

Margarida Matos

Margarida Matos is Associate Professor at the Department of Animal Biology, Faculty of Sciences of the University of Lisbon (FCUL) and integrated member of the Research Unit Centre for Ecology, Evolution and Environmental Changes (cE3c) of which she is Subdirector as well as Coordinator in the branch Evolutionary Biology since 2009. Throughout the years she has taught many disciplines in Bachelor and Master Courses at FCUL, particularly in the fields Evolutionary Biology, Experimental Evolution and Evolutionary Ecology. She coordinates the offer of Advanced Courses targeting PhD students of cE3c and FCUL. She is presently co-coordinator of the Master in Evolutionary and Developmental Biology (FCUL) (2020-...) and the Doctoral Programme in Biodiversity, Genetics and Evolution (ULisboa, UPorto) (2019-...). She supervised 9 PhD theses (7 defended, two ongoing) and 4 Post-Docs. She has many long term collaborations in several research fields, such as evolution of life-histories with Michael R. Rose and evolution of clinal variation with Mauro Santos, among others. She is member of the 'ESF Pool of peer reviewers', Associate Editor of the journal *Evolution* (2017-2019) and *Frontiers in Genetics* (2019-...) and member of the editorial board of *Journal of Genetics* (2008-2017). She refereed articles in many journals, e.g. *Mol. Ecol.*, *Genetics Research*, *J. Evol. Biol.*, *Proc. Royal Soc. B*, *Evolution*, *Biological Invasions*, *Ecological Genetics and Genomics* etc. She participated in an ESF Research Network *ThermAdapt* (2006-2012) and in meetings organizations, eg XIV CONGRESS OF ESEB (2013). She is a member of the scientific societies ESEB, SSE and APBE (Portuguese Soc. Evolution). Margarida Matos research uses Experimental evolution as tool and *Drosophila subobscura* as a model organism, to study the evolutionary patterns and processes during adaptation to novel environments. The main goals of ongoing projects is the analysis, at several biological levels, of the evolution of populations founded from contrasting latitudes, to understand the role of History and Selection during Adaptation (including Thermal Adaptation), the predictability of evolution, the genome-wide mechanisms underlying clinal variation of inversions. This is approached by analyzing real time evolution of repeated colonizations of *Drosophila subobscura* populations to a laboratorial environment. She has lead several projects financed by FCT, being now Co-Principal Investigator in the ADAPTCLIMWARM FCT project (PI: Pedro Simões), whose main goal is to understand the evolutionary potential and genetic basis of thermal adaptation. Her research has so far highlighted that populations have abundant standing genetic variation to adapt to novel environments, with selection quickly erasing the signs of history in fitness-related traits, while genetic differentiation between populations may be maintained. She has authored more than 70 scientific publications, including 2 books and more than 40 articles in journals of recognized merit in Evolutionary Biology. See more at: <http://ce3c.ciencias.ulisboa.pt/member/margarida-matos>; ORCID ID: 0000-0001-6998-5133; Researcher ID: K-

Identification

Personal identification

Full name

Margarida Matos

Gender

Female

Birth date

1958/07/08

Citation names

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Websites

<http://ce3c.ciencias.ulisboa.pt/member/margarida-matos> (Professional)

Knowledge fields

Natural sciences - Biological Sciences - Evolutionary Biology

Languages

Language	Speaking	Reading	Writing	Listening	Peer-review
Portuguese	Advanced (C1)	Advanced (C1)	Advanced (C1)	Advanced (C1)	
English	Intermediate (B1)	Intermediate (B1)	Intermediate (B1)	Intermediate (B1)	
French	Beginner (A1)	Intermediate (B1)	Beginner (A1)	Beginner (A1)	

Education

	Degree	Classification
2008/02/29 Concluded	Biologia (Título de Agregado)	Unanimity
	Universidade de Lisboa Faculdade de Ciências, Portugal "A domesticação: contribuição para problemáticas evolutivas e de conservação ex-situ" (THESIS/DISSERTATION)	

1997/03/17 Concluded	Biologia (Doutoramento) Universidade de Lisboa Faculdade de Ciências, Portugal <i>"Evolução da Senescência: alteração de matrizes de variâncias-covariâncias genéticas aditivas e valores médios de características relacionadas com a fitness, num processo adaptativo de uma população de Drosophila subobscura" (THESIS/DISSERTATION)</i>	Distinção e Louvor (distinction and honour)
1983 Concluded	Biologia (Licenciatura) Universidade de Lisboa Faculdade de Ciências, Portugal <i>"Contribuição para o estudo da estratégia demográfica em Drosophila: Drosophila simulans e Drosophila subobscura" (THESIS/DISSERTATION)</i>	Muito Bom com distinção (Very good with distinctio)

Affiliation

Science

2014/09/01 - Current	Principal Investigator (Research) University of Lisbon/Faculty of Sciences/Centre for Ecology, Evolution and Environmental Changes, Portugal
1997 - 2014	Principal Investigator (Research) University of Lisbon, Faculty of Sciences, Centre for Environmental Biology, Portugal

