

# *Curriculum Vitae*

## Alejandro Fábregas-Tejeda

Nationality: Mexican

Born in: 25.09.1992

📍 Leuven, Belgium

📞 +49 174 3759625

[alejandro.fabregastejeda@kuleuven.be](mailto:alejandro.fabregastejeda@kuleuven.be)

✉ [fabregas\\_alejandro@ciencias.unam.mx](mailto:fabregas_alejandro@ciencias.unam.mx)

### Positions & Education

<b>December 2023– to date</b>	<b>Centre for Logic and Philosophy of Science, Institute of Philosophy, KU Leuven (Belgium)</b> Postdoctoral Research Fellow
<b>February 2020– November 2023</b>	<b>Department of Philosophy I, Ruhr University Bochum (Germany)</b> <b>Ph.D. in Philosophy (<i>summa cum laude</i>)</b> Dissertation: “ <i>The Organism-Environment Pairing: A Historical and Philosophical Re-Appraisal.</i> ” <i>Advisor:</i> Prof. Jan Baedke
<b>October 2022– April 2023</b>	<b>Konrad Lorenz Institute for Evolution and Cognition Research (Austria)</b> Writing-Up Fellow
<b>April– June 2022</b>	<b>Department of History and Philosophy of Science, University of Cambridge (United Kingdom)</b> Visiting Ph.D. Student
<b>March– April 2019</b>	<b>Department of Philosophy I, Ruhr University Bochum (Germany)</b> Visiting M.A. Student
<b>August 2017– November 2019</b>	<b>School of Philosophy and Literature, National Autonomous University of Mexico (Mexico)</b> <b>M.A. in Philosophy of Science (complementary specialization in History of Science) with honors</b> Dissertation: “ <i>The Extended Evolutionary Synthesis Debate: Historical, Philosophical and Sociological Dimensions</i> ” (in Spanish) <i>Advisor:</i> Prof. Francisco Vergara-Silva
<b>August 2011– June 2016</b>	<b>School of Sciences, National Autonomous University of Mexico (Mexico)</b> <b>B.Sc. in Biology</b> Experimental work in mouse developmental genetics

**Areas of Specialization:** General Philosophy of Science; Philosophy of Life Sciences; History of Biology

**Areas of Competence:** Epistemology; Environmental Ethics; Philosophy of Cognitive Sciences; Historiography & History of Science; Metaphysics

## Honors & Awards

- October 2024** | **Ruhr University Bochum (Bochum, Germany)**  
Co-Winner of the “GdF-Prize for Outstanding, Interdisciplinary Dissertation at RUB”
- October 2022–  
March 2023** | **Konrad Lorenz Institute for Evolution and Cognition Research (Klosterneuburg, Austria)**  
6-month Writing-Up Fellowship
- September 2022** | **Institute for Philosophy in Biology & Medicine, and ImmunoConcEpT lab, University of Bordeaux (Bordeaux, France)**  
Winner of the “Best Poster Award” at the 2022 European Advanced School in the Philosophy of the Life Sciences: Dealing with Complexity in the Biological and Biomedical Sciences for the work “*Of Symmetries and Asymmetries: Epistemic and Ontological Complexities of the Organism-Environment Relationship.*”
- June 2017** | **School of Sciences, National Autonomous University of Mexico (Mexico City, Mexico)**  
**Gabino Barreda Medal in University Merit** (awarded to the best student of the cohort, B.Sc. in Biology).
- June 2015** | **University of Washington (San Juan Island, United States of America)**  
“**Robert L. Fernald**” **Endowed Scholarship** to study ‘Comparative Invertebrate Embryology’ at Friday Harbor Laboratories

## Publications

<https://scholar.google.com/citations?user=s1LT4ywAAAAJ&hl>

## Books & Edited Works

### Single-Author Monographs

**Fábregas-Tejeda A.** (in press). *The Organism-Environment Pairing: A Historical and Philosophical Reappraisal*. MIT Press.

### Co-Authored Books

**Fábregas-Tejeda A,** Ramsey G. (under contract). *Niche Construction and Evolutionary Theory*. Cambridge University Press.

### Edited Volumes

Ramsey G, **Fábregas-Tejeda A.** (eds.) (under contract). *The New Cambridge Companion to the Philosophy of Biology*. Cambridge University Press.

**Fábregas-Tejeda A,** Radick G. (eds.) (book proposal in preparation). *Darwinism Revisited*. (Commissioned by Cambridge University Press.)

**Fábregas-Tejeda A,** Vergara-Silva F. (eds.) (book proposal under review). *The Waddingtonian Landscape: Rediscovering Conrad Hal Waddington’s Legacies in Biology and Beyond*.

**Fábregas-Tejeda A,** Baedke J, Prieto GI, Radick G. (eds.) (2024). *The Riddle of Organismal Agency: New Historical and Philosophical Reflections*. Routledge.

### Topical Collections and Special Issues

Fischer E, **Fábregas-Tejeda A.** (eds.) (ongoing). “The Pursuitworthiness of Experiments Across the Sciences.” *European Journal for Philosophy of Science*. <https://link.springer.com/collections/ddidgfdbbe>

**Fábregas-Tejeda A**, Martín-Villuendas M. (eds.) (2023). “Philosophy of Organismal Biology: From Ontogeny to Ecology and Evolution.” Bilingual Special Issue (in English & Spanish) in *ArtefaCToS: Revista de Estudios sobre la Ciencia y la Tecnología*.

### Refereed Journal Articles

### General Philosophy of Science

**Fábregas-Tejeda A.** (2024). “Research Environments *vis-à-vis* Biological Environments: Ontological Parallels, Epistemic Parallax, and Metaphilosophical Parallelization.” *European Journal for Philosophy of Science*, 14, 46. <https://doi.org/10.1007/s13194-024-00603-7>

### Philosophy of Life Sciences

Prieto GI, **Fábregas-Tejeda A.** (forthcoming). “Modeling Versatility as the Hallmark of Model Organisms.” *History and Philosophy of the Life Sciences*.

