**CARLOS LARA-ROMERO**
***Curriculum vitae. August 2026***

## PERSONAL INFORMATION


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|---|---|---|
| Researcher numbers | Orcid code | 0000-0003-0962-0567 |
| | Scopus Author ID | 49863520300 |
| | ResearcherID | E-5549-2012 |
| Address | carlos.lara@urjc.es | |
| | Universidad Rey Juan Carlos, Departamental II, C/ Tulipan S/N, E-28933, Móstoles (MADRID), Spain. | |


## SUMMARY


As an **Associate Professor in Botany at Rey Juan Carlos University**, my work focuses on understanding ecological systems and promoting their conservation through **data-driven approaches**. I combine fundamental research in ecology and evolution with applied strategies for biodiversity management, while fostering data literacy among students and colleagues.

My academic career is supported by a strong research record: **66 publications**, including **27 in top-quartile journals**, with **1,400 citations (h-index: 24)**. **Fifteen of these articles are positioned in the top quartile of the most cited works worldwide**, based on CiteScore indicators. These contributions span diverse areas, from **plant-pollinator and plant-plant interactions to genetic adaptation under environmental change**. Through studies published in leading journals such as *Science*, *Nature Ecology & Evolution, Global Change Biology, Functional Ecology, Journal of Biogeography*, *Journal of Ecology, Heredity* and *Oikos*, I have advanced knowledge on biotic interactions and their role in plant fitness. My research also addresses **applied challenges**, including pollinator restoration, invasive species management, and assisted evolution techniques in plants.

Leadership has been constant throughout my career. I have secured **competitive funding of approximately 850,000 € as Principal Investigator** in European and Spanish projects and currently **lead two active research and transfer initiatives involving more than ten researchers**. I have supervised **17 undergraduate and 8 master's theses**, as well as a **completed PhD**, with **two more in progress**. Beyond supervision, I actively contribute to scientific dialogue by **organizing symposia and seminars** that foster interdisciplinary collaboration.

My work has a strong **international dimension**. I participate in global networks such as GrENE-net, sINTERVAL, fungreen, and COUSIN, and have accumulated **32 months of experience in leading research centers across Europe**. Additionally, I serve as **Subject Editor for *Plant Biology* and *Mediterranean Botany***, reinforcing my commitment to scientific excellence.

I am deeply committed **to sustainability and knowledge transfer**. I am the **Scientific Head of the Biological Big Data Laboratory** at URJC, promoting interdisciplinary collaboration and **data-driven solutions for biodiversity conservation**. As Academic **Coordinator for Environmental, Energy, and Social Sustainability at URJC**, I oversee strategies that promote biodiversity conservation, energy efficiency, and social responsibility at an institutional level. Beyond these roles, my transfer activities focus primarily on the conservation of crop wild relatives. These contributions include **shaping national plant conservation policies**, **developing genetic resource repositories**, and **contributing to the Spanish Red Book of Threatened Species**. Through **specialized courses in statistics and programming**, I foster data literacy and enable researchers to apply advanced analytical tools.

## EDUCATION

Ph.D. in Natural Resources Conservation, Universidad Rey Juan Carlos (URJC, Spain), 2014*

*Extraordinary Award for Ph.D., URJC, Spain, 2017.

M.S. in Science and Environmental Technology, URJC, Spain, 2009

B.S. in Environmental Science, URJC, Spain, 2008

## POSITIONS HELD

2025-Current. **Associate Professor of Botany**, Department of Biology, Rey Juan Carlos University (URJC), Madrid, Spain.

2023-2025. **Assistant Professor of Botany**, Biodiversity and Conservation Area, Rey Juan Carlos University (URJC), Madrid, Spain.

2022. **Assistant Professor of Botany**, Faculty of Pharmacy - Section of Botany, Complutense University of Madrid (UCM), Spain.

2021- 2022. **Research Fellow (Juan de la Cierva Incorporación)**, Biodiversity and Conservation Area, Rey Juan Carlos University (URJC), Madrid, Spain.

2020-2021. **Postdoctoral researcher,** Group of Biological Invasions. Life Science Department, University of Alcalá (UAH), Madrid, Spain.

2019. **Postdoctoral researcher,** Biodiversity and Conservation Area, URJC, Madrid, Spain.

2017- 2019. **Postdoctoral fellow (Juan de la Cierva Formación)**, Mediterranean Institute for Advanced Studies (IMEDEA), Spanish National Research Council (CSIC), Balearic Island, Spain.

2016. P**ost-doctoral lecturer,** Technical Particular University of Loja (UTPL), Natural Science Department, Ecuador.

2015. **Visiting postdoctoral researcher** (ESF Grant), Swiss Federal Institutes of Technology (ETH), Zurich, Switzerland.

2010-2014. **Predoctoral fellow (FPI),** Biodiversity and Conservation Area, URJC, Madrid, Spain.

2007-2008. **Assistant Scholar**, Biodiversity and Conservation Area, URJC, Madrid.

## STAYS IN RESEARCH CENTRES

1. May 2022 – Aug 2022 (4 months, postdoctoral). **French National Research Institute for Agriculture, Food, and the Environment (INRAE), BIOGECO Research Unit, Bordeaux** (with Santiago González-Martinez).
2. Sept 2018 – Apr 2019 (8 months, postdoctoral). **INRAE, BIOGECO Research Unit, France** (with Santiago González-Martinez).

   Relevant results: Lara-Romero C et al 2026. Heredity, 135: 422–435.
3. Feb 2014 – April 2014 (3 months, predoctoral). **Research Center in Biodiversity and Genetic Resources** (**CIBIO/InBio**), **Portugal** (with Cristina Garcia).

   Relevant results: Lara-Romero et al 2016. Functional Ecology, 30: 1521-1530. Oct 2012 – Dic 2012
4. (3 months, predoctoral). **Swiss Federal Institutes of Technology (ETH)**, Institute of Integrative Biology, **Zurich**, **Switzerland** (with Alex Widmer).

   Relevant results: Lara-Romero et al 2016. Heredity, 116: 417-423.

5. Nov 2012 - Dic 2012. (2 months, predoctoral). Evolutionary biology Center, **Uppsala University**, **Sweden** (with Jon Agren).
   Relevant results: Lara-Romero et al 2014. Bot J Linn Soc, 176: 284 - 395.
6. Oct 2011 – Dic 2011 (3 months, predoctoral). **Swiss Federal Institutes of Technology** (**ETH**), Institute of Integrative Biology, **Zurich, Switzerland** (with Alex Widmer).
   Relevant results: García-Fernández et al 2012. American Journal of Botany, 99: 292 - 294.

## RESEARCH & KNOWLEDGE TRANSFER PROJECTS

### RESEARCH PROJECTS

- Crop Wild Relatives utilisation and conservation for sustainable agriculture (COUSIN: 101135314). European commission Programme HORIZON-CL6-2023-BIODIV-01. PIs: Christian Schöb. Duration: 2024-2029. Budget (URJC share): 675 192 €.
- Drought adaptation in Crop Wild Relatives: an integrative approach (DACWIRE: PID2021-127841OA). *Spanish National R&D&I Plan.* PIs: **Carlos Lara-Romero**, Alfredo García-Fernández. Duration: 2022-2026. Budget: 176 600 €
- Diversity of biotic interactions and their role in the ecosystem functioning of forest restorations. (TED2021-132053B-I00). *Spanish National R&D&I Plan).* PI: Ana García-Cervigón, Isabel Martínez. Duration: 2022-2024. Budget: 225 300 €.
- Translocations of flora and fauna for conservation and restoration: ecological, evolutionary, and socio-economic impacts at multiple scales (TRANSLOC: PCI2022-132977). *BiodivERsA-plus (European Biodiversity Partnership).* PI: Alfredo García-Fernández. Duration: 2022-2025. Budget (URJC share): 55 999 €
- INTERaction Variation along ALtitudinal gradients (sINTERVAL). *Deutsche Forschungsgemeinschaft* (German Research Society). PI: Tiffany Knight. Duration: 2021-2023. Budget: 44 230 €
- Determinants of the success of exotic trees across different invasion stages (EXARBIN: RTI2018-093504-B-100). *Spanish National R&D&I Plan*. PI: Pilar Castro. Duration: 2019 – 2021. Budget: 102 805 €.
- Effects of global change on small island trophic meta-networks (ISLET-FOODWEBS: CGL2017-88122-P). *Spanish National R&D&I Plan*. PI: Anna Traveset. Duration: 2018 – 2020. Budget: 193 600 €.
- Assisted evolution of flowering time as a response to climate change (EVA: CGL2016-77377). *Spanish National R&D&I Plan*. PI: Jose Iriondo. Duration: 2017 – 2020. Budget: 165 000 €.
- Networking, partnerships and tools to enhance in situ conservation of European plant genetic resources (Farmer's Pride: 774271). *EU's H2020 programme*. PI: Jose Iriondo. Duration: 2017 – 2020 Budget (URJC share): 202 050 €.
- Functional connectivity and green infrastructure. (FunGreen: PCIN-2016-077). ERA-NET BiodivERsA. *EU's H2020 Programme*. PI: Anna Traveset. Duration: 2016 – 2019. Budget (URJC share): 148 500 €.
- Local adaptation in high-mountain plants: an integrated perspective (AdAptA:CGL2012-44528). *Spanish National R&D&I Plan*. PI: José Iriondo. Duration: 2013 – 2016. Budget: 112 000 €.
- Modelos y Análisis demográficos para la evaluación de la persistencia y propuestas de manejo de especies leñosas con sus usos maderables y no maderables de las regiones montañosas secas de Ecuador. *Technical Particular University of Loja*, Ecuador. PI: E. Gusman. Duration: 2014 – 2015. Budget: 13 770 €.