Teaching in Higher Education

2015/12/29 - Current	Associate Professor (University Teacher) Universidade de Lisboa Faculdade de Ciências, Portugal
1997/03/17 - 2015/12/28	Assistant Professor (University Teacher) Universidade de Lisboa Faculdade de Ciências, Portugal
1988/07/26 - 1997/03/16	Assistant (University Teacher) Universidade de Lisboa Faculdade de Ciências, Portugal
1984/07/11 - 1988/07/25	Trainee Assistant (University Teacher) Universidade de Lisboa Faculdade de Ciências, Portugal

Positions / Appointments

2020 - Current	Co-Coordinator in the Master in Evolutionary and Developmental Biology Universidade de Lisboa Faculdade de Ciências, Portugal
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2019 - Current	Vice-Coordinator in the Doctoral Programme in Biodiversity, Genetics and Evolution Universidade de Lisboa Faculdade de Ciências, Portugal
2015/01/01 - Current	Organic Unit Sub-director University of Lisbon/Faculty of Sciences/Centre for Ecology, Evolution and Environmental Changes, Portugal
2014/09/01 - Current	Coordinator of the Thematic Line 'Evolutionary Biology' University of Lisbon/Faculty of Sciences/Centre for Ecology, Evolution and Environmental Changes, Portugal
2013 - 2016	Coordinator in the Bachelor in Biology specialty Evolutionary and Developmental Biology Universidade de Lisboa Faculdade de Ciências, Portugal
2009 - 2014/12/31	Organic Unit Sub-director University of Lisbon, Faculty of Sciences, Centre for Environmental Biology, Portugal
2002 - 2003	Vice-President University of Lisbon/Faculty of Sciences/Department of Animal Biology, Portugal

Others

2008/02/29 - 2015/12/28	Assistant Professor with 'Agregação' (habilitation) Universidade de Lisboa Faculdade de Ciências, Portugal
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Projects

Grant

	Designation	Funders
2018/10/01 - 2022/03/31	ADAPTCLIMWARM - Real-time evolutionary response to climate warming: a multi-level approach in populations of contrasting biogeographical history PTDC/BIA-EVL/28298/2017 Researcher University of Lisbon/Faculty of Sciences/Centre for Ecology, Evolution and Environmental Changes, Portugal	Fundação para a Ciência e a Tecnologia, Portugal
2018/09/01 - 2022/03/31	MICROEVOLD - Host-microbe interactions and the evolution of aging PTDC/BIA-EVL/28757/2017 Researcher University of Lisbon/Faculty of Sciences/Centre for Ecology, Evolution and Environmental Changes, Portugal	Fundação para a Ciência e a Tecnologia, Portugal

2018/10/01 - 2021/09/30	<p>THESOCIALFLY - The social fly: genetic architecture for social learning neural circuits in <i>Drosophila melanogaster</i> PTDC/BIA-COM/31887/2017</p> <p>Researcher Instituto Gulbenkian de Ciência, Portugal</p>	Fundação para a Ciência e a Tecnologia, Portugal
2018/01/01 - 2020/12/31	<p>Population Genomics of Adaptation in <i>Drosophila</i> CGL2017-89160-P</p> <p>Researcher Universitat Autònoma de Barcelona, Spain</p>	MINISTERIO DE ECONOMÍA, INDUSTRIA Y COMPETITIVIDAD, Spain
2014/01/01 - 2017/09/30	<p>Patterns of genetic variation in <i>Drosophila</i>: geographic and seasonal variation across inversions and genes CGL2013-42432-P</p> <p>Researcher Universitat Autònoma de Barcelona, Spain</p>	MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD, Spain
2013/04/01 - 2016/08/31	<p>Evolution of sex allocation strategies in the mite <i>Tetranychus urticae</i>, a major crop pest FCT-ANR/BIA-EVF/0013/2012</p> <p>Researcher University of Lisbon/Faculty of Sciences/Centre for Ecology, Evolution and Environmental Changes, Portugal</p>	Fundação para a Ciência e a Tecnologia, Portugal
2013/06/01 - 2015/11/30	<p>History, chance and selection during local adaptation: a genome-wide analysis PTDC/BIA-BIC/2165/2012</p> <p>Principal investigator University of Lisbon/Faculty of Sciences/Centre for Ecology, Evolution and Environmental Changes, Portugal</p>	Fundação para a Ciência e a Tecnologia, Portugal
2010/04/01 - 2013/09/30	<p>Evolution of latitudinal clines in reverse: how much do populations converge under adaptation to a novel, common environment? PTDC/BIA-BEC/098213/2008</p> <p>Principal investigator Centre for Environmental Biology, Faculty of Sciences, University of Lisbon, Portugal</p>	Fundação para a Ciência e a Tecnologia, Portugal
2006/10/01 - 2012/04/30	<p>Thermal adaptation in ectotherms: Linking life history, physiology, behaviour and genetics ThermAdapt</p> <p>Researcher Centre for Environmental Biology, Faculty of Sciences, University of Lisbon, Portugal</p>	European Science Foundation, France