Prieto, G. I., **Fábregas-Tejeda A.** (2025). “Representing with Model Organisms: A Refined DEKI Account.” *Synthese*. 206, 209. <https://doi.org/10.1007/s11229-025-05267-1>

**Fábregas-Tejeda A.** (2025). “Two Ontogenetic Challenges to Trait Individuation.” *Synthese*, 205, 219. <https://doi.org/10.1007/s11229-025-05061-z>

**Fábregas-Tejeda A\***, Sims M\*. (2025). “On the Prospects of Basal Cognition Research Becoming Fully Evolutionary: Promising Avenues and Cautionary Notes.” *History and Philosophy of the Life Sciences*, 47, 10. <https://doi.org/10.1007/s40656-025-00660-y> \*Equal first authorship

**Fábregas-Tejeda A**, Ramsey G. (2024). “Driftability and Niche Construction.” *Synthese*, 204, 162. <https://doi.org/10.1007/s11229-024-04815-5>

Baedke J\*, **Fábregas-Tejeda A\***, Prieto GI\*. (2021). “Unknotting reciprocal causation between organism and environment.” *Biology & Philosophy*, 36, 48. <https://doi.org/10.1007/s10539-021-09815-0> \*Equal first authorship.

Baedke J, **Fábregas-Tejeda A**, Vergara-Silva F. (2020). “Does the Extended Evolutionary Synthesis entail extended explanatory power?” *Biology & Philosophy*, 35, 20. <https://doi.org/10.1007/s10539-020-9736-5>

**Fábregas-Tejeda A**, Vergara-Silva F. (2018a). “Hierarchy Theory of Evolution and the Extended Evolutionary Synthesis: Some Epistemic Bridges, Some Conceptual Rifts.” *Evolutionary Biology*, 45, 127–139.

**Fábregas-Tejeda A**, Vergara-Silva F. (2018b). “The Emerging Structure of the Extended Evolutionary Synthesis: Where Does Evo-Devo Fit In?” *Theory in Biosciences*, 137(2), 169–184.

### History of Biology

**Fábregas-Tejeda A**, Vergara-Silva F. (2022). “Man-made Futures’: Conrad Hal Waddington, Biological Theory, and the Anthropocene.” *Azimuth. Philosophical Coordinates in Modern and Contemporary Age*, 19 (1), 35–56.

Baedke J, **Fábregas-Tejeda A**, Nieves-Delgado A. (2020). “The holobiont concept before Margulis.” *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*, 334, 149–155.

### Interdisciplinary Collaborations with Scientists

Catania F, Baedke, J, **Fábregas-Tejeda A**, Nieves Delgado A, Vitali V, & Nguyen Long L. (2021). “Global climate change, diet and the complex relationship between human host and microbiome: Towards an integrated picture”. *BioEssays*, 43, e2100049. <https://doi.org/10.1002/bies.202100049>

### Invited Articles (non-peer reviewed)

**Fábregas-Tejeda A\***, Martín-Villuendas M\*. (2023). “What is the Philosophy of Organismal Biology?” *ArtefaCToS: Revista de Estudios sobre la Ciencia y la Tecnología*, 12(1), 5–25. \*Equal first authorship. <https://doi.org/10.14201/art2023121525>

Prieto GI\*, **Fábregas-Tejeda A\***. (2022). “Richard Lewontin y la reciprocidad organismo-ambiente en la historia de la biología [Richard Lewontin and Organism-Environment Reciprocity in the History of Biology].” *Ludus Vitalis*, 29 (56), 31–38. \*Equal first authorship.

**Fábregas-Tejeda A**, Nieves Delgado A, Baedke, J. (2021). “Revisiting Hans Böker’s ‘Species Transformation Through Reconstruction: Reconstruction Through Active Reaction of Organisms’ (1935).” *Biological Theory*, 16, 63–75.

**Fábregas-Tejeda A**. (2019). “New Perspectives on Theory Change in Evolutionary Biology.” *Journal for General Philosophy of Science*, 50(4), 573–581.

### Refereed Book Chapters

**Fábregas-Tejeda A**. (2024). “Charting Contrasting Stances on Organismal Purposiveness and Agency in Early Twentieth-Century Biology.” In: Fábregas-Tejeda A, Baedke J, Prieto GI, Radick G (eds). *The Riddle of Organismal Agency: New Historical and Philosophical Reflections* (pp. 41–60). Routledge, London.

Baedke J, **Fábregas-Tejeda A**. (2023). “The Organism in Evolutionary Explanation: From Early 20th Century to the Extended Synthesis.” In: Dickins T, Dickins B (eds). *Evolutionary Biology - Contemporary and Historical Reflections Upon Core Theory* (pp. 121–150). Springer, Cham.

**Invited Book Chapters  
(non-peer reviewed)**

**Fábregas-Tejeda A.** (forthcoming). “Toward a Metaphilosophy of Science.” In: Love A, Verhaegh S (eds). *Philosophy of Science: Past, Present & Future* (Minnesota Studies in the Philosophy of Science, Volume 24). University of Minnesota Press, Minnesota.

**Fábregas-Tejeda A, Baedke J, Prieto GI, Radick G.** (2024). “Organismal Agency: A Persistent Riddle in the History and Philosophy of the Life Sciences.” In: Fábregas-Tejeda A, Baedke J, Prieto GI, Radick G (eds). *The Riddle of Organismal Agency: New Historical and Philosophical Reflections* (pp. 1–20). Routledge, London.

**Fábregas-Tejeda A, Baedke J.** (2023). “Teleology, Organisms, and Genes: A commentary on Haig.” In: Dickins T, Dickins B (eds). *Evolutionary Biology - Contemporary and Historical Reflections Upon Core Theory* (pp. 249–264). Springer, Cham.