- Who dispersers who? Size-related properties of plant-frugivore interactions in the Tumbesian dry forest. *Technical Particular University of Loja*, Ecuador. PI: Gema Escribano. Duration: 2015. Budget: 2 500 €.
- Determinants of distribution limits of high-mountain plants and expected responses to global change (LIMITES: CGL2009-07229). *Spanish National R&D&I Plan*. PI: José Iriondo Duration: 2010 – 2014. Total amount: 95 000 €.
- Calidad del hábitat, conservación del nicho y conservación de mamíferos en un mundo cambiante (CALCOFIS: CGL2009-13013). *Spanish National R&D&I Plan*. PI: Emilio Virgós. Duration: 2010-2012. Budget: 136 730 €.
- An Integrated European in Situ Management Work plan: Implementing Genetic Reserves and On Farm Concepts (AGRI GENRES 057: AEGRO). *European Comission*. PI: Jose Iriondo. Duration: 2007-2010. Budget (URJC share): 67 196 €
- Efectos de los cambios en los usos del suelo y el clima en la distribución, abundancia y eficacia biológica de tres especies de hábitats templados en el mediterráneo (CGL2005-07681). *Spanish National R&D&I Plan*. PI: Emilio Virgós. Duration: 2006-2008. Budget: 33 320 €.

**KNOWLEDGE TRANSFER PROJECTS**

- TRANSIT-HEI: Green Transition in Higher Education Institutions in Latin America (101324754). Erasmus+ Capacity Building in Higher Education (ERASMUS-EDU-2026-CBHE-REGION-10), European Education and Culture Executive Agency (EACEA). PI (URJC share): **Carlos Lara-Romero**. Duration: 2027-2028. Budget (URJC share): 82 000 €. (Total Project EU Grant: 353 291 €).
- Pruebas para el estudio de la tolerancia al estrés en Lupinus. RIKEN (Institute of Physical & Chemical Research), Japan. PI: Natalia González Benítez, Duration: 2026-2031. Budget: 819 €.
- Development of the Spanish Strategy for the Conservation of Crop wild Relatives and Wild Plants for Food Use (202205000049). Spanish Ministry of Agriculture, Fisheries and Food. PIs: **Carlos Lara-Romero** & José Iriondo. Duration: 2023-2026. Budget: 175 618 €.
- Support for ECPGR Working Group Chairs and ExCo Meetings, March 2026 (L25ROM190). *International Plant Genetic Resources Institute (Bioversity International)*. PIs: **Carlos Lara-Romero**, José Iriondo. Duration: 2026. Budget: 5 160 €.
- Contrato de servicios científico - técnicos para la elaboración de un documento base indicativo de los recursos humanos y medios materiales que garanticen la correcta implantación y mantenimiento de reservas genéticas de parientes silvestres de los cultivos y plantas silvestres de uso alimentario en España. Ministerio De Agricultura Pesca y Alimentación. PIs: **Carlos Lara-Romero, José Iriondo**. Duration: 2025. Budget 1 633 €.
- Trabajos para prestar formación botánica, teórica y práctica, de especies características de los Tipos de Hábitat de Interés Comunitario (THIC) de pastos y turberas (CEAMN-3081181-111733). Tecnologias y Servicios Agrarios (TRAGSA). PI: **Carlos Lara-Romero**. Duration: 2025. Budget: 4 545 €.
- Seguimiento del Estado de Conservación en España de las Especies de Flora Autóctona Protegida (2024/SART60-130200). Fundación Universidad Autonoma de Madrid. PI: A. García-Fernández. Duration: 2024-2025. Budget: 896 €.
- Extension of EURISCO for Crop Wild Relatives (CWR) in situ data and preparation of pilot countries' data sets (L21ROM198). *International Plant Genetic Resources Institute (Bioversity International)*. PIs: **Carlos Lara-Romero**, José Iriondo. Duration: 2022-2023. Budget: 15 000 €.

## PUBLICATIONS

Citations: 1400, H-Index: 24, i10-index: 36 (as of Google Scholar in August 2026)

* Corresponding author

### Articles in peer-reviewed journals

1. Sakhalkar, SP *et al,.* (80/141) 2026. Global patterns in plant–pollinator specialisation. *Nature Ecology & Evolution*. 00-00. JIF: 17.1 (2/54, Evolutionary Biology, D1; 2/205, Ecology, D1)
2. **Lara-Romero, C***; Iriondo, J. M; García-Fernández, A; Morente-López, J; Sacristán-Bajo, S; González-Martínez, SC. 2026. Adaptive value of marginal populations: integrating selective signals, neutral processes and temporal scales. *Heredity*, 135 422–435: 00. JIF: 2.6 (25/54, Evolutionary Biology, Q2). https://hdl.handle.net/10115/467357
3. Wu, X *et al.*, (37/74) 2026. Rapid adaptation and extinction in synchronized outdoor evolution experiments of *Arabidopsis*. *Science,* 391, eadz0777. JIF: 47.3 (3/140, Multidisciplinary Science, D1). http://hdl.handle.net/10261/433182
4. Sacristán-Bajo, S; **Lara-Romero, C*;** García-Fernández, A; Prieto-Benitez, S; Morente-López, J; Rubio Teso ML; Torres, E; Iriondo, JM. 2026. In situ evaluation of artificial selection and assisted gene flow for the advancement of flowering onset in *Lupinus angustifolius L.* (Fabaceae). *Annals Of Botany,* 137, 2224-2234. JIF: 4.1 (61/285, Plant Science, Q1). https://hdl.handle.net/10115/192457
5. Sacristán-Bajo, S; **Lara-Romero, C*;** García-Fernández, A; Prieto-Benitez, S; Morente-López, J; Rubio Teso ML; Torres, E; Iriondo, JM. 2025. Assisted gene flow management to climate change in the annual legume *Lupinus angustifolius* L.: from phenotype to genotype. *Evolutionary Applications,* 18, e70087. JIF: 3.2 (16/54, Evolutionary Biology, Q2). https://hdl.handle.net/10115/79337
6. Lanuza, JB *et al.,* (54/115). 2025. EuPPollNet: A European database of plant-pollinator networks. *Global Ecology and Biogeography* 34:e70000. JIF: 6.5 (17/205, Ecology, D1). http://hdl.handle.net/10261/392771
7. Traveset, A; **Lara-Romero, C***; Santamaría, S; Escribano-Ávila, G; Bullock, JM; Honnay, O; Hooftman, AP; Kimberley, A; Crickl, P; Plue,J; Poschlod, P; Cousins, SAO. 2024. Effect of green infrastructure on restoration of pollination networks and plant performance in semi-natural dry grasslands across Europe. *Journal of Applied Ecology,* 61, 1015-1028. JIF: 4.8 (6/73, Biodiversity Conservation, D1; 26/200, Ecology, Q1). https://hdl.handle.net/10115/36893
8. García, Y; Giménez-Benavides, L; Iriondo, JM; **Lara-Romero, C***; Méndez, M; Morente-López, J; Santamaría, S. 2024. Addition of nocturnal pollinators modifies the structure of pollination networks. *Scientific Reports,* 14:1226. JIF: 3.9 (25/135, Multidisciplinary Science, Q1). https://hdl.handle.net/10115/28496
9. Poyatos, C; Sacristán-Bajo, S; Tabarés, P; Prieto-Benitez, S; Rubio Teso, ML; Torres, E; Morente-López, J; **Lara-Romero, C**; Iriondo, JM; García-Fernández, A. 2023. Differential patterns of within- and between-population genetically-based trait variation in *Lupinus antustifolius*. *Annals of Botany*, 23, 541-552. JIF: 3.6 (56/265, Plant Science, Q1). https://hdl.handle.net/10115/26795
10. Torres, E; García-Fernández, A; Iñigo, D; **Lara-Romero, C**; Morente-López, J; Prieto-Benitez, S; Rubio-Teso, ML; Iriondo, JM. 2023. Facilitated adaptation as a conservation tool in the present climate change context: a methodological approach. *Plants,* 12: 1258. JIF: 4.0 (46/265, Plant Science, Q1). https://hdl.handle.net/10115/26689