2008/01/01 - 2010/12/31	The genetic basis of adaptation to captivity: the <i>Drosophila subobscura</i> mode PTDC/BIA-BDE/65733/2006 Principal investigator Centre for Environmental Biology, Faculty of Sciences, University of Lisbon, Portugal	Fundação para a Ciência e a Tecnologia, Portugal
2005/07/15 - 2007/12/31	Convergent evolution during local adaptation: comparison of phenotypic and molecular changes of populations founded synchronously POCI/BIA-BDE/55853/2004 Principal investigator Centre for Environmental Biology, Faculty of Sciences, University of Lisbon, Portugal	Fundação para a Ciência e a Tecnologia, Portugal
2004/01/01 - 2004/12/31	'Evolutionary trajectories of fitness-related traits' Programa de Acções Integradas Luso-Espanholas - 2004 N° E-36/04 Principal investigator Universidade de Lisboa Faculdade de Ciências, Portugal Universitat Autònoma de Barcelona, Spain	Consejo de Rectores de Universidades Privadas, Argentina
2001/09/01 - 2004/08/31	Evolutionary processes during laboratory adaptation in <i>Drosophila subobscura</i> : analysis of microsatellites and life-history traits POCTI/BSE/33673/2000 Principal investigator Centre for Environmental Biology, Faculty of Sciences, University of Lisbon, Portugal	Fundação para a Ciência e a Tecnologia, Portugal

Outputs

Publications

Book	1	Avelar, Teresa; Matos, Margarida; Rego, Carla. <i>Quem tem medo de Charles Darwin? O problema da selecção natural</i> . Lisbon, Portugal: Editora Relógio d'Água. 2004. Published
Book chapter	1	Vala, Filipa; Matos, Margarida (461A-92A5-2FD0). "Pensar a nossa espécie à luz da teoria evolutiva: passado e presente". In <i>Professor Carlos Almaça (1934-2010) - Estado da Arte em Áreas Científicas do Seu Interesse</i> , edited by Alves, Maria Judite; Cartaxana, Alexandra; Correia, Ana Maria; Lopes, Luís F., 197-237. Lisboa, Portugal: Museu Nacional de História Natural e da Ciência, 2014. Published
	2	Simões, Pedro (7E14-DE9F-7537); Santos, Josiane (8519-B009-E45E); Matos, Margarida (461A-92A5-2FD0). "Experimental Evolutionary Domestication". In <i>Experimental Evolution: Concepts, Methods, and Applications of Selection Experiments</i> , edited by Garland, Ted; Rose, Michael R., 89-110. Los Angeles,

United States: University of California Press, 2009.

Published · 10.1525/california/9780520247666.003.0005

- 3 Rose, Michael R.; Matos, Margarida. "The Creation of Methuselah Flies by Laboratory Evolution". In *Methuselah Flies: A Case Study in the Evolution of Aging*, edited by Rose, Michael R.; Passananti, Hardip B.; Matos, Margarida (461A-92A5-2FD0), 3-9. Singapore: World Scientific Publishing, 2004.
Published · 10.1142/9789812567222_0001
- 4 Rose, Michael R.; Passananti, Hardip B.; Matos, Margarida (461A-92A5-2FD0). "Introduction: why methuselah flies?". In *Methuselah Flies: A Case Study in the Evolution of Aging*, edited by Rose, Michael R.; Passananti, Hardip B.; Matos, Margarida (461A-92A5-2FD0), ix-xiv. Singapore: World Scientific Publishing, 2004.
Published
- 5 Rocha Pité, M. Teresa; Rego, Carla; Matos, Margarida (461A-92A5-2FD0); Avelar, Teresa. "Drosofilídeos (Insectos, Dipteros)". In *Caracterização da Flora e Fauna do Montado da Herdade da Ribeira Abaixo (Grândola, Baixo-Alentejo)*, edited by Santos-Reis, Margarida; Correia, Ana Isabel, 155-168. Lisbon, Portugal: Centro de Biologia Ambiental, 1999.
Published
- 6 Avelar, Teresa; Rocha Pité, M. Teresa; Matos, Margarida (461A-92A5-2FD0). "A teoria evolutiva e o progresso". In *Professor Germano da Fonseca Sacarrão (1914-1992)*, edited by Almaça, Carlos, 287-298. Lisbon, Portugal: Museu Bocage, 1994.
Published

Book review

- 1 Matos, Margarida. "O Darwinismo no Mundo Moderno - Revisão crítica do livro de Michael R. Rose (1998): Darwin's Spectre: Evolutionary Biology in the Modern World.". Review of *Darwin's Spectre: Evolutionary Biology in the Modern World* 0, (2000): 1-2. <https://ordembilogos.pt/arquivo/Publicacoes/Biologias/livros%20--%2001Dez00.pdf>.
Published
- 2 Matos, Margarida (461A-92A5-2FD0). "A importância da perspectiva evolutiva no estudo das causas do envelhecimento: revisão crítica do livro Evolutionary Biology of Aging". Review of *Evolutionary Biology of Aging* 4, 37 (1991): 32-32.
Published
- 3 Matos, Margarida. "Opinião: Evolutionary Biology of Aging". Review of *Evolutionary Biology of Aging* 15, (1991): 22-22.
Published

Conference paper

- 1 Avelar, Teresa; Matos, Margarida. "A importância da Genética Quantitativa em Ecologia Comportamental". Paper presented in *I Congresso Nacional de Etologia*, 1991.
Published
 - 2 Rocha Pité, M. T.; Matos, Margarida; Avelar, Teresa. "Comparative analysis of the fecundity of asynchronously formed samples of *Drosophila subobscura*, in every season throughout one year". Paper presented in *III Congresso Ibérico de Entomologia*; Granada, 1987.
Published
-