**Fábregas-Tejeda A, Baedke J.** (2023). “Organisms and the Causes and Consequences of Selection: A Reply to Vidya *et al.*” In: Dickins T, Dickins B (eds). *Evolutionary Biology - Contemporary and Historical Reflections Upon Core Theory* (pp. 159–169). Springer, Cham.

**Fábregas-Tejeda A.** (2022). “Síntesis Extendida” [Extended Synthesis]. In: Martínez M, Galindo J (eds). *Diccionario de biología evolutiva para las ciencias sociales y las humanidades* [Dictionary of Evolutionary Biology for Social Sciences and Humanities] (pp. 538–545). Universidad Autónoma Metropolitana, Mexico City.

**Fábregas-Tejeda A, Suárez-Díaz E.** (2022). “Explicación en biología” [Explanation in Biology]. In: Martínez M, Galindo J (eds). *Diccionario de biología evolutiva para las ciencias sociales y las humanidades* [Dictionary of Evolutionary Biology for the Social Sciences and Humanities] (pp. 235–243). Universidad Autónoma Metropolitana, Mexico City.

**Fábregas-Tejeda A.** (2021). “Dos debates en torno a la extensión de la ontología de la Síntesis Moderna: trazando puentes dialógicos en el evolucionismo contemporáneo con la teoría de construcción de nicho” [Two Debates regarding the Ontological Extension of the Modern Synthesis: Building Dialogical Bridges in Contemporary Evolutionism with Niche Construction Theory]. In: Barahona A, Casanueva M, Vergara-Silva F (eds). *Biofilosofías para el Antropoceno: la teoría de construcción de nicho desde la filosofía de la biología y la bioética* [Biophilosophies for the Anthropocene: Niche Construction Theory from the Standpoints of Philosophy of Biology and Bioethics], pp. 29–68. Heúresis, Universidad Nacional Autónoma de México, Mexico City.

**Fábregas-Tejeda A, Escalante-Alcalde D.** (2017). “Técnicas de manipulación genética en el ratón: implicaciones para el estudio funcional de células troncales [Genetic Manipulation Techniques in Mice: Implications for the Functional Study of Stem Cells]”. In: Chávez-González M.A, Chimal- Monroy J, Flores-Figueroa E, Lamas M (eds). *Células Troncales: biología y aplicaciones en biomedicina. Tomo 1* [Stem Cells:

	Biology and Biomedical Applications. Volume 1] (pp. 289-321). Universidad Nacional Autónoma de México, Mexico City.
<b>Refereed Conference Proceedings</b>	<p>Reiners-Selbach S, Baedke J, Böhm A, <b>Fábregas-Tejeda A</b>, Straetmanns V. (2024). "HermeneuTopic. Ein Workflow zur interaktiven mixed-methods Exploration (philosophie-)historischer Textkorpora [HermeneuTopic. A Workflow for Interactive Mixed-Methods Exploration of Philosophical-Historical Text Corpora]." DHd 2024 Quo Vadis DH (DHd2024), Passau, Germany. <a href="https://doi.org/10.5281/zenodo.10698454">https://doi.org/10.5281/zenodo.10698454</a></p> <p>Böhm A, Reiners-Selbach S, Baedke J, <b>Fábregas-Tejeda A</b>, Nicholson DJ. (2022). "What was Theoretical Biology? A Topic-Modelling Analysis of a Multilingual Corpus of Monographs and Journals, 1914-1945." DHd 2022 Kulturen des digitalen Gedächtnisses. 8. Tagung des Verbands "Digital Humanities im deutschsprachigen Raum" (DHd 2022), Potsdam. <a href="https://doi.org/10.5281/zenodo.6328143">https://doi.org/10.5281/zenodo.6328143</a></p>
<b>Book Reviews</b>	<b>Fábregas-Tejeda A.</b> (2023). "Give in to Our Beastly Nature, or How the 'Pop Science' of What Makes Us Human Rose to Prominence." <i>H-Sci-Med-Tech, H-Net Reviews in the Humanities &amp; Social Sciences</i> . <a href="https://www.h-net.org/reviews/showpdf.php?id=56881">https://www.h-net.org/reviews/showpdf.php?id=56881</a>
<b>Articles in Preparation</b>	<p><b>Fábregas-Tejeda A.</b> (revise &amp; resubmit). "Re-Negotiating Organism-Environment Separation."</p> <p><b>Fábregas-Tejeda A</b>, Dani G, Ramsey G. (under review). "Ethospaces and the Comparative Study of Behavior."</p> <p>Hinrichs N, Senatore I, Figueiredo N, Cuffari E, &amp; <b>Fábregas-Tejeda A.</b> (under review). "Asymmetry and Reciprocity in Hyperscanning Psychotherapy."</p> <p><b>Fábregas-Tejeda A.</b> (in preparation). "Closeness, Loans, and Frictions between (Philosophy of) Biology and (Philosophy of) History, 1967-1972."</p> <p><b>Fábregas-Tejeda A</b>, Ramsey G, Gelens L, Smeets B, Wenmackers S. (in preparation). "Constructing Life: Active Matter and Self-Organization Across Synthetic Biology and Artificial Life Research."</p> <p>Ávila-Cascajares, FS, <b>Fábregas-Tejeda A.</b> (in preparation). "Conceptualizing Environments in the Study of Cognition."</p> <p>Nahas A, <b>Fábregas-Tejeda A.</b> (in preparation). "The Debate Over Organismal Agency: Lessons from Contemporary Philosophy of Science."</p> <p>Ramsey G, <b>Fábregas-Tejeda A.</b> (in preparation). "The Matrix Account of Niche Construction."</p> <p>Trappes R, <b>Fábregas-Tejeda A.</b> (in preparation). "Environments and Niches." In: Hansson, S (ed.). <i>Comprehensive Philosophy of Science</i>. Elsevier.</p>

Teaching & Academic  
Service

Undergraduate Teaching

**“Bachelor’s Paper with Seminar: Logic and Analytic Philosophy. Course Topic 2024-2025: Forms of Explanation in Science and Philosophy.”** Final-year Undergraduate Course for Philosophy Majors (in the Dutch and English Programs), KU Leuven (September 2024–June 2025). (The B.A. paper at KU Leuven is equivalent to an undergraduate honors thesis.)

