Ed. Instituto de Ciencias Sociales y Humanidades "Alfonso Vélez Pliego" de la Universidad Autónoma de Puebla, 49-72.
18. V. Triviño and M. Cerezo, 2015. "The Metaphysical Equivalence between 3D and 4D theories of species", *Revista Portuguesa de Filosofía* 71 (4), 783-808.
19. P. Martínez Gómez, A. Cuevas and M. Cerezo, 2015. "Análisis de la teoría genética a la luz de la estructura de las revoluciones científicas", *Revista de Humanidades de Valparaíso* 3 (6), 7-18.
20. M. Cerezo, 2015. "Anselm of Canterbury's Theory of Meaning: Analysis of Some Semantic Distinctions in *De Grammatico*", *Vivarium. A Journal for Medieval and Early-Modern Philosophy and Intellectual Life* (vol. 53, nn. 2-4), 194-220. (Publicado también en: *History of Logic and Semantics. Studies on the Aristotelian and Terminist Traditions,* Brill, 2017,pp. 56-81).

C.2. Research projects and grants

2022-2026: Title: Metaphysics of Biology: Processes and Dispositions [PID2021-127184NB-I00]. Granted by Spanish Government. 15 Research Members. My participation is as Leader.

2018-2021: Title: Metaphysics of Biology: Framing the Interactions between Metaphysics and Molecular, Developmental and Evolutionary Biology [Ref: FFI2017-87193-P]. Granted by Spanish Government. 5 Research Members. My participation is as Leader.

2014-2017: Title: Contemporary Questions in the Metaphysics of Biological Sciences [Ref: FFI2013-47849-P]. Granted by Spanish Government. 8 Research Members. My participation is as Leader.

2013-2016: Title: Determinism and Indeterminism: From Science to Philosophy in Spanish-Speaking Academia. [ID. 38920]. Granted by Institute of Philosophy of Universidad Austral (Buenos Aires, Argentina) and John Templeton Foundation. My participation is as associated researcher.

2010-2013: Title: Cambio: Semántica y Metafísica (Change: Semantics and Metaphysics) [ref. FFI2009-13687-C02-01]. Granted by Spanish Government. 5 Research Members. My participation is as Leader.

2008-2021: Title: Ciencia Cognitiva (Cognitive Science) [ref. GI E038-04]. Granted by University of Murcia. 8 Research Members. Research Leader: Javier Marin. My participation is as member.

2006-2007: Title: Vaguedad: Predicación y Verdad (Vagueness: Predication and Truth) [ref. 67/2006, de 29 de marzo]. Granted by Navarre Govenment. 7 Research Members. My participation is as Leader.

2006-2008: Title: Vaguedad: Predicación y Verdad (Vagueness: Predication and Truth) [ref. HUM2005-05910/FISO]. Granted by Ministry of Education of Spanish Govenment. 8 Research Members. My participation is as Leader.

C. 3. Recent Research Stays

1. August 13th, 2020- September 3rd 2020. Visiting Fellowship at KLI, Viena.
2. July 30th-September 3rd 2019. Visiting Fellowship at KLI, Viena.
3. August 27th-September 3rd 2018. Visiting Fellowship at KLI, Viena.
4. March-July 2018. Research Stay in Department of Logic, History and Philosophy of Science, uned, Madrid.

C.4. Conferences (Selection)

Organization (Selection)

1. Organization of the Workshop MOB21 *Metaphysics of Biology*, Complutense University of Madrid, September 2021.
2. Organization of the Workshop MOB19 *Metaphysics of Biology,* University of Murcia, June 2019.
2. Organization of the Symposium MOB18 *Issues at the intersection between metaphysics and biology,* at the IX SLMFCE conference, uned, November 2018.

Invited Talks (Selection)

1. "Organogenesis and cáncer: Insights from teleology of processes", invited talk at *Logos Anniversary Conference,* University of Barcelona, 20-21 June, 2023.
2. "Exploración de causación descendente en el desarrollo: el caso de la *Drosophila*", in *Filósofas en streaming,* La Laguna, on line, May 21st, 2020.
3. "Issues at the Intersection between Metaphysics and Biology: Some Examples", invited talk at KLI, Vienna, August 29th, 2019.
4. (con María José Ferreira) "Exploring Downward Causation in Development: Geometrical and Topological Properties in Drosophila development". *Geometry and Phenomenology of the Living. Limits and possibilities of mathematization, complexity and individuation*, ENS et EHESS, Paris, 12-14 December 2018.
5. (con Marta Bertolaso) "Development and Cancer: Insights from Teleology", invited talk at KLI, Viena, August 30th, 2018.
6. "La teoría disposicionalista causal del gen: un ejemplo de interacción entre Biología y Metafísica", invited talk at the Department of Logic, History and Philosophy of Science, uned, June 14th, 2018.
7. "Causal Dispositionalism in Gene Expression: the case of alternative splicing". Workshop *Levels of organization, causality and top-down relations*, IAS Research Center for Life, Mind and Society, San Sebastián, 2015 (4 Junio)
8. "Towards a Liberal Naturalism - with a view to Philosophy of Biology", Workshop on *The Limits of Science*, University of Granada, 2014 (9 y 10 Octubre).
9. "Información genética y causalidad tras la revolucion postgenómica". Workshop Determinismo e Indeterminismo. De la Biología a la Filosofía. Buenos Aires, Argentina, 2014.
10. "Identity and Change in living entities", XLVIII Reuniones Filosóficas. Pamplona, 2011 (6-8 Abril)

Contributed papers (Selection)