- Edited book 1 Matos, Margarida. *Methuselah Flies: A Case Study in the Evolution of Aging*. Singapore: World Scientific Publications. 2004.
Published · <https://doi.org/10.1142/5457>
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- Journal article 1 Laurentino, T. G.; Xavier, M.; Ronco, F.; Pina-Martins, F.; Domingues, I.; Penha, B.; Dias, M.; et al. "EvALLution: making basic evolution concepts accessible to visually impaired people through a multisensory tree of life". *Evolution: Education and Outreach* 14 5 (2021): <https://doi.org/10.1186/s12052-021-00143-1>.
Published · 10.1186/s12052-021-00143-1
- 2 Santos, Marta A.; Carromeu-Santos, A.; Quina, Ana S.; Santos, Mauro; Matos, Margarida; Simoes, Pedro. "No evidence for short-term evolutionary response to a warming environment in *Drosophila*". *BioRxiv* (2021): <https://doi.org/10.1101/2021.02.19.432014>.
Under revision · Open access
- 3 Matos, Margarida; Simões, Pedro; Fragata, Inês; Quina, Ana Sofia; Kristensen, Torsten Nygaard; Santos, Mauro. "Editorial: Coping With Climate Change: A Genomic Perspective on Thermal Adaptation". *Frontiers in Genetics* 11 (2021): <http://dx.doi.org/10.3389/fgene.2020.619441>.
Published · Open access · 10.3389/fgene.2020.619441
- 4 Santos, M.A.; Carromeu-Santos, A.; Quina, A.S.; Santos, M.; Matos, M.; Simões, P.. "High developmental temperature leads to low reproduction despite adult temperature". *Journal of Thermal Biology* 95 (2021): <http://www.scopus.com/inward/record.url?eid=2-s2.0-85097331862&partnerID=MN8TOARS>.
10.1016/j.jtherbio.2020.102794
- 5 Marta A. Santos; Carromeu-Santos, Ana; Quina, Ana S.; Santos, Mauro; Matos, Margarida; Simoes, Pedro. "No evidence for short-term evolutionary response to a warming environment in *Drosophila*". *Evolution* (2021):
Accepted
- 6 Simões, Pedro (7E14-DE9F-7537); Santos, Marta A. (D117-A45D-A88A); Carromeu-Santos, Ana (8512-42A1-5096); Quina, Ana S. (8D11-3BE8-8F25); Santos, Mauro; Matos, Margarida (461A-92A5-2FD0). "Beneficial developmental acclimation in reproductive performance under cold but not heat stress". *Journal of Thermal Biology* 90 (2020): 102580. <http://dx.doi.org/10.1016/j.jtherbio.2020.102580>.
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- 7 Norder, Sietze; Lima, Ricardo; Et al.; Matos, Margarida; Borges, Paulo. "Global change in microcosms: environmental and societal predictors of land cover change on the Atlantic Ocean Islands". *Anthropocene* 30 100242 (2020): 1-9.
Published
- 8 Zélé, Flore; Santos, Inês; Matos, Margarida (461A-92A5-2FD0); Weill, Mylène; Vavre, Fabrice; Magalhães, Sara. "Endosymbiont diversity in natural populations of *Tetranychus* mites is rapidly lost under laboratory conditions". *Heredity* 124 4 (2020): 603-617. <http://dx.doi.org/10.1038/s41437-020-0297-9>.
Published · 10.1038/s41437-020-0297-9
- 9 Simões, Pedro; Fragata, Inês; Santos, Josiane; Santos, Marta A.; Santos, Mauro; Rose, Michael R.; Matos, Margarida. "How phenotypic convergence arises in experimental evolution". *Evolution* 73 9 (2019): 1839-1849. <http://dx.doi.org/10.1111/evo.13806>.
Published · 10.1111/evo.13806