**“Agency in Philosophy and the Sciences: From Plants to Humans”** (co-taught with Jan Baedke). Upper-level Undergraduate Course for Philosophy Majors, Winter Semester 2021, Ruhr University Bochum (October 2021–February 2022).

Graduate Teaching

**“Modeling the World: Representation in Scientific Practice”** (co-taught with Guido I. Prieto). Block Seminar for Students in the Master’s in Philosophy and the Master’s in History, Philosophy and Culture of Science (HPS+), Summer Semester 2023, Ruhr University Bochum (September 2023).

**“Agency in Philosophy and the Sciences: From Plants to Humans”** (co-taught with Jan Baedke). Graduate Course for Students in the Master’s in History, Philosophy and Culture of Science (HPS+), Master’s in Cognitive Sciences, and Master’s in Computational, Psycho- & Theoretical Linguistics, Winter Semester 2021, Ruhr University Bochum (October 2021–February 2022).

**“Cultural Evolution and Philosophy of Science”** (co-taught with Francisco Vergara-Silva, Radamés Villagómez-Reséndiz, and Tania González, in Spanish). Graduate Course for Students in the PhD and Master’s in Philosophy of Science, National Autonomous University of Mexico (UNAM), semester 2019-1 (August–December 2018).

**“Philosophy of Science and Contemporary Trends in Evolutionism”** (co-taught with Francisco Vergara-Silva, in Spanish). Graduate Course for Students in the PhD and Master’s in Philosophy of Science, UNAM, semester 2018-2 (February–June 2018).

**“Evolutionary Developmental Biology”** (co-taught with Francisco Vergara-Silva, in Spanish). Graduate Course for Students in the PhD and Master’s in Biological Sciences, UNAM, semesters 2016-2 (February–June 2016), 2017-2 (February–June 2017), 2019-1 (August–December 2018), and 2020-1 (August–December 2019).

Others Courses

**“Epigenetics and Epigenomics: Historical and Conceptual Dimensions”** (co-taught with Francisco Vergara-Silva, in Spanish). Refresher Course for College of Sciences and Humanities (CCH) High School Teachers, National Autonomous University of Mexico (July 2019).

**Invited Lectures  
(Schools, Undergraduate  
& Graduate Courses)**

Invited lecturer for the course “**Philosophy of Mind/Philosophy of Language: Advanced Course**,” M.A. in Philosophy, KU Leuven (May 2025).

Invited lecturer for the Ettore Majorana International School “**Recentering Neuroscience on Behavior: A Brain-Body-Environment Integrated Approach**,” Ettore Majorana Foundation and International Centre for Scientific Culture, Erice, Sicily, Italy (November 09-14, 2024).

Invited lecturer for the course “Filosofía de la ciencias biológicas (**Philosophy of Biological Sciences**),” Máster en Epistemología de las Ciencias Naturales y Sociales [M.A. in Epistemology of Natural and Social Sciences], Complutense University of Madrid (March 2023, class taught in Spanish).

Invited lecturer for the course “Polémicas contemporáneas de la evolución (**Contemporary Controversies in Evolutionary Biology**),” Licenciatura en Biología [B.Sc. in Biology], National Autonomous University of Mexico, Mexico City (May 2023, June 2020, and March 2019; classes taught in Spanish).

**Supervision**

**Main Supervisor Role**

M.A. Thesis in Philosophy of Physics: “Passing Time and the Ontology of Dynamics: Why Do We Need Metaphysics of Time for Physics?” Master of Philosophy, KU Leuven. (Expected submission: May 2026.)

M.A. Thesis in Philosophy of Biology: “The Concept of Information in Biology and Its Epistemic Usefulness.” Master of Philosophy, KU Leuven. (Expected submission: August 2026.)

Undergraduate Honors Thesis in Epistemology: “Explanation is Question-Sensitive” (submitted May 2025). Bachelor of Philosophy, KU Leuven.

Undergraduate Honors Thesis in General Philosophy of Science: “Explanatory Fictions in Science: A Four-Part Taxonomy” (submitted May 2025). Bachelor of Philosophy, KU Leuven.

Undergraduate Honors Thesis in Philosophy of Medicine: “Explanatory Power and Decision-Making: A Case Study of Vaccination Explanatory Narratives” (submitted May 2025). Bachelor of Philosophy, KU Leuven.

Undergraduate Honors Thesis in Philosophy of Sustainability Science: “The Challenge of Explanatory Pluralism in Interdisciplinary Research About Sustainable Mobility” (in Dutch; submitted May 2025). Bachelor in de wijsbegeerte, KU Leuven.

Undergraduate Honors Thesis in Philosophy of Artificial Intelligence: “An Evaluation of the Explanatory Depth of Contrastive-Counterfactual Explainable Artificial Intelligence (XIA)” (submitted May 2025). Bachelor of Philosophy, KU Leuven.