11. Sacristán-Bajo, S; García-Fernández, A; **Lara-Romero, C**; Prieto-Benitez, S; Tabarés, P; Morente-López, J; Rubio Teso ML; Alameda-Martín, A; Torres, E; Iriondo, JM. 2023. Population origin determines the adaptive potential for the advancement of flowering onset in *Lupinus angustifolius* L. (Fabaceae)**.** *Evolutionary Applications,* 16: 62-73*.* JIF: 3.5 (14/54, Evolutionary Biology, Q2). https://hdl.handle.net/10115/26690
12. Bartomeus, I; Lanuz, JB; Woods, TJ; [...] **Lara-Romero, C**; et al. 2022. Iberian bees dataset. *Ecosistemas*, 31:2380*.* JIF: 0.7 (162/190, Ecology, Q4). https://hdl.handle.net/10481/81632
13. **Lara-Romero, C***; Ruiz-Benito, P; Castro-Díez, P. 2022. Functional traits and propagule pressure explain changes in the distribution and demography of non-native trees in Spain. *Journal of Vegetation Science, 33: e13131.* JIF: 2.8 (19/69, Forestry, Q2). https://hdl.handle.net/10115/24354
14. Morente-López, J; Kass, J; **Lara-Romero, C**; Serra-Díaz, P; Soto-Correa, JC; Anderson, R; Iriondo, JM 2022. Linking ecological niche models and common garden experiments to predict phenotypic differentiation in stressful environments: assessing the adaptive value of marginal populations in an alpine plant. *Global Change Biology, 28*: 4143-4162*.* JIF: 11.6 (1/65, Biodiversity Conservation, D1). https://hdl.handle.net/10115/26538
15. Morán-López, T; Benadi, G; **Lara-Romero, C**; Chacoff, N; Vitali, A; Pescador, D; Lomascolo, SB; Morente-López, J; Vázquez, DP; Morales, JM. 2022. Flexible diets enable pollinators to cope with changes in plant community composition. *Journal of Ecology*, 110: 1913-1927. JIF: 5.5 (28/238, Plant Science, Q1). http://hdl.handle.net/11336/209843
16. Lázaro-Lobo, A; Ruiz-Benito, P; **Lara-Romero, C**; Castro-Díez, P. 2022. Biotic, abiotic, and anthropogenic drivers of demographic performance of non-native Eucalyptus and Pinus species in forested areas of Spain. *Forest Ecology and Management*, 15:120111. JIF: 3.7 (8/69, Forestry, Q1). http://hdl.handle.net/10017/50906
17. Rubio Teso, ML**; Lara-Romero, C**; Rubiales, D; Parra-Quijano, M; Iriondo, JM 2022. Searching for abiotic tolerant and biotic stress resistant wild lentils for introgression breeding through predictive characterization. *Frontiers in Plant Science* 13:817849. JIF: 5.6 (27/238, Plant Science, Q1). https://hdl.handle.net/10115/30728
18. Morente-López, J; **Lara-Romero, C**; Garcia-Fernádez, A; Rubio-Teso, ML; Prieto-Benítez, S; Iriondo, JM. 2021. Gene flow effects on populations inhabiting marginal areas: origin matters. *Journal of Ecology*, 109: 139-153*.* JIF: 6.38 (21/279, Plant Science, D1). https://hdl.handle.net/10115/26537
19. Prieto-Benítez, S; Morente-López, J; Rubio Teso, M; **Lara-Romero, C**; Garcia-Fernádez, A; Rubio-Teso, ML; Torres, E; Iriondo, JM. 2021. Evaluating assisted gene flow in marginal populations of a high mountain species. *Frontiers in Ecology and Evolution,* 9: 638837*.* JIF: 4.493 (45/173, Ecology, Q2).
20. Rubio Teso, MLR; Álvarez-Muñiz, C; Gaisberger, H; Kell, S; **Lara-Romero, C**; Brehm, J M; Iriondo, JM 2021. Crop wild relative conservation in the Natura 2000 network. *Crop wild relatives* 13: 19-22.
21. Morente-López, J; **Lara-Romero, C**; Garcia-Fernádez, A; Rubio Teso, M; Prieto-Benítez, S; Iriondo, JM. 2021. Marginal areas in alpine ecosystems: definition and evolutionary value in a context of climate change. *Ecosistemas*, 30: 2178*.* JIF: 0.7 (163/192, Ecology, Q4).
22. Escribano-Ávila, G.; **Lara-Romero, C.**; García-Fernandez, A.; Pons, S.; Traveset, A. (2021). ¿Camino de la extinción local? Efectos derivados de la pérdida de dispersores en la estructura genética, espacial y sus consecuencias para la persistencia de *Cneorum tricoccon* en Menorca. *Revista de Menorca*, 101, 10-20.

23. Morente-López, J; Scheepens, J.F; **Lara-Romero, C**; Ruiz-Checa, R; Tabarés, P; Iriondo JM. 2020. Past selection shaped phenological differentiation among populations at contrasting elevations in a Mediterranean alpine plant. *Environmental and Experimental Botany*, 170: 103894. JIF: 5.545 (20/235, Plant Science, D1). https://hdl.handle.net/10115/26539
24. **Lara-Romero, C ***; Seguí, J; Pérez-Delgado, A; Nogales, M; Traveset, A. 2019. Beta diversity and specialization in plant-pollinator networks along an elevational gradient. *Journal of Biogeography*, 46: 1598-1610. JIF: 3.732 (35/168, Ecology, Q1). https://hdl.handle.net/10115/26535
25. Naranjo, C; Iriondo, JM; Riofrío, M; **Lara-Romero, C***. 2019. Evaluating the structure of commensalistic epiphyte–phorophyte networks. A comparative perspective of biotic interactions. *AoB Plants*, 11, plz011. JIF: 2.182 (81/168, Ecology, Q2). https://hdl.handle.net/10115/26532
26. Horcajada-Sánchez F; Escribano-Ávila G; **Lara-Romero C**; Virgós E; Barja I. 2019. The effect of livestock on the physiological condition of roe deer, *Capreolus capreolus* (Artiodactyla: Cervidae) is modulated by habitat quality. *Scientific Reports***,** 9: 15953**.** JIF: 3.998 (17/71, Multidisciplinary Science, Q1).
27. Sacristán-Bajo, S; García-Fernández, A; Iriondo, J; **Lara-Romero, C***. 2019. Transcriptome assembly and polymorphism detection in *Silene ciliata* (Caryophyllaceae). *Plant Genetic Resources***,** 17:452-455. JIF: 0.869 (179/234, Plant Sciences, Q4). http://hdl.handle.net/10261/204527
28. Morente-López, J; **Lara-Romero, C*#**; Ornosa, C; Iriondo, J.M. 2018. Phenology drives species interactions and modularity in a plant - flower visitor network**.** *Scientific Reports*, 8, pp. 9386. JIF: 4.011 (15/69, Multidisciplinary Science, Q1). https://hdl.handle.net/10115/26536

    *# J. Morente-López and C. Lara-Romero contributed equally to this publication.*
29. Morente-López, J; García, C**; Lara-Romero, C**; García-Fernández, A; Draper, D; Iriondo, J. 2018 Geography and environment shapes landscape genetics of Mediterranean alpine species *Silene ciliata* Poiret. (Caryophyllaceae). *Frontiers in Plant Science*, 9:1698. JIF: 4.106 (20/228, Plant Science, D1). https://hdl.handle.net/10115/27229
30. Iglesias-Merchan, C; Horcajada-Sánchez, F; Diaz-Balteiro, L; Escribano-Ávila, G; **Lara-Romero, C**; et al. 2018. A new large-scale index (AcED) for assessing traffic noise disturbance on wildlife: stress response in a roe deer (*Capreolus capreolus*) population. *Environmental monitoring and assessment*, 190, 185. JIF: 1.959 (142/252, Environmental Science, Q3).
31. Giménez-Benavides*, L; Escudero, A; García-Camacho, R; García-Fernández, A; Iriondo, J**; Lara-Romero**, C; Morente, J. 2018. How does climate change affect regeneration of Mediterranean mountain plants? An integration and synthesis of current knowledge. *Plant Biology*, 20: 50-62. JIF: 2.393 (68/228, Plant Science, Q2).
32. **Lara-Romero, C***; Gusman, E; Ramón, P; Velez, D; Espinosa, CI. 2017. Does size matter? Ontogenetic responses of an Andean shrub to conspecific density-dependence. *Pespectives in plant Ecology, Evolution & Systematics (PPES)*, 25: 59-67. JIF: 2.82 (48/223, Plant Science, Q1). https://hdl.handle.net/10115/26540
33. **Lara-Romero, C***. 2017. Adjustment, interpretation and presentation of linear models: p-value is not enough*. Ecosistemas* 26: 64-66*.* JIF: 0.7 (163/192, Ecology, Q4).
34. **Lara-Romero, C***; García, C; Morente-López, J; Iriondo, J.M. 2016. Direct and indirect effects of shrub encroachment on alpine grasslands mediated by plant-pollinator interactions. *Functional Ecology*, 30: 1521–1530. JIF: 5.63 (14/153, Ecology, D1). https://hdl.handle.net/10115/30720

35. **Lara-Romero, C**[*]; de la Cruz, M; Escribano-Ávila, G; García-Fernández, A; Iriondo, JM. 2016. What causes conspecific plant aggregation? Disentangling the role of dispersal, habitat heterogeneity and plant–plant interactions. *Oikos*, 125: 1304–1313. JIF: 4.03 (32/153, Ecology, Q1). https://hdl.handle.net/10115/30721
36. **Lara-Romero, C**[*]; García-Fernández, A; Robledo-Arnuncio, J.J.; Roumet, M; Morente-López, J; López-Gil, A; Iriondo, J.M. 2016. Individual spatial aggregation correlates with between-population variation in fine-scale genetic structure of *Silene ciliata* (Caryophyllaceae). *Heredity*, 116: 417-423. JIF: 3.961 (34/153, Ecology, Q1). https://hdl.handle.net/10115/30722
37. García-Fernández, A[*]; Escudero, A.; **Lara-Romero, C**; Iriondo, J.M. 2015. Effects of the duration of cold stratification on early life stages of the Mediterranean alpine plant *Silene ciliata. Plant Biology* 17: 344-350. JIF: 2.216 (60/209, Plant Science, Q2).
38. **Lara-Romero, C**[*]; Garcia-Camacho, R; Escudero, A; Iriondo, J.M. 2014. Genetic variation in flowering phenology and reproductive performance in a Mediterranean high-mountain specialist, Armeria caespitosa (Plumbaginaceae). *Botanical Journal of the Linnean Society* 176: 284-395. JIF: 2.534 (54/204, Plant Science, Q2).
39. **Lara-Romero, C**[*]; Robledo-Arnuncio, JJ; García-Fernández, A; IriondoJ.M. 2014. Assessing intraspecific variation in effective dispersal along an altitudinal gradient: a test in two Mediterranean high-mountain plants. *Plos One* 9: e87189. JIF: 3.234 (9/57, Multidisciplinary Sciences, Q1).
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change in Mediterranean high mountains plants. *Ecosistemas* 21: 63-72. CiteScore 0.4 (266/310, Ecology, Q4).