- 10 Santos, Mauro; Matos, Margarida; Wang, Sheng Pei; Althoff, David M.. "Selection on structural allelic variation biases plasticity estimates". *Evolution* 73 5 (2019): 1057-1062. <http://dx.doi.org/10.1111/evo.13723>.
Published · 10.1111/evo.13723
- 11 Fragata, Inês (F812-23C0-FEC5); Simões, Pedro (7E14-DE9F-7537); Matos, Margarida (461A-92A5-2FD0); Szathmáry, Eörs; Santos, Mauro. "Playing evolution in the laboratory: From the first major evolutionary transition to global warming". *EPL (Europhysics Letters)* 122 3 (2018): 38001. <http://dx.doi.org/10.1209/0295-5075/122/38001>.
Published · Open access · 10.1209/0295-5075/122/38001
- 12 Seabra, Sofia G; Fragata, Inês; Antunes, Marta A; Faria, Gonçalo S; Santos, Marta A; Sousa, Vitor C; Simões, Pedro; Matos, Margarida. "Different Genomic Changes Underlie Adaptive Evolution in Populations of Contrasting History". *Molecular Biology and Evolution* 35 3 (2018): 549-563. <http://dx.doi.org/10.1093/molbev/msx247>.
Published · 10.1093/molbev/msx247
- 13 Varela, Susana A. M.; Matos, Margarida (461A-92A5-2FD0); Schlupp, Ingo. "The role of mate-choice copying in speciation and hybridization". *Biological Reviews* 93 2 (2018): 1304-1322. <http://dx.doi.org/10.1111/brv.12397>.
Published · 10.1111/brv.12397
- 14 Simões, Pedro (7E14-DE9F-7537); Fragata, Inês (F812-23C0-FEC5); Seabra, Sofia G. (BA13-DAD2-4698); Faria, Gonçalo S.; Santos, Marta A. (D117-A45D-A88A); Rose, Michael R.; Santos, Mauro; Matos, Margarida (461A-92A5-2FD0). "Predictable phenotypic, but not karyotypic, evolution of populations with contrasting initial history". *Scientific Reports* 7 913 (2017): <http://dx.doi.org/10.1038/s41598-017-00968-1>.
Published · Open access · 10.1038/s41598-017-00968-1
- 15 Santos, Mauro; Sapage, Manuel; Matos, Margarida; Varela, Susana A. M.. "Mate-choice copying: A fitness-enhancing behavior that evolves by indirect selection". *Evolution* 71 6 (2017): 1456-1464. <http://dx.doi.org/10.1111/evo.13235>.
Published · 10.1111/evo.13235
- 16 Santos, J.; Pascual, M.; Fragata, I.; Simões, P.; Santos, M. A.; Lima, M.; Marques, A.; et al. "Tracking changes in chromosomal arrangements and their genetic content during adaptation". *Journal of Evolutionary Biology* 29 6 (2016): 1151-1167. <http://dx.doi.org/10.1111/jeb.12856>.
Published · 10.1111/jeb.12856
- 17 Simões, P.; Fragata, I.; Lopes-Cunha, M.; Lima, M.; Kellen, B.; Bárbaro, M.; Santos, M.; Matos, M.. "Wing trait-inversion associations in *Drosophila subobscura* can be generalized within continents, but may change through time". *Journal of Evolutionary Biology* 28 12 (2015): 2163-2174. <http://dx.doi.org/10.1111/jeb.12739>.
Published · 10.1111/jeb.12739
- 18 Bárbaro, Margarida; Mira, Mário S.; Fragata, Inês (F812-23C0-FEC5); Simões, Pedro (7E14-DE9F-7537); Lima, Margarida; Lopes-Cunha, Miguel; Kellen, Bárbara; et al. "Evolution of mating behavior between two populations adapting to common environmental conditions". *Ecology and Evolution* 5 8 (2015): 1609-1617. <http://dx.doi.org/10.1002/ece3.1454>.
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- 19 Fragata, Inês (F812-23C0-FEC5); Lopes-Cunha, Miguel; Bárbaro, Margarida; Kellen, B.; Lima, Margarida; Santos, Marta A. (D117-A45D-A88A); Faria, Gonçalo S.; et al. "How much can history constrain adaptive evolution? A real-time evolutionary approach of inversion polymorphisms in *Drosophila subobscura*". *Journal of Evolutionary Biology* 27 12 (2014): 2727-2738. <http://dx.doi.org/10.1111/jeb.12533>.

- 20 Santos, Mauro; Matos, Margarida; Varela, Susana A. M.. "Negative Public Information in Mate Choice Copying Helps the Spread of a Novel Trait". *The American Naturalist* 184 5 (2014): 658-672. <http://dx.doi.org/10.1086/678082>.
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- 21 Fragata, Inês (F812-23C0-FEC5); Simões, Pedro (7E14-DE9F-7537); Lopes-Cunha, Miguel; Lima, Margarida; Kellen, Bárbara; Bárbaro, Margarida; Santos, Josiane (8519-B009-E45E); et al. "Laboratory Selection Quickly Erases Historical Differentiation". *PLoS ONE* 9 5 (2014): e96227. <http://dx.doi.org/10.1371/journal.pone.0096227>.
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- 22 Santos, Josiane (8519-B009-E45E); Pascual, Marta; Simões, Pedro (7E14-DE9F-7537); Fragata, Inês (F812-23C0-FEC5); Rose, Michael R.; Matos, Margarida (461A-92A5-2FD0). "Fast evolutionary genetic differentiation during experimental colonizations". *Journal of Genetics* 92 2 (2013): 183-194. <http://dx.doi.org/10.1007/s12041-013-0239-x>.
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- 23 Magalhães, Sara; Matos, Margarida (461A-92A5-2FD0). "Strengths and weaknesses of experimental evolution". *Trends in Ecology & Evolution* 27 12 (2012): 649-650. <http://dx.doi.org/10.1016/j.tree.2012.08.004>.
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- 24 Santos, J.; Pascual, M.; Simões, P.; Fragata, I.; Lima, M.; Kellen, B.; Santos, M.; et al. "From nature to the laboratory: the impact of founder effects on adaptation". *Journal of Evolutionary Biology* 25 12 (2012): 2607-2622. <http://dx.doi.org/10.1111/jeb.12008>.
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- 25 Matos, Margarida (461A-92A5-2FD0). "Maternal effects can inflate rate of adaptation to captivity". *Proceedings of the National Academy of Sciences* 109 36 (2012): E2380-E2380. <http://dx.doi.org/10.1073/pnas.1202193109>.
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- 27 Simões, Pedro (7E14-DE9F-7537); Pascual, Marta; Coelho, Maria Manuela; Matos, Margarida (461A-92A5-2FD0). "Divergent evolution of molecular markers during laboratory adaptation in *Drosophila subobscura*". *Genetica* 138 9-10 (2010): 999-1009. <http://dx.doi.org/10.1007/s10709-010-9486-4>.
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- 28 Santos, Marta A. (D117-A45D-A88A); Fragata, Inês (F812-23C0-FEC5); Santos, Josiane (8519-B009-E45E); Simões, Pedro (7E14-DE9F-7537); Marques, Ana; Lima, Margarida; Matos, Margarida (461A-92A5-2FD0). "Playing Darwin. Part B. 20 years of domestication in *Drosophila subobscura*". *Theory in Biosciences* 129 2-3 (2010): 97-102. <http://dx.doi.org/10.1007/s12064-010-0086-8>.
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Journal issue	1	Matos, Margarida; Simões, Pedro (7E14-DE9F-7537); Fragata, Inês (F812-23C0-FEC5); Quina, Ana S. (8D11-3BE8-8F25); Kristensen, Torsten N.; Santos, Mauro. "Coping with Climate Change: A Genomic Perspective on Thermal Adaptation". <i>Frontiers in Genetics</i> (2021): https://www.frontiersin.org/research-topics/10587/coping-with-climate-change-a-genomic-perspective-on-thermal-adaptation . Published · 10.3389/978-2-88966-494-8
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Magazine article	1	Matos, Margarida. "A Evolução Darwiniana Experimental: um caso de estudo em <i>Drosophila subobscura</i> ", <i>Biologia e Sociedade</i> , 2009, http://ordembilogos.pt/wp-content/uploads/2015/11/BiologiaSociedade_08.pdf .
	2	Matos, Margarida; Salgueiro, Nuno. "A evolução da plasticidade", <i>Ciência</i> , 2000