	Undergraduate Honors Thesis in Philosophy of Language: “An Inquiry into Proper Explanation of Generics and Generic Generalisations” (submitted May 2025). Bachelor of Philosophy, KU Leuven.
	Undergraduate Honors Thesis in Philosophy of Law: “The Grounds of Legal Facts” (in Dutch; submitted May 2025). Bachelor in de wijsbegeerte, KU Leuven.
	Undergraduate Honors Thesis in General Philosophy of Science: “No Understanding Without Prediction? Examining the Predictive Requirement in Explanatory Scientific Understanding” (submitted August 2025). Bachelor of Philosophy, KU Leuven.
	Undergraduate Honors Thesis in Philosophy of Mathematics: “Counter Platonism: Counterfactual Models and Distinctively Mathematical Explanations” (submitted August 2025). Bachelor of Philosophy, KU Leuven.
	Undergraduate Honors Thesis in Logic: “Exceptionalist and Anti-Exceptionalist Perspectives on Logic: A Systematisation of the Debate and the Role of Explanation” (submitted August 2025). Bachelor in de wijsbegeerte, KU Leuven.
<b>Exam &amp; Test Proctor</b>	Bachelor in Philosophy & Bachelor in de wijsbegeerte, KU Leuven (Autumn Semester of Academic Year 2023-2024).
<b>Reviewer of Analytical Summaries in Education</b>	Invited reviewer for the Department of Biology, Faculty of Science and Technology, National Pedagogical University of Colombia (September 2020).
<b>Curricula Development</b>	Student Representative in the Commission to Update the General Curricula for the B.Sc. in Biology, School of Sciences, National Autonomous University of Mexico, Mexico (April 2016-October 2017).
<b>Book Reviews Editor</b>	<i>Journal for General Philosophy of Science</i> , Springer (since January 2023–to date).
<b>Reviewer for</b>	<p><b>Academic Journals</b></p> <p><i>Journal for General Philosophy of Science</i> (2026–to date); <i>The Journal of Philosophy</i> (2025–to date); <i>Revista de Filosofía (Madrid)</i> (2025–to date); <i>Biology &amp; Philosophy</i> (2025–to date); <i>Biological Theory</i> (2025–to date); <i>Biological Reviews</i> (2025–to date); <i>Philosophy of Science</i> (2024–to date); <i>Studies in History and Philosophy of Science</i> (2024–to date); <i>History and Philosophy of the Life Sciences</i> (2024–to date); <i>Acta Biotheoretica</i> (2024–to date); <i>Theory in Biosciences</i> (2024–to date); <i>Biosemiotics</i> (2024–to date); <i>Revista Argentina de Antropología Biológica</i> (2024–to date); <i>Philosophy, Theory, and Practice in Biology</i> (2023–to date); <i>Ecology and Evolution</i> (2023–to date); <i>Evolutionary Biology</i> (2023–to date); <i>Synthese</i> (2022–to date); <i>HOPOS: The Journal of the International Society for the History of Philosophy of Science</i> (2022–to date); <i>Adaptive Behavior</i> (2022–to date); <i>Biological Journal of the Linnean Society</i> (2022–to date); <i>Crítica: Revista Hispanoamericana de Filosofía</i> (2021–to date); <i>BioScience</i> (2020–to date).</p>

	<p><b>Book Publishers (Book Manuscripts &amp; Book Chapters)</b>  Palgrave Macmillan, Humanities (2024–to date); Springer Nature, ‘SpringerBriefs’ book series (2024–to date); Springer Nature, ‘Ecology &amp; Evolution’ book series (2023–to date); Routledge’s The Nineteenth Century Series (2023–to date); Springer Nature, ‘Interdisciplinary Evolution Research’ book series (2022–to date); Prensa de la Facultad de Ciencias ([Publishing House of the School of Sciences of the National Autonomous University of Mexico]), 2022–to date).</p>
<b>Support of Early-Career Researchers</b>	<p><b>Thriving as a Junior Scholar - EPSA Online Series (June–July 2025)</b>  Speaker and discussant for the session “How to Network at Conferences?”</p>
<b>Member of Scientific Committees</b>	<p><b>University of Valencia (Spain)</b>  XIII Research Workshop on Philosophy of Biology and Cognitive Sciences (PBCS XIII) held on December 12-13, 2024.</p> <p><b>University of Malaga (Spain)</b>  XII Research Workshop on Philosophy of Biology and Cognitive Sciences (PBCS XII) held on November 9-10, 2023.</p> <p><b>University of Salamanca-ECyT (Spain)</b>  XI Research Workshop on Philosophy of Biology and Cognitive Sciences (PBCS XI) held on November 3-4, 2022.</p>
<b>Organization of Workshops and Academic Activities</b>	<p><b>Institute of Philosophy, KU Leuven (Belgium)</b>  “Behavior Across the Tree of Life: Theoretical and Methodological Challenges” <b>Interdisciplinary Workshop</b>. Co-organizer with Gianmaria Dani and Grant Ramsey (September 26-27, 2025)</p> <p><b>Konrad Lorenz Institute for Evolution and Cognition Research (Austria)</b>  4<sup>3</sup><sup>rd</sup> <b>Altenberg Workshop in Theoretical Biology: “The Waddingtonian Landscape: Rediscovering Conrad Hal Waddington’s Legacies in Biology and Beyond.”</b> Co-organizer with Francisco Vergara-Silva (June 18-20, 2025)</p> <p><b>Centre for Logic and Philosophy of Science, Institute of Philosophy, KU Leuven (Belgium)</b>  <b>Brown Bag Seminars</b>. Co-organizer with Atahan Erbas (from March 2024–to date).</p> <p><b>University of Buenos Aires (Argentina)</b>  17<sup>th</sup> <b>Edition of the International Congress on Logic, Methodology and Philosophy of Science and Technology</b>. Symposium “Values in Organismal, Environmental and Multi-Species Research in Biology and Biomedicine.” Co-organizer with Jan Baedke, Guido I. Prieto, Abigail Nieves Delgado, and Saana Jukola (July 24-29, 2023)</p> <p><b>Ruhr University Bochum (Germany)</b>  10<sup>th</sup> <b>RUB-Workshop for History and Philosophy of the Life Sciences: “The Place of the Organism in Biology and Medicine”</b></p>

Co-organizer with Jan Baedke, Guido I. Prieto, Saana Jukola and Daniel S. Brooks (November 16-18, 2022)

**Ruhr University Bochum (Germany)**

**9<sup>th</sup> RUB-Workshop for History and Philosophy of the Life Sciences: “The Riddle of Organismal Agency: New Historical and Philosophical Reflections.”** Co-organizer with Jan Baedke and Guido I. Prieto (March 24-25, 2022)

