

**Part A. PERSONAL INFORMATION**

<b>CV Date</b>	1/Mayo/2021
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First and Family Name	María Cerezo		
ID Number	05261791N	Age	56
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	<a href="mailto:macere03@ucm.es">macere03@ucm.es</a>		
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 4 research positive evaluations (4 sexenios de investigación).

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 25 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 six doctoral dissertations (already finished and evaluated) and she is currently supervising two.

She has been the the Coordinator of the Inter-university PhD Program of the University of Murcia. She has been in the Steering Committee of the Spanish Society for Logic, Methodology and Philosophy of Science since 2004 till 2018, and has been a member of the Scientific Committee of the Institute of Philosophy of Scientific and Technological Practice (FAST) of the Campus Bio-Medico University of Rome.

**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-Illarbe 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 (10 last years)

5. M. Cerezo. 2019. "La metafísica del *Tractatus* y su desmantelamiento", en J. Acero, ed., *Guía Comares de Wittgenstein*, Comares, Granada, 57-78.
6. M. Cerezo. 2018. "Depiction in the *Tractatus*: the dissolution of the problem of unity", *Australasian Philosophical Review* 2:3, 327-332. DOI: [10.1080/24740500.2019.1655845](https://doi.org/10.1080/24740500.2019.1655845)
7. Martínez-Gómez, P., Cuevas-Badallo, A., Cerezo, M. 2018. "Crisis, refinamiento o cambio del paradigma Genético en la era *Post-Genómica*". En A. Cuevas-Badallo, O. Torres, R. López-Orellana y D. Labrador (Eds.): *Cultura científica y cultura tecnológica*. Salamanca, Ediciones Universidad De Salamanca. 510–516.
8. 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](http://dia.austral.edu.ar/Robustez_biológica) (refereed paper)
9. 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](http://dia.austral.edu.ar/Información_biológica) (refereed paper)
10. 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.
11. 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 Vález Pliego" de la Universidad Autónoma de Puebla, 49-72.
12. V. Triviño and M. Cerezo, 2015. "The Metaphysical Equivalence between 3D and 4D theories of species", *Revista Portuguesa de Filosofia* 71 (4), 783-808.
13. 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.
14. 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).
15. M. Cerezo, 2014. Hacia un naturalismo liberal en Filosofía de la Biología, in *La filosofía desde la ciencia. Reflexiones sobre la naturalización de la filosofía*, ed. Centro de Estudios Filosóficos, Políticos y Sociales Vicente Lombardo Toledano, México, (51-82).
16. P. Pérez-Illzarbe and M. Cerezo, 2014. Truth and Bivalence in Aristotle: An Investigation into the Structure of Saying, in *Logik, Naturphilosophie, Dialektik. Neue internationale Beiträge zur modernen Deutung der Aristotelischen Logik*, en: *Zur modernen Deutung der Aristotelischen Logik*, vol. 11, Nils Offenberger y Alejandro Vigo (eds.), Georg Olms Verlag, Hildesheim – Zürich – New York, (75-103).
17. M. Cerezo, 2014. Russell and Wittgenstein on Proposition, Judgement and Truth, in *Philosophy of Language and Linguistics: The Legacy of Frege, Russell, and Wittgenstein*. P. Stalmaszczyk (ed.), Walter de Gruyter, Berlin, (29-51).
18. M. Cerezo, 2013. Remarks on the Interest-relative Theory of Vagueness, *Acta Analytica* vol.28, 3, 2013 (381-394).
19. M. Cerezo, 2013. La revisión wittgensteiniana del análisis fregeano de los enunciados de igualdad, en *Perspectivas de la Filosofía del Lenguaje*, Prentice Hall, Zaragoza, (161-196).
20. M. Cerezo, 2012. Possibility and Logical Space in the *Tractatus*, *International Journal of Philosophical Studies*, (645-659).
21. E. Muro and M. Cerezo, Información biomolecular con contenidos semántico. Una perspectiva sistémica, *VII Congreso de la Sociedad de Lógica, Metodología y Filosofía de la Ciencia en España*, eds. C. Martínez Vidal, Falguera J.L., Sagüillo, J.M., Verdejo, V.M., Pereira-Fariña, M., Santiago de Compostela (España): Servicio de Publicacions da USC, 2012 (473-480).
22. N. López Moratalla and M. Cerezo The Self-Construction of a Living Organism , in *Companion to Contemporary Philosophy of Biology*, George Terzis and Rob Arp (eds.), MIT Press, 2011 (177-204).
23. M. Cerezo, Vaguedad, in *Compendio de Lógica, Argumentación y Retórica*, ed. Luis Vega, Trotta, 2011 (621-625).