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48. **Carlos Lara-Romero***; Isabel Barja; Emilio Virgós; Gema Escribano-Ávila. Evaluating adrenal activity and effects related with the collection and conservation of faecal samples to understand the physiological stress responses of wild European badgers. *Comparative Biochemistry and Physiology, Part A***.** 153, pp. S63. 2009. JIF: 2.196 (14/129, Zoology, Q1).

**Book chapters**

1. J. Serapio; M Vicens; **C. Lara-Romero**; JM Iriondo. 2019. *Allium grosii* Font Quer. In: Atlas y Libro Rojo de la Flora Vascular Amenazada de España - Adenda 2017. pp. 82 - 83. Ministerio para la Transición Ecológica- Sociedad Española de Biología de la Conservación de Plantas. Madrid, Spain.
2. JM Iriondo; R. Rebolé; **C. Lara-Romero**; ML Rubio; A. García-Fernández. 2019. *Erodium paularense* Fern. Gonz. & Izco. In: Atlas y Libro Rojo de la Flora Vascular Amenazada de España - Adenda 2017. pp. 52 - 53. Ministerio para la Transición Ecológica- Sociedad Española de Biología de la Conservación de Plantas. Madrid, Spain.
3. García-Fernández; R. Rebolé; **C. Lara-Romero**; S. Prieto; JM Iriondo. 2019. *Ranunculus parnassifolius* L. In: Atlas y Libro Rojo de la Flora Vascular Amenazada de España - Adenda 2017. pp. 136 - 137. Ministerio para la Transición Ecológica- Sociedad Española de Biología de la Conservación de Plantas. Madrid, Spain.
4. Escribano-Ávila, G; **Lara-Romero, C**; Heleno, R; Traveset, A. 2018. Seed dispersal Networks in the Tropics. pp. 93 – 110. In: Ecological Networks in the Tropics. Springer, Berlin, Germany.
5. Escudero, A; García-Camacho, R. García Fernández, A; Giménez-Benavides, L; Iriondo, JM; **Lara-Romero**, C; Morente, J., Pescador, DS. 2015. *Vulnerabilidad al cambio climático de las plantas de alta montaña mediterránea*. In: Los bosques y la biodiversidad frente al cambio climático: impactos, vulnerabilidad y adaptación en España. Spanish Ministry of Agriculture and Environment, Madrid, Spain.
6. Iriondo, J.M.; Maxted, N.; Kell, S.; Ford-Lloyd, B., **Lara-Romero, C**, Labokas, J. Brehm, M. 2012. *Identifying quality standards for genetic reserve conservation of CWR*. In: Agrobiodiversity Conservation: Securing the diversity of Crop Wild Relatives and Landraces. CABI BOOKS, London, UK.

**Policy Briefs & Professional Bulletins**

1. Sylvain Aubry, Blaise Petipierre, Luca Bütikofer, M. Luisa Rubio Teso, Olivier Brönimann, **Carlos L. Romero**, Antoine Guisan, Jose M. Iriondo (2026). Distribution of Crop Wild Relatives in Europe and future perspectives. Technical Report. COUSIN Project (101135314). HORIZON-CL6-2023-BIODIV-01-13 (RIA).
2. Rubio Teso, M.L., Molina, A.S., Jiménez-López, J., Torres, E., Fourquet, A., **Lara-Romero, C**., García-Valdés, R, García-Fernández, F., Iriondo, J.M (2026). Recursos fitogenéticos silvestres. Boletín Trimestral del Comité Español de la UICN, (60), 46-47. https://www.uicn.es/content/uploads/2026/03/Invierno-2026.pdf
3. Iriondo, M; Molina, A; Torres, E; Rubio, ML, Asens, G; **Lara-Romero, C**; Cuadra, D. 2023. Extension of EURISCO for Crop Wild Relatives (CWR) in situ data and preparation of pilot countries' data sets: Spain. Final Technical Report. Agreement no. L21ROM198. https://www.ecpgr.cgiar.org/working-groups/crop-wild-relatives/cwr-in-eurisco

4. Rubio Teso, M.L., Álvarez Muñiz, C., Gaisberger, H., Kell, S.P., **Lara-Romero, C**., Magos Brehm, J., Maxted, N., Philips, J. and Iriondo, J.M. 2021. European crop wild relative diversity: towards the development of a complementary conservation strategy. Farmer's Pride Project. H2020 Framework Programme of the UE. https://more.bham.ac.uk/farmerspride/wp-content/uploads/sites/19/2021/11/D4.3_CWR_network_design.pdf
5. Rubio Teso, M.L.; Álvarez Muñiz, C.; Gaisberger, H.; Kell, S.; **Lara-Romero, C**.; Magos Brehm, J.; Maxted, N.; Iriondo, J.M. 2020. In situ plant genetic resources in Europe: crop wild relatives. Farmer's Pride Project. H2020 Framework Programme of the UE. https://hdl.handle.net/10568/110921
6. Rubio Teso, M. L.; Álvarez Muñiz, C.; Gaisberger, H.; Kell, S.; **Lara-Romero, C**.; Magos-Brehm, J.; Maxted, N.; Iriondo, J. 2020. Crop wild relatives in Natura 2000 Network. Farmer's Pride Project. H2020 Framework Programme of the UE. https://hdl.handle.net/10568/110717

**Popular science articles**

1. Méndez, M*; Giménez-Benavides, L; Iriondo, JM**; Lara-Romero, C**; Matesanz, S; Sacristán, S; Torices, R. 2021. La reunión del Grupo de Trabajo sobre Biología Floral (ECOFLOR) alcanza la mayoría de edad. **Ecosistemas** 30: 2264.
2. **Lara-Romero, C***., Escribano-Ávila, G., Galeano, J., García-Verdugo, C., Iriondo, J.M., Lázaro, A., Picó, X., Santamaría, S., Seguí, J., Traveset, A. 2018. XV Reunión científica anual de ECOFLOR. **Ecosistemas** 27: 132-133.
3. Vicente, R; Carmen, M.A; **Lara-Romero, C**; Iriondo, J.M.; García-Fernández, A. 2017. Restitución de poblaciones como herramienta de conservación en España. **Conservación Vegetal**, 21: 1-4.
4. **Lara-Romero C.;** Virgós, E.; Mangas, J. G.; Barja, I.; Escribano, G. Tejones y hombres, bajo el mismo sol. Quercus, 278. Abril 2009.

**GenBank (NCBI) Publications & Sequence Deposits**

1. Data type: Microsatellite sequences (19 accessions). Organism: *Armeria caespitosa. https://www.ncbi.nlm.nih.gov/nuccore/term=txid71847[Organism:noexp]*
2. Bioproject accesion: PRJNA528948. Data type: Transcriptome (9 accessions). Organism: *Silene ciliata*. https://www.ncbi.nlm.nih.gov/bioproject/528948
3. Bioproject accesion: PRJNA851086. Data type: Raw sequece reads (96 accessions). Organism: *Silene ciliata*. https://www.ncbi.nlm.nih.gov/bioproject/?term=PRJNA851086
4. Project accession: PRJEB86047. Data type: SNP genotyping data in VCF format. Organism: *Lupinus angustifolius*. https://www.ebi.ac.uk/ena/browser/view/PRJEB86047

**Public datasets acquired during my research activity**

Usage metrics: 4743 item views, 1062 item downloads (September, 2023).

1. Lara-Romero, C et al. (2014) Assessing Intraspecific Variation in Effective Dispersal Along an Altitudinal Gradient: A Test in Two Mediterranean High-Mountain Plants. PLoS ONE. Dataset: BURJC-Digital, 10.6084/m9.figshare.7756538.v1
2. Lara-Romero, C et al. (2016) Direct and Indirect effects of shrub encroachment on alpine grasslands mediated by plant-flower visitor interactions. Functional Ecology. Dataset: Dryad Digital Repository: 10.5061/dryad.p869n
3. Lara-Romero, C et al. 2016 Individual spatial aggregation correlates with between-popualtion variation in fine-scale genetic structure of Silene ciliata (Caryophyllaceae). Heredity. Dataset: Figshare, 10.6084/m9.figshare.7756529.v1
4. Lara-Romero, C et al 2018. Beta diversity and specialization in plant-pollinator networks along an elevational gradient. Dataset: Figshare, 10.6084/m9.figshare.6814781.v1