**Cold Spring Harbor (United States of America)**

**2021 Biennial Meeting of the International Society for the History, Philosophy and Social Studies of Biology (ISHPSSB).** Double Session “Borderline Confusion: Unsettled Boundaries in the Life Sciences.” Co-organizer with Jan Baedke, Azita Chellappoo, and Guido I. Prieto (July 13-20, 2021) [online meeting]

**Ruhr University Bochum (Germany)**

**Online ROTO Lecture Series** (<https://rotorub.wordpress.com/roto-lecture-series/>). Co-organizer with Jan Baedke and Guido I. Prieto (from July 2020 to January 2024)

**National Autonomous University of Mexico (Mexico)**

**“What is Wrong with the Machine Conception of the Organism?” (Discussion Workshop with Daniel Nicholson at the Institute for Philosophical Research).** Co-organizer with Francisco Vergara-Silva and Carlos López Beltrán (October 29-31, 2019)

**Refereed Presentations**

**November 2025**

**Philosophy of Science Association**

**Philosophy of Science Around the World 2025**

Nahas A, Fábregas-Tejeda A. “How Not to Reinvent the Wheel: Organismal Agency and the Philosophy of Science.” [online talk].

**July 2025**

**University of Porto (Portugal)**

**2025 Biennial Meeting of the International Society for the History, Philosophy and Social Studies of Biology**

Fábregas-Tejeda A, Ramsey G. “The Matrix Account of Niche Construction.”

**National University of Tucumán (Argentina)**

**II Congreso Latinoamericano de Evolución [Second Latin American Congress on Evolution]**

Fábregas-Tejeda A, Ramsey G. “Cómo la construcción de nicho afecta la deriva de las poblaciones.” [How Niche Construction Affects Population Drift]” [online talk in Spanish].

**April 2025**

**The Westin St. Francis, San Francisco (United States of America)**

**2025 American Philosophical Association Pacific Division Meeting**

Fábregas-Tejeda A, Ramsey G. “Driftability and Niche Construction.”

<b>March 2025</b>	<b>University of Erlangen–Nuremberg (Germany)</b> <b>2025 German Society for Philosophy of Science (GWP) Meeting</b> Prieto G. I, Fábregas-Tejeda A. “Representing with Model Organisms: Toward an Integrated Picture.”
<b>October 2024</b>	<b>University of Minnesota (United States of America)</b> <b>“Philosophy of Science: Past, Present and Future” International Conference</b> Fábregas-Tejeda A. “Towards a Metaphilosophy of Science.”
<b>July 2024</b>	<b>University of York (United Kingdom)</b> <b>British Society for the Philosophy of Science 2024 Annual Conference</b> Sims M, Fábregas-Tejeda A. “On the Prospects of Basal Cognition Becoming Fully Evolutionary: Promising Avenues and Cautionary Notes.”
<b>June 2024</b>	<b>London School of Economics (United Kingdom)</b> <b>6<sup>th</sup> Scientific Understanding and Representation (SURE) Workshop</b> Prieto GI, Fábregas-Tejeda A. “Don’t Call Me a Model: On Organisms as Flexible Model Carriers.”
<b>July 2023</b>	<b>University of Buenos Aires (Argentina)</b> <b>17<sup>th</sup> Edition of the International Congress on Logic, Methodology and Philosophy of Science and Technology</b> Fábregas-Tejeda A. “Measuring and Conceptualizing Organismal Environments: Ontological and Epistemological Issues.”
	<b>University of Toronto (Canada)</b> <b>2023 Biennial Meeting of the International Society for the History, Philosophy and Social Studies of Biology</b> Fábregas-Tejeda A. “Biological Environments <i>vis-à-vis</i> Research Environments: Meaningful Ontological Parallels or a Case of Epistemic Parallax?”
<b>November 2021</b>	<b>Sheraton New Orleans Hotel (USA)</b> <b>2021 Annual History of Science Society Meeting</b> Fábregas-Tejeda A. “Organismal Agents for Biology, Intervenable Populations for Fisheries: The Theories and Practices of E.S. Russell, 1908-1939.” [online talk]
<b>September 2021</b>	<b>University of Turin (Italy)</b> <b>8<sup>th</sup> Biennial Meeting of the European Philosophy of Science Association (EPSA21)</b> Fábregas-Tejeda A. “Re-Negotiating the Organism-Environment Boundary.”
<b>July 2021</b>	<b>Cold Spring Harbor Laboratories (USA)</b> <b>2021 Biennial Meeting of the International Society for the History, Philosophy and Social Studies of Biology (ISHPSSB)</b> Fábregas-Tejeda A. “Drawn, Erased, Re-Negotiated: The Organism-Environment Boundary in Early Twentieth-Century Biology.” [online talk].