**C.2. Research projects and grants**

- 2018-2020: 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-to present: 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 Government. 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 Government. 8 Research Members. My participation is as Leader.

**C. 3. Recent Research Stays**

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

**C.4. Conferences (Selection)**

Organization of the Symposium *Issues at the intersection between metaphysics and biology*, at the IX SLMFCE conference, uned, November 2018.

**Invited Talks**

1. "Issues at the Intersection between Metaphysics and Biology: Some Examples", invited talk at KLI, Vienna, August 29<sup>th</sup>, 2019.
2. (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.
3. (con Marta Bertolaso) "Development and Cancer: Insights from Teleology", invited talk at KLI, Viena, August 30<sup>th</sup>, 2018.
4. "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 14<sup>th</sup>, 2018.
5. "Causal Dispositionalism in Gene Expression: the case of alternative". Workshop *Levels of organization, causality and top-down relations*, IAS Research Center for Life, Mind and Society, San Sebastián, 2015 (4 Junio)
6. "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).
7. "Información genética y causalidad tras la revolución postgenómica". Workshop Determinismo e Indeterminismo. De la Biología a la Filosofía. Buenos Aires, Argentina, 2014.
8. "Identity and Change in living entities", XLVIII Reuniones Filosóficas. Pamplona, 2011 (6-8 Abril)

**Contributed papers**

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 Dispositionalist 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.
4. (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
5. “Genes as Causal Powers”. SMS16: Second Annual Meeting of the Society for the Metaphysics of Science, Ginebra (Suiza), 15-17 Septiembre 2016.
6. (con Vanessa Triviño) “Dispositions and Grounding”. Workshop Ground in Philosophy of Science, Ginebra (Suiza), 13-14 Septiembre 2016
7. “Genes as Causal Powers”. Conference *Causality and Complexity in the Sciences*. Colonia (Alemania), 10-12 Septiembre 2014
8. “Genes as Causal Powers”. SPS 2014. V Congrès de la Société de Philosophie des Sciences. Métaphysique des Sciences. Lille (Francia). 25-27 Junio 2014.
9. (Con Vanessa Triviño). “Species as individuals and the thesis of 3D-4D equivalence”, *VAF 2014, Sixth Conference of the Dutch-Flemish Association for Analytic Philosophy*, Groningen, 29-31 Enero 2014.

#### **C.4. Supervision of Doctoral Dissertations**

##### **a. Dissertations already finished**

1. *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.
2. *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.
3. *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.
4. *Supervaluationist and Epistemicist Theories of Vagueness*. Grad. Student: Pablo Cobreros. Ph. D. Program Philosophy. University of Navarra. PhD June 2007 with honours.
5. *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.
6. *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**

7. *Metafísica del gen* (to be confirmed). Grad. Student: Pedro Martínez Gómez. PhD. Program Interuniversitario de Lógica y Filosofía de la Ciencia de la Universidad de Salamanca. Director: Ana Cuevas (M. Cerezo is cosupervisor).
8. *La teoría de la representación de Robert Cummins*. Grad. Student: Gloria Balderas. Ph. D. Program Philosophy. University of Navarra.

#### **C.5. Scientific and Steering Committes (Selection)**

1. Coordinator of PhD Program of Philosophy University of Murcia. 2020-2021.
2. Coordinator of area Logic and Philosophy of Science at the Department of Philosophy of University of Murcia. 2010-2021.
3. Member of Comité Científico del Centro de Investigación FAST: Instituto di Filosofia dell’Agire Scientifico e Tecnologico, Università Campus Bio-medico di Roma. From 2016 to 2020.
4. Member of the Steering Committee of the Spanish Society of Logic and Philosophy of Science. 2004-2018.