Other

Other output	1	Santos, Marta A. (D117-A45D-A88A); Carromeu-Santos, Ana (8512-42A1-5096); Quina, Ana S. (8D11-3BE8-8F25); Matos, Margarida; Simões, Pedro (7E14-DE9F-7537). 2019. Conseguem as populações adaptar-se ao aquecimento global?. Webpage of the Portuguese Association for Evolutionary Biology, within 'Beagle de Darwin': a forum that disseminates the most recent research work in Evolutionary Biology developed in Portugal, or by Portuguese researchers, around the world.. https://apbe.weebly.com/beagle-de-darwin.html .
	2	Fragata, Inês (F812-23C0-FEC5); Simões, Pedro (7E14-DE9F-7537); Matos, Margarida; Santos, Mauro. 2016. Persistence of phenotypic plasticity. Outreach activity: UABDivulga, Barcelona Research and Innovation. http://www.uab.cat/web/news-detail/persistence-of-phenotypic-plasticity-1345680342044.html?noticiaid=1345701925637 .
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Activities

Oral presentation

	Presentation title	Event name Host (Event location)
2021/06/25	Evolution of gene expression in a warming environment	Virtual Evolution 2021 Society for the Study of Evolution (SSE) (United States)

2021/06/25	Evolution of gene expression in a warming environment	Virtual Evolution 2021 Society for the Study of Evolution (SSE) (United States)
2021/06/25	Evidence for geographical variation during evolution under dynamic thermal environments	Virtual Evolution 2021 Society for the Study of Evolution (SSE) (United States)
2021/01/13	From Nature to the Lab: The role of history, chance and selection during adaptation to a novel environment	E235 Experimental Evolution Seminar University of California Irvine, invited by Prof. Michael R. Rose (Irvine, United States)
2020/12/17	Cold developmental acclimation for fecundity in <i>Drosophila subobscura</i>	XVI ENCONTRO NACIONAL DE BIOLOGIA EVOLUTIVA CESAM (Webinar, Portugal)
2020/12/17	Gene expression during adaptation to global warming	XVI ENCONTRO NACIONAL DE BIOLOGIA EVOLUTIVA CESAM (Webinar, Portugal)
2020/12/16	Evolution serving society: a <i>Drosophila</i> experiment under climate change	XVI ENCONTRO NACIONAL DE BIOLOGIA EVOLUTIVA CESAM (Webinar, Portugal)
2019/07/13	Archipelagos in the Anthropocene: the legacies of past-human environment interactions on Islands	Island Biology 2019 - III International Conference University of La Réunion (La Réunion, France)
2018/07/10	Predictability of short-term versus long-term phenotypic evolution in <i>Drosophila subobscura</i> populations of contrasting histories	Frontiers in E3 - 4th Annual Meeting 2018 Universidade de Lisboa Faculdade de Ciências (Lisbon, Portugal)
2017/12/20	Real-time evolution of the genomic content of inversions in initially differentiated populations of <i>Drosophila subobscura</i>	XIII Encontro Nacional de Biologia Evolutiva CCMAR (Faro, Portugal)
2017/06/06	Genomic changes during adaptive evolution of <i>Drosophila subobscura</i> populations of contrasting biogeographical history	Frontiers in E3 - 3rd Annual Meeting 2017 University of Azores (Ponta Delgada, Portugal)
2017/06/06	Predictability of evolution of populations with contrasting history varies between biological levels	Frontiers in E3 - 3rd Annual Meeting 2017 University of Azores (Ponta Delgada, Portugal)
2017/06/06	Cooperation in humans: testing predictions of Multilevel Selection Theory (MLST) using ultimatum games	Frontiers in E3 - 3rd Annual Meeting 2017 University of Azores (Ponta Delgada, Portugal)