<b>September 2020</b>	<p><b>Centre for the History of Universities and Science, University of Bologna (Italy)</b>  <b>9<sup>th</sup> International Conference of the European Society for the History of Science (ESHS)</b>  <b>Fábregas-Tejeda A.</b> “The ‘Organism’ in Post-war Biology: Paths, Boundaries, and Environments.” [online talk].</p>
<b>July 2019</b>	<p><b>University of Oslo (Norway)</b>  <b>2019 Biennial Meeting of the International Society for the History, Philosophy and Social Studies of Biology (ISHPSSB)</b>  <b>Fábregas-Tejeda A.</b> “The Extended Evolutionary Synthesis Debate: Some Ontological, Epistemological and Historical Dimensions.”</p>
<b>April 2019</b>	<p><b>Churchill College, University of Cambridge (United Kingdom)</b>  <b>Evolution Evolving: Process, Mechanism and Theory</b>  <b>Fábregas-Tejeda A, Vergara-Silva F.</b> “The Extended Evolutionary Synthesis Debate: Some Epistemological and Sociological Dimensions.”</p>
<b>June 2018</b>	<p><b>Human Sciences School, National University of Colombia (Colombia)</b>  <b>Third Congress of the Ibero-American Society for Philosophy of Biology</b>  <b>Fábregas-Tejeda A, Vergara-Silva F.</b> “El debate en torno a la Síntesis Evolutiva Extendida: dimensiones epistemológicas, sociológicas, historiográficas, e implicaciones ético-políticas [The Extended Evolutionary Synthesis Debate: Epistemological, Sociological, and Historiographical Dimensions, and Ethico-Political Implications].”</p>
<b>July 2017</b>	<p><b>Biosciences Institute, University of Sao Paulo (Brazil)</b>  <b>2017 Biennial Meeting of the International Society for the History, Philosophy and Social Studies of Biology (ISHPSSB) &amp; Associação Brasileira de Filosofia e História da Biologia 2017 Meeting</b>  <b>Fábregas-Tejeda A.</b> “The Emerging Structure of the Extended Evolutionary Synthesis: Epistemic Turmoil and Alternative Interpretations.”</p>
<b>Keynote Speaker</b>	
<b>June 2026</b>	<p><b>National University of Distance Education (Spain)</b>  <b>XIV Research Workshop on Philosophy of Biology and Cognitive Sciences (PBCS)</b>  <b>Fábregas-Tejeda A.</b> “TBD.”</p>
<b>Invited Presentations</b>	
<b>January 2026</b>	<p><b>ETH Zürich (Switzerland)</b>  <b>Philosophy of Science and History of Technology Colloquium</b>  <b>Fábregas-Tejeda A.</b> “Reappraising the Organism-Environment Pairing.”</p>
<b>October 2025</b>	<p><b>University of Toronto (Canada)</b>  <b>“Dialectical Biology Today: Legacies of Richard Lewontin” Conference</b></p>

- Fábregas-Tejeda A.** “The Many Voices of Isidore Nabi: Richard Levins and Richard Lewontin on Scientific Modeling.”
- September 2025** **Institute of Philosophy, KU Leuven (Belgium)**  
**“Behavior Across the Tree of Life: Theoretical and Methodological Challenges” Interdisciplinary Workshop**  
**Fábregas-Tejeda A, Dani G, Ramsey G.** “Ethospaces for Comparative Behavioral Biology.”
- June 2025** **Konrad Lorenz Institute for Evolution and Cognition Research (Austria)**  
**43<sup>rd</sup> Altenberg Workshop in Theoretical Biology: “The Waddingtonian Landscape: Rediscovering Conrad Hal Waddington’s Legacies in Biology and Beyond.”**  
 Sims M, **Fábregas-Tejeda A.** “Waddington’s Agential Turn.”  
**Fábregas-Tejeda A.** “Attitudinal Matters: Society, Normativity, and Naturalism in Waddingtonian Philosophy of Science.”
- May 2025** **University of Oviedo (Spain)**  
**“The Philosophy of Lineages” International Workshop**  
**Fábregas-Tejeda A, Ramsey G.** “The Matrix Account of Niche Construction.”
- February 2025** **University of the Basque Country (Spain)**  
**IAS-Research Seminar, Centre for Life, Mind & Society**  
**Fábregas-Tejeda A, Sims M.** “On the Prospects of Basal Cognition Research Becoming Fully Evolutionary: Promising Avenues and Cautionary Notes.”  
**Eawag: Swiss Institute of Aquatic Science and Technology (Switzerland)**  
**SNSF Scientific Exchanges: “Philosophical Foundations of Evolutionary Ecology” Workshop**  
**Fábregas-Tejeda A.** “Organisms, Environments, and Niche Construction.”
- January 2025** **Jagiellonian University (Poland)**  
**Seminar of the Department of Philosophy of Natural Sciences**  
**Fábregas-Tejeda A.** “The Concept of ‘Research Environment’ in the Philosophy of Science.”
- December 2024** **Catholic University of Louvain (Belgium)**  
**Center for the Philosophy of Science and Society (CEFISES) Seminar**  
**Fábregas-Tejeda A, Sims M.** “On the Prospects of Basal Cognition Becoming Fully Evolutionary: Promising Avenues and Cautionary Notes.”
- October 2024** **National Autonomous University of Mexico (Mexico)**  
**“History, Philosophy and Evolution” International Colloquium**

	<p>Fábregas-Tejeda A, Ramsey G. “Cómo la construcción de nicho afecta la deriva de las poblaciones [How Niche Construction Affects Population Drift]” [online talk in Spanish].</p>
July 2024	<p><b>University of Ljubljana (Slovenia)</b>  <b>“The Organic and the Normative: Prospects and Challenges of Vital Normativity” International Conference</b>  Fábregas-Tejeda A. “The Pulses of Vital Normativity: A Metaphilosophical Bird’s-Eye-View.”</p>
June 2024	<p><b>University of Vienna (Austria)</b>  <b>Satellite Symposium ahead of the Federation of European Neuroscience Societies (FENS) Forum 2024: “Too Complex to Understand? Bridging Neuroscience and Philosophy to Build New Tools to Study the Brain”</b>  Ávila-Cascajares FS, Fábregas-Tejeda A. “Conceptualizing Environments in the Study of Cognition.”</p>
May 2024	<p><b>Bielefeld University (Germany)</b>  <b>I<sup>2</sup>SoS Kolloquium, Institute for Interdisciplinary Studies of Science</b>  Prieto GI, Fábregas-Tejeda A. “Not Models but Model Carriers: A Fresh Look at Model Organisms.”</p>
April 2024	<p><b>Harvard University (United States of America)</b>  <b>History and Philosophy of Biology Study Group, Department of Organismic and Evolutionary Biology</b>  Fábregas-Tejeda A. “Re-Appraising the Organism-Environment Relationship in Biology” [online talk].</p>
March 2024	<p><b>Veracruz University (Mexico)</b>  <b>Second Symposium: 21<sup>st</sup> Century-Panoramas for the Philosophy and History of Biology</b>  Fábregas-Tejeda A. “Dos desafíos ontogenéticos para las teorías de individuación de caracteres [Two Ontogenetic Challenges to Theories of Trait Individuation]” [online talk in Spanish].</p>
March 2023	<p><b>Complutense University of Madrid (Spain)</b>  <b>BioKoinos Research Seminar</b>  Fábregas-Tejeda A. “¿Qué es el ambiente de un organismo cuando se postula como <i>relatum</i>? Un exploración metafísica y epistemológica [What Is an Organismal Environment When Posited as <i>Relatum</i>? A Metaphysical and Epistemological Exploration].”</p>
November 2022	<p><b>Instituto de Filosofía, Universidad de Valparaíso (Chile)</b>  <b>2022 Cycle of the Ibero-American Association of Philosophy of Biology</b>  Fábregas-Tejeda A. “Filosofía de la explicación y el debate en torno a la Síntesis Evolutiva Extendida [Philosophy of Explanation and the Extended Evolutionary Synthesis Debate]” [online talk].</p> <p><b>Ruhr University Bochum (Germany)</b>  <b>“The Place of the Organism in Biology and Medicine” Workshop</b></p>