5. Lara-Romero, C et al 2019.Evaluating the structure of commensalistic epiphyte–phorophyte networks. A comparative perspective of biotic interactions. AoB Plants. Dataset: Figshare: 10.6084/m9.figshare.7751189.v1
6. Horcajada, Fernando; Escribano-Ávila, Gema; Lara-Romero, Carlos; Virgós, Emilio; Barja, Isabel (2019): The effect of livestock on the physiological condition of roe deer (Capreolus capreolus) is modulated by habitat quality. figshare. Dataset. 10.6084/m9.figshare.9963065.v1
7. Morente-López, J; Lara-Romero, C et al. (2020): Data from the study of adaptive value and gene flow effects on populations inhabiting marginal using in situ common gardens. figshare. Dataset. 10.6084/m9.figshare.11861886.v1
8. Morán López, T et al. (2022), Flexible diets enable pollinators to cope with changes in plant community composition, Dryad, Dataset, 10.5061/dryad.v41ns1rzh
9. Morente-López, J; Lara-Romero, Carlos et al (2022): High and Low Letal Temperature data for Silene ciliata populations. figshare. Dataset. 10.6084/m9.figshare.19368872.v1
10. Morente-López, J; Lara-Romero, Carlos; M. Iriondo, Jose (2022): Data of Silene ciliata presences in the Sistema Central used in "Linking ecological niche models and common garden experiments to predict phenotypic differentiation in stressful environments: assessing the adaptive value of marginal populations in an alpine plant". figshare. Dataset. 10.6084/m9.figshare.13562618.v1.
11. Sacristán-Bajo, S; Garcia, A; Lara-Romero, C; Prieto-Benítez, S; Tabarés, P; Morente-López, J; et al. (2022). Population origin determines the adaptive potential for the advancement of flowering onset in Lupinus angustifolius (Fabaceae). figshare. Dataset. 10.6084/m9.figshare.21065602.v2
12. García, Y; Giménez-Benavides, L; Iriondo, JM; Lara-Romero, C; Mendez, M; Morente-López, J; & Santamaría, S. (2023). Bipartite plant-pollinator diurnal and nocturnal networks for three mountain systems of the Iberian Peninsula. [Data set]. Zenodo. 10.5281/zenodo.10391505
13. Lara-Romero, Carlos et al. (2024). Effect of green infrastructure on restoration of pollination networks and plant performance in semi-natural dry grasslands across Europe [Dataset]. Dryad. 10.5061/dryad.fbg79cp2t

## SCIENTIFIC CONFERENCES AND SEMINARS

### Invited talks and lectures

1. Diversidad biológica y agricultura inteligente: sinergias para la sostenibilidad y la seguridad alimentaria. Cycle of online seminars. Red de Investigación en Gestión Sostenible de Recursos Fitogenéticos y Zoogenéticos en la Era 4.0. Online. 09/09/2026.
2. Evaluación de la tolerancia a la sequía en poblaciones silvestres de *Lupinus angustifolius*. Webinario Trabajos en Recursos Fitogenéticos de Leguminosas. Red Española de Leguminosas. Online. 27/02/2024.
3. Adaptive value of marginal populations in alpine ecosystems: never judge a book by its cover. Guest lecture at Master's in Conservation Biology. URJC, Spain. 14/03/2022.
4. Búsqueda, descarga y limpieza de datos de biodiversidad desde GBIF. Una odisea ecoinformática. Cycle of online seminars on ecoinformatics. Spanish Association of Terrestrial Ecology (AEET). 31/01/2022.
5. Cambio climático en la alta montaña mediterránea. Conference series on Climate Change. Interdisciplinary Laboratory on Climate Change (LINCC). University of the Balearic Islands, Spain. 20/05/2018.
6. Efectos directos e indirectos de la invasión de arbustos en los prados alpinos mediados por las interacciones planta-polinizador. Seminar on Ecological Interactions: Demographic Analysis and Implications. UTPL, Ecuador. 21/02/2016.

7. Diseños de Investigación Aplicados a la Biología de la Conservación. Guest lecture at Master's in Conservation Biology and Tropical Ecology. UTPL, Ecuador. 15/04/2016.

**Oral communications**

1. De la diversidad genética al territorio: reservas genéticas de parientes silvestres de los cultivos y plantas silvestres de uso alimentario, un caso práctico. XIII Congreso de Biología de la Conservación de Plantas. SEBICOP. Aranjuez, Madrid, Spain. 30/06/2026 - 03/07/2026.
2. Impactos del ozono troposférico en la expresión génica de Silene ciliata y sus implicaciones para la conservación. XIII Congreso de Biología de la Conservación de Plantas. SEBICOP. Aranjuez, Madrid, Spain. 30/06/2026 - 03/07/2026.
3. Cambio climático y sociedad. De la ciencia básica a los servicios climáticos. XIII Congreso de la Asociación Española de Climatología. San Lorenzo de El Escorial, Madrid, Spain. 22/01/2025 - 24/01/2025.
4. Genomic assessment of climate adaptation in an annual legume via artificial selection and assisted gene flow. XX International Botanical Congress IBC. Madrid, Spain. 21/07/2024 - 27/07/2024.
5. Genetic basis of resistance to ash dieback in narrow-leaved ash in floodplain forests of Europe. 26th World Congress of the International Union of Forest Research Organizations (IUFRO). Stockholm, Sween. 23/06/2024 - 29/06/2024.
6. Genetic basis of resistance to ash dieback in narrow-leaved ash in floodplain forests of Europe. 7th European Congress of Conservation Biology (ECCB). Society for Conservation Biology. Bologna, Italy. 17/06/2024 - 21/06/2024.
7. Facilitated adaptation as a conservation tool for plant adaptation to climate change. 18th Meeting of the Organization for the Phyto-Taxonomic Investigation of the Mediterranenan Area (OPTIMA). Erice, Italy. 20/09/2023 - 23/09/2023.
8. Design and development of genetic reserves for plant conservation. 18th Meeting of the Organization for the Phyto-Taxonomic Investigation of the Mediterranenan Area (OPTIMA). Erice, Italy. 20/09/2023 - 23/09/2023.
9. Adaptative potential of marginal populations: Beyond the genetic depauperation paradigm. 15th Congress Spanish Association of Terrestrial Ecology (AEET). Plasencia, Spain. 18/10/2021 - 22/10/2021
10. Spatial complementarity analysis for the in situ conservation of crop wild relative diversity in Europe and Turkey. 1st Spanish Botanical Congress (SEBOT). Granada, Spain. 08/09/2021 - 10/09/2021
11. Herramientas genéticas alternativas en la biología de la conservación: hacia nuevos objetivos. IX Congreso de Biología de la Conservación de Plantas (SEBiCoP). Granada, Spain. 09/07/2019 - 12/07/2019
12. Phenotypic and genomic data reveal adaptive genetic variation in flowering phenology in a Mediterranean alpine. 1st Meeting of the Iberian Ecological Society (SIBECOL). Barcelona, Spain. 04/02/2019 - 07/02/2019.
13. Tropical seed dispersal networks: emerging patterns, biases and keystone species. 54th Annual Meeting of the Association for Tropical Biology and Conservation. Merida, Mexico. 09/07/2017 - 14/07/2017.
14. El rol de las poblaciones marginales en el manejo y restauración de poblaciones silvestre en un clima cambiante. I Congreso Ecuatoriano de Restauración de Paisajes. Loja, Ecuador. 05/04/2016 - 09/04/2016.
15. Transcriptomic and phenotypic data from common gardens reveal adaptive genetic variation in a Mediterranean alpine plant. 13th European Ecological Federation (EEF) Congress. Rome, Italy. 21/09/2015 - 25/09/2015

16. *Silene ciliata* (Caryophyllaceae) as a model species in a climate change scenario: our multidisciplinary approaches. Caryophyllales Network 2015 conference. Berlin, Germany. 13/09/2015 - 18/09/2015.
17. Local adaptation versus inbreeding depression in marginal populations of a Mediterranean alpine plant: are they worthy of conservation in a context of climate change?. XV$^{th}$ European Society for Evolutionary Biology (ESEB) Meeting. Lausanne, Switzerland. 10/08/2015-15/08/2015.
18. Variación del patrón de reclutamiento en plantas de alta montaña en un gradiente altitudinal. 11th Congress of the Spanish Association of Terrestrial Ecology (AEET) "Invitation to Ecology". Pamplona, Spain. 06/05/2013 - 10/05/2013.
19. Differences in the diversity and composition of the pollinator assemblage of congeneric alpine plants in three mountain regions of the Iberian Peninsula (Spain). SCAPE 2012. Halden, Norway. 25/10/2012 - 28/10/2012.
20. Identifying quality standards for genetic reserve conservation of CWR. Joint meeting of the ECPGR In situ and On Farm Conservation Network and the EU project AGRI GENRES; AEGRO. Funchal (Madeira) (Portugal), Portugal. 13/09/2010.
21. Distribución y abundancia del tejón europeo (*Meles meles*) en ecosistemas semiáridos de la Península Ibérica: importancia del uso humano. IV congreso de la Naturaleza de la Región de Murcia y I del Sureste Ibérico. Murcia, Spain. 19/11/2008.
22. Evaluación del estrés del tejón europeo (*Meles meles*) en un gradiente ambiental en su límite de distribución sur: implicaciones ante el cambio global. IV congreso de la Naturaleza de la Región de Murcia y I del Sureste Ibérico. Cambio Climático y Ecosistemas Semiáridos. Murcia, Spain. 19/11/2008.

## FUNDING

Seven research and knowledge transfer projects, 8 research fellowships and contracts (6 postdoctoral), 8 research stay grants (3 postdoctoral) and 4 conference and workshop grants. Total amount: 850 000 €.