Portugal)

2017/01/24	Genomic approaches to the study of adaptive evolution in <i>Drosophila subobscura</i> populations of contrasting biogeographical history	Bioinformatics Open Days 6th Edition University of Minho (Braga, Portugal)
2016/10/05	Can we predict Adaptive Evolution? A question with many answers	XXI Seminario de Genética de Poblaciones y Evolución Hotel Calipolis (Sitges, Spain)
2016/06/28	Genomics of laboratory adaptation in clinal populations of <i>Drosophila subobscura</i>	Frontiers in E3 - 2nd Annual Meeting 2016. Universidade de Lisboa Faculdade de Ciências (Lisbon, Portugal)
2016/06/28	Predictability of long-term, but not short-term phenotypic evolution in <i>Drosophila</i>	Frontiers in E3 - 2nd Annual Meeting 2016 Universidade de Lisboa Faculdade de Ciências (Lisbon, Portugal)
2016/06/16	Predictability of long-term, but not short-term phenotypic evolution of <i>Drosophila</i>	Mathematical and Computational Evolutionary Biology Hameau de l'Etoile (Montpellier, France)
2016/05/06	Evolve and reseq: tracking genomic changes during adaptation of clinal populations	ConGenomics 2016 CIBIO (Vairão, Portugal)
2016/03/01	From Nature to the Lab: a story in five chapters and twenty years told in forty minutes	Seminar Instituto de Higiene e Medicina Tropical, (Lisbon, Portugal)
2015/12/21	Phenotypic and genetic levels tell different tales. Convergence (or not so much...) during adaptation to a new environment	XI Encontro Nacional de Biologia Evolutiva Universidade Nova de Lisboa Faculdade de Ciências e Tecnologia (Caparica, Portugal)
2015/12/14	From Nature to the Lab: a story in five chapters and twenty years told in forty minutes	Seminar Instituto Gulbenkian de Ciência (Portugal)
2015/10/07	Participation in the Debate Does Evolutionary Theory need a rethink?	Debate 'Does Evolutionary Theory need a rethink?' Universidade de Lisboa Faculdade de Ciências (Portugal)
2015/06/20	Decoupling between phenotypic and karyotypic evolution during adaptation: who's to blame?	Frontiers in E3 – 1st Annual Meeting 2015 Universidade de Lisboa Faculdade de Ciências (Lisbon, Portugal)

2015/04/17	Book presentation: Quem tem medo de Charles Darwin?	DARWIN'S LEGACY TEA PARTY Universidade de Lisboa Faculdade de Ciências (Lisbon, Portugal)
2015/03/03	Negative social information, mate-choice copying and species diversity	Seminar University of St. Andrews (St. Andrews, United Kingdom)
2014/10/10	Can social learning promote hybridisation? Mate-choice copying in <i>Drosophila subobscura</i> populations	11º Congresso da Sociedade Portuguesa de Etologia CIBIO (Vairão, Portugal)
2014/10/10	Negative public information in mate-choice copying helps the spread of a novel trait	11º CONGRESSO DA SOCIEDADE PORTUGUESA DE ETOLOGIA CIBIO (Vairão, Portugal)
2014/06/24	Life-history, selection, and effective population size shaping evolution during colonization – lessons from <i>Drosophila melanogaster</i>	Evolution 2014 – Joint annual meeting of the Society for the Study of Evolution (SSE), the Society of Systematic Biologists (SSB), and the American Society of Naturalists (ASN) Raleigh Conference Center (Raleigh, United States)
2013/08/24	Quick adaptation to a new environment erases signature of history in natural populations	XIV Congress of the European Society for Evolutionary Biology Universidade de Lisboa Faculdade de Ciências (Lisbon, Portugal)
2013/05/29	From Nature to the Lab: the role of Selection, Chance and History during adaptation to a novel environment	International Conference on Evolutionary Patterns' Calouste Gulbenkian Foundation (Lisbon, Portugal)
2013/01/28	From Nature to the Lab: the role of Selection, Chance and History during adaptation to a novel environment	Seminar Institut des Sciences de L'Evolution, Université Montpellier-2 (Montpellier, France)
2012/06/10	Evolutionary dynamics with small and large population sizes: Life history and N_e in forward and reverse selection	Evolution Ottawa. First Joint Congress on Evolutionary Biology Carleton University (Ottawa, Canada)
2011/12/21	Are reproductive barriers involved in the maintenance of a latitudinal cline?	VII Encontro Nacional de Biologia Evolutiva Universidade de Coimbra (Coimbra, Portugal)
2011/06/28	From Nature to Lab: all hell breaks loose – 18 years studying evolutionary Domestication in <i>Drosophila subobscura</i> , por convite do Professor Michael R. Rose, Department of Ecology and Evolutionary Biology	Seminar Department of Ecology and Evolutionary Biology, University of California, Irvine (Irvine, United States)