- Fábregas-Tejeda A. “Symmetries and Asymmetries in the Organism-Environment Relationship.”
- March 2022** **Ruhr University Bochum (Germany)**  
**“The Riddle of Organismal Agency: New Historical and Philosophical Reflections” Workshop**  
 Fábregas-Tejeda A. “Charting Contrasting Stances on Organismal Purposiveness and Agency in Early Twentieth-Century Biology.”
- December 2021** **Ghent University (Belgium)**  
**“Life-Philosophies: Exploring Heterodox Naturalism” Seminar**  
 Fábregas-Tejeda A. “Organismal Purposiveness in Early Twentieth-Century (Philosophy Of) Biology: From Ontological Principle to *Explanandum*” [online talk].
- May 2021** **Ruhr University Bochum (Germany)**  
**RUB Kolloquium zur Wissenschaftstheorie und Wissenschaftsgeschichte**  
 Fábregas-Tejeda A. “Organismal Agency on the Fringes of Early Twentieth-Century Biological Science? The Cases of E. S. Russell and R. S. Lillie” [online talk].
- March 2019** **Ruhr University Bochum (Germany)**  
**7<sup>th</sup> RUB-Workshop for History and Philosophy of the Life Sciences: “The Extended Evolutionary Synthesis: Philosophical and Historical Dimensions”**  
 Fábregas-Tejeda A. “Explanation and the Extended Evolutionary Synthesis: Explanatory Integration, Epistemic Goals, and Explanatory Power.”
- November 2016** **Rafael Galván Academic House, Metropolitan Autonomous University (Mexico)**  
**Niche Construction Theory Workshop**  
 Fábregas-Tejeda A. “Trazando puentes dialógicos en el evolucionismo contemporáneo con la teoría de construcción de nicho [Building Dialogical Bridges in Contemporary Evolutionism with Niche Construction Theory].”
- National Academy of Sciences, Washington, D.C. (USA)**  
**International Meeting “Evolutionary Theory: A Hierarchical Perspective”**  
 Fábregas-Tejeda A, Vergara-Silva F. “Hierarchy Theory of Evolution and the Extended Evolutionary Synthesis: Some Epistemic Bridges, Some Conceptual Rifts.”

## Outreach & Public Communication

<b>Non-Academic Books</b>	<b>Fábregas-Tejeda A.</b> (2023). <i>Entelequia de sueños</i> [Entelechy of Dreams]. La Tinta del Silencio [Short-story collection that explores philosophical topics through literary fiction]. <a href="https://latintadelsilencio.com/tienda/entelequia-de-suenos/">https://latintadelsilencio.com/tienda/entelequia-de-suenos/</a>
<b>Blog Posts</b>	<b>Fábregas-Tejeda A.</b> “The Extended Evolutionary Synthesis: Philosophical and Historical Dimensions’ Workshop Report.” <a href="https://extendedevolutionarysynthesis.com/the-extended-evolutionary-synthesis-philosophical-and-historical-dimensions-workshop-report/">https://extendedevolutionarysynthesis.com/the-extended-evolutionary-synthesis-philosophical-and-historical-dimensions-workshop-report/</a>
<b>Editorship</b> <b>September 2020-to date</b>	Editor of the bilingual (Spanish & English) magazine of anthropological and cultural interest <i>Íconema</i> ( <a href="https://iconema.com.mx/">https://iconema.com.mx/</a> )
<b>Social Networks</b>	
<b>September 2025-to date</b>	Community manager of the academic BlueSky account of the Centre for Logic and Philosophy of Science (Institute of Philosophy, KU Leuven): @clpskuleuven.bsky.social
<b>April 2025-to date</b>	Co-community manager of the academic BlueSky account of The Ramsey Philosophy of Biology Lab at KU Leuven with Andra Meneganzin: @theramseylab.bsky.social
<b>November 2023-to date</b>	Community manager of the academic BlueSky account of the <i>Journal for General Philosophy of Science</i> : @jgps.bsky.social
<b>March 2020-December 2023</b>	Community manager of the academic X and BlueSky accounts of the DFG-funded Emmy Noether Research Group “The Return of the Organism in the Biosciences: Theoretical, Historical, and Social Dimensions”: @RotoRub, @roto-rub.bsky.social

## References

### **Grant Ramsey**

BOFZAP Research Professor  
Institute of Philosophy, KU Leuven, Belgium  
[grant.ramsey@kuleuven.be](mailto:grant.ramsey@kuleuven.be)

### **Jan Baedke**

Chair of Philosophy and History of Science  
Department of Philosophy I, Ruhr University Bochum, Germany  
[Jan.Baedke@rub.de](mailto:Jan.Baedke@rub.de)

### **Abigail Nieves Delgado**

Associate Professor  
Freudenthal Institute, Utrecht University, The Netherlands  
[a.nievesdelgado@uu.nl](mailto:a.nievesdelgado@uu.nl)

**Francisco Vergara-Silva**  
Full Professor  
Institute of Biology, National Autonomous University of Mexico, Mexico  
[fvs@ib.unam.mx](mailto:fvs@ib.unam.mx)