**Research and Knowledge Transfer Funding Secured**

1. TRANSIT-HEI: Green Transition in Higher Education Institutions in Latin America (101324754). Erasmus+ Capacity Building in Higher Education (ERASMUS-EDU-2026-CBHE-REGION-10), European Education and Culture Executive Agency (EACEA). Status: Grant Preparation. Duration: 2027-2030. Budget (URJC share): 82 000 €. Role: **Academic Coordinator** (URJC).
2. Contrato de servicios científico - técnicos para la elaboración de un documento base indicativo de los recursos humanos y medios materiales que garanticen la correcta implantación y mantenimiento de reservas genéticas de parientes silvestres de los cultivos y plantas silvestres de uso alimentario en España. Ministerio Agricultura Pesca y Alimentación. Duration: 2025. 1 633 €. Role: **PI**.
3. Trabajos para prestar formación botánica, teórica y práctica, de especies características de los Tipos de Hábitat de Interés Comunitario (THIC) de pastos y turberas (CEAMN-3081181-111733). Tecnologias y Servicios Agrarios (TRAGSA). Duration: 2025. 4 545 €. PI.
4. Drought Adaptation in Crop Wild Relatives: an integrative approach (DACWIRE: PID2021-127841OA). Spanish National R&D&I Plan. 176 600 €. Role: **PI**.
5. Development of the Spanish Strategy for the Conservation of Crop wild Relatives and Wild Plants for Food Use. Spanish Ministry of Agriculture, Fisheries and Food. Duration: 2023-2025. Budget: 230.976 €. Role: **PI**.

6. Extension of EURISCO for Crop Wild Relatives (CWR) in situ data and preparation of pilot countries' data sets (L21ROM198). International Plant Genetic Resources Institute. 2022-2023. 15 000 €. Role: **PI**.

**Research fellowships and contracts**

1. Juan de la Cierva incorporación Postdoctoral Fellowship (IJC2019-041342-I). Spanish Ministry of Science and Innovation. Score: 98/100 – Rank: 6/183. 2021-2024 (3 years). 93 000 €.
2. Postdoctoral contract funded by research project "Determinants of the success of exotic trees across different invasion stages (EXARBIN: RTI2018-093504-B-100)". University of Alcalá (UAH). 2020-2021 (20 months). 37 036 €
3. Postdoctoral position funded by URJC (Reference No. 478). 2019, 24 700 €.
4. Juan de la Cierva Formación Postdoctoral Fellowship (FJCI-2015-24712) Spanish Ministry of Economy and Competitiveness. Score: 97.2/100 – Rank: 8/138. 2017-2019 (2 years). 50 000 €.
5. Postdoctoral Fellowship. Technical Particular University of Loja (UTPL), Ecuador. 2016-2017 (6 months). 15 166 €.
6. Postdoctoral contract funded by research project "Local adaptation in high-mountain plants: an integrated perspective (AdAptA: CGL2012-44528)." URJC. 2015-2016 (12 months). 24 000 €
7. Predoctoral FPI Fellowship (BES-2010-036503). MINECO. 2010-2014, 55 560 €.
8. Research Initiation Fellowship. Spanish Ministry of Education. 2007, 2 550 €.

**Mobility grants**

1. José Castillejo Mobility Grants (CAS21/00070). Spanish Ministry of Education. 2022 (6 months), 17.342€. Stay in INRAE Bordeaux-Aquitaine.
2. Mobility grant of COTE cluster of excellence (LabEx COTE). U. de Bordeaux. 2018 (4 months), 3.000 €. Stay in INRAE Bordeaux-Aquitaine.
3. José Castillejo Mobility Grants (CAS18/00189). Spanish Ministry of Education. 2018 (4 months), 12.757€. Stay in INRAE Bordeaux-Aquitaine.
4. Exchange Grant within the framework of the ESF networking programma ConGenOmics (Grant 4794). 2014 (3 months), 5.600 €. Stay in ETH Zurich..
5. Four short research stay fellowship of FPI program. Spanish Ministry of Economy and Competitiveness. 2011 (3 months), ETH Zurich, Switzerland, 2000 €; 2012 (2 months), Uppsala University, Sweden, 3750 €; 2013 (3 months), ETH Zurich, Switzerland, 5200 €; 2014 (3 months), CIBIO/InBIO, Porto, Portugal, 2.800 €.

**Funding for organising scientific meeting/workshop**

- Funding for organising the "*V Cycle of Conferences on Evolutionary Ecology*". Competitive grant from the Universidad Rey Juan Carlos (Call for Conference, Workshop and Seminar Grants 2024). Amount awarded: 665 €.
- Funding for organising two editions (2016-2017) of the course "*Introduction to Next-Generation Sequencing: Applications in Ecology and Evolution"*. Granted by URJC 1.500 €.
- Funding for organising two editions (2017-2018) of the course "*Curso de análisis de redes ecológicas".* Granted by FORMAVANZ Programm (Fundación General CSIC- FGCSIC), 7.750 €.

## ACADEMIC LEADERSHIP, UNIVERSITY MANAGEMENT AND SCIENTIFIC SERVICE

**University management**

- Academic Coordinator / Principal Investigator (URJC node) of TRANSIT-HEI (Erasmus+ CBHE Project 101324754), URJC, 2027-2028. Coordinating the institutional implementation of

sustainability capacity-building activities and international cooperation initiatives with higher education institutions in Ecuador and Colombia.

- Academic Coordinator for Environmental, Energy, and Social Sustainability, URJC, Spain, 2025–present. Leading institutional strategies and actions in sustainability across teaching, research, and campus management.
- Technical Manager and Coordinator of the Biological Big Data Laboratory of the URJC, Spain, 2024-present. http://agapita.escet.urjc.es/ Responsible for the coordination of infrastructure, data management strategies, and support for research activities in biodiversity informatics.
- Member of the Quality Assurance Committee of the Doctoral Programme in Natural Resources Conservation, *URJC, 2010 to 2012.* Contributed to the evaluation and continuous improvement of the doctoral programme's academic quality and standards

**Institutional representation and networks**

- Member of the Biodiversity Working Group, CRUE-Sustainability (Conference of Rectors of Spanish Universities), Spain, 2026–present. Contributing to university-wide sustainability strategies and biodiversity initiatives.
- URJC representative in EULiST (European Universities Alliance), Tasks 1.5 "Strategy for SDGs" and 2.4 "Sustainable Campus Initiative", 2025–present. Contributing to the integration and development of sustainability actions across partner universities and campuses.
- Representative of URJC in GRACE-RI (Genetic Resources Research Infrastructure), Europe, 2025–present. Contributing to the coordination of research activities on conservation and characterization of plant genetic resources.
- Representative of URJC in CSIC Network on Genetic Resources (REGEN), Spain, 2025–present. Supporting coordination and scientific collaboration in the conservation and management of genetic resources at national level.

**Knowledge transfer and research impact activities**

- Creation of the Trans-Planta database, a database of plant conservation translocations in Spain maintained by SEBICoP. Supporting practitioners and public administrations in planning and evaluating biodiversity conservation actions.
- Contribution to the development of the Spanish Strategy for the Conservation of Crop Wild Relatives and Wild Plants for Food Use (Ministry of Agriculture, Fisheries and Food, Spain), contributing to national policies on plant genetic resource conservation.
- Development of biodiversity databases and analytical tools on plant genetic resources and pollinators (e.g., Farmer's Pride, EURISCO extension, Iberian bee datasets), enhancing data availability for conservation planning and environmental management.
- Development of technical standards and policy-oriented reports on on plant genetic resources conservation, particularly crop wild relative (e.g., AEGRO project, Natura 2000 analyses), informing management guidelines at national and European levels.

**Advanced training courses and workshops (organized)**

- Organizer of the course "Gestión y visualización de datos con R. Convirtiendo datos en historias" (Data minning and visualization course)". *AEET, Spain. 2021 to 2025.*
- Organizer of the course "Curso Superior en Análisis de Redes Ecológicas (Ecological Network Analysis course)". *1st ed. Univ.of Balearic Islands (UIB), Spain, 2018. 2nd ed. URJC, Spain, 2019.*
- Organizer of the course "Introduction to next generation sequencing: applications in ecology and evolution", *University of Barcelona (UB), Spain, 2018*.
- Organizer of the course "Curso de Introducción a las técnicas de Next Generation Sequencing: aplicaciones en ecología y evolución (NGS Data Analysis Course)", *URJC, Spain, 2016 to 2017*

- *Organizer of the course "*Introducción a la sostenibilidad en la docencia universitaria". *URJC, Spain, 2026.*

**Scientific meetings and events (organization and chairing)**

- Member of the Scientific Committee of the III Meeting of the Iberian Society of Ecology (SIBECOL), Spain, 2025.
- Organizer of the seminar "Herbarium de Sabiduría: El Legado Científico de las
- Botánicas" (Dissemination seminar on Spanish women botanists), *URJC, Spain, 2025.*
- Organizer of the *"*XVIII ECOFLOR meeting", *URJC, Spain, 2021.*
- Organizer of the "XV ECOFLOR meeting", *Mediterranean Institute of Advanced Studies (IMEDEA-CSIC), Spain, 2018.*
- Chairman in the symposia *"*Ecology Meets Evolution". III Meeting of the Iberian Society of Ecology (SIBECOL), Spain, 2025
- Chairman in the "V Cycle of Seminars of the Research Group on Evolutionary Ecology (ECOEVO) of the University of the Rey Juan Carlos". URJC, Octobre *2023 – February 2024.*
- Chairman in the "IV Cycle of Seminars of the Research Group on Evolutionary Ecology (ECOEVO) of the University of the Rey Juan Carlos". URJC, February *2023 – June 2023.*
- Chairman in the symposia *"*Avances conceptuales y metodológicos en ecología evolutiva". 16th Congress Spanish Association of Terrestrial Ecology (AEET). Almeria, Spain, 2023.
- Chairman in the symposia *"*Evolutionary responses to climate change. Evidence from Mediterranean plant populations". XIV Mediterranean Ecosystems Conference (MEDECOS)*. International Society of Mediterranean Ecology. Sevilla, Spain, 2017.*
- Chairman in the "Annual seminary of the Biodiversity and Conservation Area", *URJC, 2011 to 2014.*

**Evaluation and revision of R&D projects and articles**

- Subject Editor - Plant Biology (IF:3.2, since 2021) & Mediterranean Botany (IF:0.9, since 2022)
- 34 peer review records of 26 scientific articles for journals such as Molecular Ecology, Journal of Ecology, Functional Ecology or Scientific Reports.