1. "Issues at the intersection between metaphysics and biology", 16th International Congress on Logic, Methodology and Philosophy of Science and Technology, Prague, 5-10 August, 2019.
2. (con Vanesa Triviño) "3D/4D Metaphysical Equivalence: Lessons from the species debate for the metaphysics of change and persistence", Conference of the International Society for History, Philosophy and Social Studies of Biology, Oslo, 7-12 July 2019.
3. (con Vanesa Triviño) "3D/4D Metaphysical Equivalence: Lessons from the species debate for the metaphysics of change and persistence", Conference of the Society for Metaphysics of Science, Milán, 21-23 August 2018.
4. "Pros and Cons of a Causal Dsipositionalist Theory of Genes: Parity, Complexity and Simultaneity". International Society for History, Philosophy and Social Studies of Biology & Brazilia Association of Philosophy and History of Biology 2017 Meeting. 16-21 July 2017.
5. (con María José Ferreira) "Downward Causation in Development: Axis Formation in Drosophila as a case study". SEFA16: VIII Congreso SEFA, Oviedo, 10-12 Noviembre 2016

6. "Genes as Causal Powers". SMS16: Second Annual Meeting of the Society for the Metaphysics of Science, Ginebra (Suiza), 15-17 Septiembre 2016.
7. (con Vanessa Triviño) "Dispositions and Grounding". Workshop Ground in Philosophy of Science, Ginebra (Suiza), 13-14 Septiembre 2016
8. "Genes as Causal Powers". Conference *Causality and Complexity in the Sciences.* Colonia (Alemania), 10-12 Septiembre 2014
9. "Genes as Causal Powers".SPS 2014. V Congrès de la Société de Philosophie des Sciences. Métaphysique des Sciences. Lille (Francia). 25-27 Junio 2014.

C.4. Supervision of Doctoral Dissertations

a. Dissertations already finished

1. *Representar e intervenir en Genética: análisis del desarrollo de la teoría y del concepto de gen desde el realismo experimental de Hacking.* Grad. Student: Pedro Martínez Gómez. Ph.D. Program Logic and Philosophy of Science. University of Salamanca. Supervisor: Ana Cuevas Badallo. María Cerezo is cosupervisor. PhD October 2021 with honours.
2. *Questions at the Intersection between Metaphysics and Biology. Towards a Metaphysics of Biology*. Grad. Student: Vanessa Triviño. PhD. Program Philosophy. University of Murcia. Cosupervisor: Laura Nuño de la Rosa. PhD June 2019 with honours. International Mention.
3. *Essays Concerning Objects. A Non-representational View in Metaontology*. Grad. Student Mirco Sambrotta. PhD Program Doctorado de Filosofía, University of Granada. Supervisor: M. José García Encinas. María Cerezo is cosupervisor. PhD June 2019 with honours. International Mention.
4. *Gene Regulatory Networks: Theoretical consequences on the concept of gene, gene function and genetic information.* Grad. Student: Elsa Muro. Ph. D. Program Philosophy. University of Navarra. Cosupervisor: Jaime Nubiola. PhD June 2018 with honours. International Mention.
5. *Supervaluationist and Epistemicist Theories of Vagueness*. Grad.Student: Pablo Cobreros. Ph. D. Program Philosophy. University of Navarra. PhD June 2007 with honours.
6. *La Física Filosófica en la propuesta de Leonardo Polo.* Grad. Student: Claudia Vanney. Ph. D. Program Philosophy. University of Navarra. PhD March 2007 with honours.
7. *La estética de Wittgenstein.* Grad. Student: Soraya Salinas. Ph. D. Program Philosophy. University of Navarra. Doctorado en Filosofía. Work co-supervised with M. Antonia Labrada. PhD June 2007 with honours.

b. Dissertations in progress

8. *Modelos naturales. La teoría de la representación de Robert Cummins*. Grad. student: Gloria Balderas. Supervisors: Paloma Pérez-Ilzarbe. María Cerezo is cosupervisor. University of Navarra.
9. *Emergencia y reducción en las ciencias: Sobre la relación entre una entidad y sus componentes.* Student: Turad Miguel Turad Lorenzo. Supervisors: L. Nuño de la Rosa. María Cerezo es cosupervisor. Ph.D. Program Philosophy. Complutense University of Madrid.

Funding: FPI (Formación Personal Investigador en Proyecto del Ministerio).

10. *Agencialidad, teleología y normatividad biológica desde el neo-aristotelismo.* Student: Leyre Celada Marcén. Supervisors: L. Nuño de la Rosa. María Cerezo es cosupervisor. PhD Program Philosophy. Complutense University of Madrid.
11. *Ontología y epistemología de los niveles de realidad.* Student: José Antonio Fernández Vázquez. Supervisors: V. Triviño. María Cerezo es cosupervisor. PhD Program Philosophy. Complutense University of Madrid.

C.5. Scientific and Steering Committes (Selection)

1. President of the European Society of Analytic Philosophy (ESAP). 2023-present.
2. Member of the Steering Committee of Spanish Society of Analytic Philosophy (SEFA). 2021-present.
3. Member of the International Evaluation Pannel of I+D Research Units of the Portuguese FCT. 2024-present.
4. Coordinator of PhD Program of Philosophy University of Murcia. 2020-2021.
5. Coordinator of area Logic and Philosophy of Science at the Department of Philosophy of University of Murcia. 2010-2021.
6. Member of Comité Científico del Centro de Investigación FAST: Instituto di Filosofia dell'Agire Scientifico e Tecnologico, Universita Campus Bio-medico di Roma. From 2016 to 2020.
7. Member of Steering Committee of Spanish Society of Logic and Philosophy of Science. 2004-2018.