  Full list at https://publons.com/researcher/583636/carlos-lara-romero/peer-review/
- Expert external reviewer for project proposal evaluations
    - *AEI-Agencia Estatal de Investigación (Spanish State Research Agency), 2024-2025: three projects*
    - *Universidad de Alcalá (UAH), 2024: two projects*
    - *Czech Science Foundation, 2021*
- Secretary of the Evaluation Committees for the IV Awards for the Best Final Degree Projects, Master's Theses and Doctoral Dissertations on Sustainable Development Goals. URJC, Spain 2026.
- Committee member for the evaluation of "Open Science" prize awarded by AEET, 2021.
- Member of doctoral thesis committee.
    - *Dra. Rocío Castro Urgal. University of Balearic Islands, Spain. 2016.*
    - Dr. Jaume Seguí. *University of Balearic Islands, Spain. 2017.*
    - *Dra. Iciar Civantos Gómez. Technical University of Madrid (UPM), Spain 2023.*
    - *Dra. Cristina Ronquillo Ferrero. URJC, Spain 2025.*
    - *Dr. André Mira. URJC, Spain 2026.*
    - *Dr. Carlos Olmedo Castellanos. Universidad de Granada (UGR), Spain 2026.*

- Member of Master's thesis Committee. Masters Degree in Ecosystem Restauration*. University of Alcala (UAH), Spain.* 2021.
- Member of the Final Degree Project Committee. Degree in Biology*. URJC, Spain.* Four committees: October 2023, June 2024, July 2024, Octobre 2024.

**Professional memberships and scientific networks**

- Asociación Española de Ecología Terrestre (Spanish Ecological Society). Madrid, Spain.
- European Ecological Federation (EEF). London, United Kingdom.
- Iberian Ecological Society (SIBECOL).
- European Plant Science Organisation (EPSO). Brussels Belgium.
- ECOFLOR. Spanish group of scientists interested on reproductive ecology of flowering plants (from evolution to pollinators). *Group funded by AEET*
- EcoInformatica. Spanish group of scientists interested on bioinformatics. *Group funded by AEET*

## TEACHING EXPERIENCE

**1439.5 hours of teaching experience**, including 778 hrs in undergraduate programmes (B.S. degrees), 242 hrs in master's programmes (M.S. degrees), 117 hrs in postgraduate courses, and 302.5 hrs in specialized training courses.

**General teaching experience**

Undergraduate teaching (B.S. DEGREES – 778 h)

- Biology
    - 2010-2013. Lab instructor. Degrees in Food Science and Technology and Experimental Sciences. Subject: *Biology* (54 h). URJC, Spain.
    - 2022-2026. Lecturer/Lab instructor. Degree in Water Resources. Subject: *Biology* (48 h). URJC, Spain.
    - 2022-2023. Lecturer and Lab instructor. Degree in Pharmacy. Subject: *Biology and Introduction to Biological Laboratory* (97.5 h). Univ. Complutense de Madrid, Spain.
    - 2022-2023. Lecturer. Food Science and Technology. Subject: Biology II (12 h). URJC, Spain.
- Botany:
    - 2012-2013. Lab instructor. Subject: *Botany* (6 h). URJC.
    - 2022-2025. Lab instructor. Degree in Biology. Subject: *Botany* (84 h). URJC.
    - 2022-2025. Lab instructor. Degree in Pharmacy. Subject: *Botany* (24 h). URJC.
    - 2022-2023. Lab instructor. Subject: *Environmental Botany* (10 h). UCM.
- Ecology and Conservation:
    - 2012-2013; 2021-2024. Lab Instructor. Degree in Environmental Sciences. Subject: *Biodiversity Conservation* (25 h). URJC.
    - 2021-2022. Co-Lecturer. Degree in Environmental Sciences. Subject: *Protected Areas and Wildlife Management* (30 h). URJC.
    - 2023-2025. Lab Instructor. Degrees in Biology and Environmental Sciences. Subject: *Ecology* (34 h). URJC.
- Genetics:
    - 2015-2017. Lab Instructor. Subject: *Evolutionary Genetics* (64 h), URJC.

    - 2025-2026. Lecturer. Subject: *Evolutionary Genetics* (54 h). URJC.
- Methods and Technology:
    - 2011-2012. Lab Instructor. Degree in Environmental Sciences. Subject: *Cartography* (4 h). URJC.
    - 2012-2013. Lab Instructor. Degree in Chemical Engineering. Subject: *Fundamentals of Biotechnology* (22 h). URJC.
    - 2015-2016. Lecturer. Degree in Chemical Engineering. Subject: *Experimental Design and Statistical Analysis* (48 h). Universidad Técnica Particular de Loja (UTPL), Ecuador.
    - 2022-2026. Lecturer. Degree in Biology. Subject: *Applied Informatics* (101.5 h). URJC.
    - 2022-2024. Lecturer. Degree in Food Science and Technology. Subject: *Raw Materials Production* (60 h). URJC.

Postgraduate teaching (M.S. DEGREES – 242 h)

- 2015-2016. Lecturer. Master's Degree in Tropical Ecology and Biodiversity. *Population Biology* (100 h). UTPL.
- 2015-2017. Co-Lecturer. Master's Degree in Conservation and Ecology. *Field Sampling Methods* (6 h). URJC.
- 2016-2026. Co-Lecturer. Master's Degree in Ecosystem Restoration. *Genetic Restoration of Populations* (62 h). UAH, Spain.
- 2016-2026. Co-Lecturer. Master's Degree in Conservation and Ecology. *Genetic Restoration of Populations* (50 h). URJC.
- 2021-2026. Co-Lecturer. Master's Degree in Ecosystem Restoration. *Restoration of Extreme Environments* (24 h). UAH).

**Teaching experience in specialized courses**

Postgraduate Courses (117 h)

- 2020-2024. Lecturer. C*urso Superior Universitario en Métodos Estadísticos para la Investigación* (5 editions, 84 h). URJC.
- 2025. Lecturer. *Métodos estadísticos para la investigación I: análisis exploratorio de datos (EDA) con R* (1 edition, 10 h). URJC.
- 2026. Lecturer. *Métodos estadísticos para la investigación II: análisis estadístico avanzado con R* (1 edition, 10 h). URJC.
- 2026. Lecturer. *Curso de Especialista en Sustancias Químicas en un Contexto de Salud Globa*l. Subject: Toxicología, toxicología ambiental y ecotoxicología (8 h). URJC.
- 2026. Lecturer. *Experto/a en Análisis de Datos Genómicos y Metagenómicos* (5 h). Subject: Programación y sistemas informáticos aplicados a la bioinformática. URJC.

Specialized Training Courses (302.5 h)

- 2016-2019. Lecturer. *Curso de Introducción a las técnicas de Next Generation Sequencing: aplicaciones en ecología y evolución* (4 editions, 60 h). URJC.
- 2018. Lecturer. *Introduction to next generation sequencing: applications in ecology and evolution* (15 h). University of Barcelona (UB), Spain.
- 2018. Lecturer. *Curso de análisis de redes ecológicas* (8 h). University of the Balearic Islands (UIB), Spain.
- 2019. Lecturer. *Curso Superior Universitario en Análisis de Redes Ecológicas* (20 h). URJC.

- 2021-2024. Lecturer. *Gestión y visualización de datos con R. Convirtiendo datos en historias* (4 editions, 130.5 h). Asociación Española de Ecología Terrestre (AEET), Spain.
- 2024. Lecturer. *Detección y manejo de outliers en R* (4 h). Asociación Española de Ecología Terrestre (AEET), Spain.

**Teacher training courses**

1. Manejo emocional y su aplicación en la práctica docente. URJC, Spain. 2023 (10 hrs)
2. Elaboración de guías docentes. URJC, Spain. 2023 (5 hrs)
3. Curso básico en el uso didáctico de Moodle online. URJC. Spain. 2023 (5 hrs)
4. Gestión de calificaciones en el aula virtual. URJC. Spain. 2023 (4 hrs)
5. Gestión de actividades grupales en aula virtual. URJC. Spain. 2024 (5 hrs)
6. Docencia virtual en urjc online. URJC. Spain. 2024 (5 hrs)
7. Curso avanzado en el uso didáctico de Moodle online. URJC. Spain. 2024 (25 hrs)
8. Programa Docentia. URJC. Spain. 2025 (10 hrs)
9. Perspectiva de género en la docencia: revisión guías docentes. URJC. Spain. 2026 (5 hrs)

**Teaching innovation projects**

1. BIOREDES: Conectando biología y redes sociales. URJC-ESCET. PI: Támara Villareal Hidalgo. Duration:2022-2023 y 2023-2024. Budget: 210 €.
2. "conservARTE: sensibilización y enseñanza de la conservación de la biodiversidad a través del arte. URJC-ESCET. PI: Carlos Lara-Romero. Duration: 2024-2025. Budget: 190 €.

**Attendance at conferences on teaching innovation**

1. II Congreso en Innovación Docente de las Universidades Madrileñas: MadrID. Madrid, Spain. 02/10/2025 - 03/10/2025.

**Publications on Teaching Innovation**

* Corresponding author

1. Jiménez López F; Aragón G; Arranza I; Cayuela L; García-Cervigón A; I; García-Fernández A; López Angulo J; Merinero Mesa S; Rubio Teso M; L; Villaverde Hidalgo T; **Lara-Romero C.***. 2026. ConservARTE: lo que aprendimos al enseñar biodiversidad con arte y ciencia. In *Libro de actas del II Congreso en Innovación Docente de las Universidades Madrileñas: MadrID. Universidad Autónoma de Madrid, 2 y 3 de octubre de 2025.* (p. 368-376). https://hdl.handle.net/10486/730920.

**Open-access Teaching Innovation Materials**

1. Lara-Romero C. 2026. Derretir el Pasado, Restaurar el Futuro. Diseño de un plan de restauración para una pista de esquí. *Repositorio institucional BURJC Digital*. https://hdl.handle.net/10115/302957.
2. Lara-Romero C. 2026. Restauradores en acción: diseñando una turbera funcional. *Repositorio institucional BURJC Digital*. https://hdl.handle.net/10115/301137.
3. Lara-Romero C. 2025. Simulando el éxito: Diseño y gestión de explotaciones agrícolas de garbanzos con Design Thinking y ABP. *Repositorio institucional BURJC Digital*. https://hdl.handle.net/10115/101057.
4. Lara-Romero C. 2025. Búsqueda de referencias científicas: exploración activa con bases de datos académicas y herramientas de inteligencia artificial. *Repositorio institucional BURJC Digital*. https://hdl.handle.net/10115/101117.

**Scientific outreach and university extension activities**

1. Taller Guardianes del futuro: conservación de semillas para la sostenibilidad. II Jornadas de Sostenibilidad de la ESCET. 17/10/2024. Participation as a coordinator and teacher
2. Curso de Extensión Universitaria en Soluciones Verdes Urbanas. Programa Universitario de Formación para el Empleo dirigido a jóvenes con discapacidad intelectual. Asignatura: Botánica. Universidad Rey Juan Carlos. Academic years: 2022-2023, 2023-2024, 2024-2025. Participation as a teacher
3. Universidad de Mayores. Asignatura: Biodiversidad y Conservación. Universidad Rey Juan Carlos. Cursos 2024-2025, 2025-2026. Participation as a teacher
4. Herbarium de Sabiduría: El Legado Científico de las Botánicas. Convocatoria de Ayudas a Congresos, Jornadas y Seminarios 2025. Participation as a organizator.
5. Bancos de Vida: Conservación de Semillas para la Agricultura del Futuro. Semana de la Ciencia y de la Innovación 2025. Participation as a coordinator and teacher
6. 27. Taller sobre conservación in situ de Parientes Silvestres de los Cultivos (PSC) y Plantas Silvestres de Uso Alimentario (PSUA) para técnicos del sector. 16/10/2025. Ministerio de Agricultura, Pesca y Alimentación. Participation as a teacher
7. 28. Taller sobre conservación in situ de Parientes Silvestres de los Cultivos (PSC) y Plantas Silvestres de Uso Alimentario (PSUA), para empleados públicos. 20/10/2025. Ministerio de Agricultura, Pesca y Alimentación. Participation as a teacher.
8. Datos de Biodiversidad al Alcance de Tod@s: Aprende a Interpretarlos y utilizarlos. V Jornadas de Cultura Libre y Ciencia Abierta. URJC. 25/03/2026. Participation as coordinator and teacher.
9. Introducción a la sostenibilidad en la docencia universitaria. 18/05/2026 to 01/06/2026. URJC. Participation as coordinator and teacher.

## SUPERVISED THESES

**Supervised Theses**

1. Arsened Vargas Guarín. Ongoing. “Evaluación de la afectación de la riqueza de abejas (hymenoptera: apoidea) en correlación a la estructura agroecológica en sistemas de producción cafetera en el departamento del huila”. Co-supervised with Dr. Manuel F. Polanco Puerta, *URJC, Spain.*
2. Carlos Fernández Celdrán. Ongoing. “Evaluation of drought adaptation mechanisms in Lupinus angustifolius as an adaptation strategy in the face of global change”. Co-supervised with Dr. Alfredo García-Fernádez, *URJC, Spain.*
3. Javier Morente López. 2019. “Adaptive processes of alpine plants in marginal areas: an integrative approach”. Co-supervised with Porf. José M. Iriondo, *URJC, Spain.*

**Supervised Master Theses**

1. Sandra Sacristán. 2017. “Transcriptome study of *Silene ciliata* using NGS and bioinformatic approaches: future applications in ecology and evolution”, *UAH, Spain.*
2. Carlos J. Naranjo. 2018. “Evaluating the structure of commensalistic epiphyte–phorophyte networks. A comparative perspective of biotic interactions”, *UTPL, Ecuador.*
3. Celía del Tío Navas. 2023. “Bases para la conservación *in situ* de poblaciones de parientes silvestres de los cultivos en España”, *UAH*. Spain.
4. Anxo Rodríguez Mosquera. 2024. “Evaluación de la eficacia de los mapas ecogeográficos en la detección de diversidad genética en poblaciones de *Lupinus angustifolius”*, *UAH*. Spain.
5. María Elisa Landázuri Benítez. 2025. “Desarrollo y evaluación de algoritmos de modelización para construir mapas ecogeograficos con aplicación en la restauración ecológica”. *URJC, Spain.*
6. Ana Arroyo del Barco. 2025. “Impacto del cambio climático sobre los patrones de distribución geográfica de los parientes silvestres de los cultivos (PSC) y plantas silvestres de uso alimentario (PSUA) prioritarios de España”. *URJC, Spain.*

7. Angie Paola Carvajal Muñoz. 2026. “Variación fenotípica y expresión funcional en especies endémicas y amenazadas del género *petrocoptis* a. braun ex endl.: implicaciones para la conservación de plantas rupícolas”. *URJC, Spain.*
8. Mónica Patricia Castillo Bautista. 2026. Viabilidad de semillas de *Lupinus angustifolius L.* almacenadas en bancos de germoplasma y su potencial en restauración. UAH, Spain.

**Supervised final degree projects**

1. Miguel Cantero Laorden. 2012. “Caracterización de la red nocturna de plantas-polinizadores de la Sierra de Guadarrama”. *Degree in Environmental Sciences URJC, Spain.*
2. Angela López Gil. 2013. “Estudio de la estructura genética espacial intrapoblacional de silene ciliata, una planta de alta montaña mediterránea”. *Degree in Biology, URJC, Spain*.
3. Marcos Peromingo Quesada. 2014. “Estudio de la ruptura de la dormancia y germinación de las semillas de *Silene ciliata”*. *Degree in Biology, URJC, Spain*.
4. Pablo Tabares. 2017. “Control genético de caracteres funcionales en poblaciones de S*ilene ciliata.* Ánalisis de la variación interpoblacional”, *Degree in Biology*, *URJC, Spain.*
5. Sandra Gómez Pérez. 2017. “Variabilidad de la eficacia biológica en poblaciones centrales y marginales de *Silene ciliata*”. *Degree in Biology, URJC, Spain*.
6. Sergio Eleazar García González. 2018. “Efecto del origen del flujo genético sobre la eficacia biológica de semillas procedentes de cruzamientos xenógamos en poblaciones marginales de *Silene ciliata*”. *Degree in Biology, URJC, Spain*.
7. Aida Bejarano Lorenzo. 2020. “Efecto de la selección asistida de la floración en la germinación de semillas de *Silene ciliata*”. Degree in Environmental Sciences, *URJC, Spain.*
8. Cristina Poyatos Fernández. 2020. “Estudio de la heredabilidad de rasgos funcionales de Lupinus angustifolius en poblaciones bajo diferentes condiciones ambientales”. *Degree in Biology, URJC, Spain*.
9. Sandra García Medina. 2021. “Evaluación in situ de lineas de floración temprana de lupinus angustifolius como respuesta al cambio climático*”*. *Degree in Biology, URJC, Spain*.
10. Raquel Nieto Illán. 2022. “Explorando la huella humana en la riqueza de especies emparentadas con cultivos”. *Degree in Environmental Sciences, URJC, Spain.*
11. Álvaro Martín Martín. 2024. “Diseño y desarrollo de bases de datos orientadas a documentos: caso práctico en MongoDB. *Degree in Computer Engineering, URJC, Spain.*
12. Mikel Vadillo Moreno. 2024. “Análisis de la diversidad funcional de las comunidades microbianas en suelos asociados a *Lupinus angustifolius* en una distribución geográfica latitudinal mediterránea”. *Degree in Biology, URJC, Spain*.
13. Geanina Andreea Cristea. 2024. “Alternativas agrícolas sostenibles”. *Degree in Food Science and Technology, URJC, Spain.*
14. Adrián Lorenzo Prieto. 2025. “Adaptación de *Lupinus angustifolius* a la escasez de agua y su implicación en la mejora de sus cultivos”. *Degree in Biology, URJC, Spain.*
15. Sergio Muñoz Gil. 2026. “Dinámicas de competencia polínica en *Lysimachia arvensis* y *Lysimachia loeflingii:* influencia de polen heteroespecífico en ecología reproductiva.”. *Degree in Biology, URJC, Spain.*
16. Luis López Lucas. 2026. “Estrategias reproductivas en plantas de flores verdes polinizadas por insectos.”. *Degree in Environmental Science, URJC, Spain.*
17. Marcelo Cruz Serna. 2026. “Evolución asistida como herramienta de conservación: análisis de su impacto genómico y fenotípico en *Silene ciliata*”. *Degree in Biology, URJC, Spain.*