2009/12/21	Different patterns of wing size and shape linked to chromosomal inversions in <i>Drosophila subobscura</i> populations	V Encontro Nacional de Biologia Evolutiva Instituto Superior de Psicologia Aplicada (Lisbon, Portugal)
2009/07/01	Thermal preference and heat stress resistance in clinally varying inversion polymorphisms of <i>Drosophila subobscura</i>	Conservation Genetics and Thermal Adaptation Workshop, 'Evolutionary and Physiological Adaptation to Climate Induced Environmental Changes' Bialowieza Conference Centre (Bialowieza, Poland)
2009/06/23	Evolutionary dynamics of microsatellites and life-history traits during local adaptation: a case study in <i>Drosophila subobscura</i>	Seminar Institut für Tierzucht und Genetik, Veterinärmedizinische Universität Wien (Vienna, Austria)
2009/04/24	Experimental Evolution as the most empirical tool of Microevolutionary studies: playing Darwin	Conference 'Evolution Today and Tomorrow' Universidade de Lisboa Faculdade de Ciências (Lisbon, Portugal)
2004/10/22	How consistent is convergent evolution in the lab? Comparisons of four studies in <i>Drosophila subobscura</i>	Seminar Departament de Genètica i Microbiologia, Facultat de Ciències, Universitat Autònoma de Barcelona (Barcelona, Spain)
2004/10/05	Predictabilities and uncertainties of adaptation to novel environments	Workshop on "Experimental Evolution" (Fribourg, Switzerland)
2002/04/17	How variable is convergent evolution? Comparison of three studies of laboratory adaptation in <i>Drosophila subobscura</i>	Seminar Institute of Evolutionary and Ecological Sciences (EEW), Leiden University (Leiden, Netherlands)
2002/03/16	Convergent evolution during laboratory adaptation: temporal and spatial comparisons in <i>Drosophila subobscura</i>	Sixth International Congress of Systematic and Evolutionary Biology University of Patras (Patras, Greece)
2001/09/18	Convergent Evolution in the lab: comparison of two studies in <i>Drosophila subobscura</i>	Seminar Departament de Genètica, Facultat de Biologia, Universitat de Barcelona (Barcelona, Spain)
2001/08/25	Variation in tempo and mode of convergent evolution: adaptation to the lab in <i>D. subobscura</i>	8th Congress of the Evolutionary Society for Evolutionary Biology Aarhus University, Denmark (Aarhus)
1999/04/22	Evolution of plasticity: a scientific question becomes a methodological problem	Seminar at the 'Resistance-group' Department of Ecology and Evolutionary Biology, University of

California, Irvine, California (Irvine, United States)

1998/02/19	The effect of males' adaptation on the expression of females' life-history traits	Seminar at the 'aging group' Department of Ecology and Evolutionary Biology, University of California, Irvine, California (Irvine, United States)
1998/02/11	Adaptation of a wild population of <i>Drosophila subobscura</i> to a laboratorial environment	Evolutionary Biology Course Department of Ecology and Evolutionary Biology, University of California, Irvine, California (Irvine, United States)
1997/08/28	Testing general theories of senescence: evolution of G-matrices and mean values of life-history traits during the adaptation to a novel environment	6th Congress of the European Society for Evolutionary Biology Royal Netherlands Academy of Arts and Sciences (Arnhem, Netherlands)
1997/06/11	Evolution of senescence: change in the genetics of life-history traits as a wild population of <i>Drosophila subobscura</i> adapts to a novel environment	Seminar University of Santa Cruz, California (Santa Cruz, United States)
1996/08/24	Evolution of Senescence: do genetic correlations change as a population adapts to a novel environment?	Fifth International Congress of Systematic and Evolutionary Biology The Hungarian Academy of Sciences (Budapest, Hungary)
1991/11/30	A importância da Genética Quantitativa em Ecologia Comportamental	I Congresso Nacional de Etologia Instituto Superior de Psicologia Aplicada (Lisbon, Portugal)
1991/09/23	Genetic correlations of life history traits in <i>Drosophila</i> : retrospects and prospects	Workshop on "Evolution and Ecology of genetic systems" European Society for Evolutionary Biology (Woudschoten, Netherlands)
1987/10/23	Seleção parental e altruísmo	Colóquio de Etologia Instituto Superior de Psicologia Aplicada, Lisboa (Lisbon, Portugal)
1987/09/04	Egg-viability in <i>Drosophila subobscura</i> under semi-natural conditions	Tenth European <i>Drosophila</i> Research Conference Universitat de Barcelona (Barcelona, Spain)
1985/06/22	Daily fecundity of <i>Drosophila simulans</i> , <i>D. subobscura</i> and <i>D. phalerata</i> (Diptera, Drosophilidae) throughout the year under semi-natural conditions	II Congresso Ibérico de Entomologia Fundação Calouste Gulbenkian (Lisbon, Portugal)

Supervision

	Thesis Title Role	Degree Subject (Type) Institution / Organization
2017/03/01 - Current	The Role of Spatial Structure in the Process of Mate-Choice Copying Co-supervisor of Manuel António Pinto Sapage	Biodiversidade, Genética e Evolução (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal
2020/10/01 - 2024/09/30	Evolving & expressing: real-time transcriptome evolution during adaptation to global warming Co-supervisor	Biology (PhD) Faculty of Sciences of the University of Lisbon, Portugal
2020/09/10 - 2021/09/09	Backing up under pressure: Role of sensory afferents in walking direction Co-supervisor	Evolutionary and Developmental Biology (Master) Faculty of Sciences of the University of Lisbon, Portugal
2016/03/04 - 2020/04/22	Island Biogeography in the Anthropocene and Quaternary Co-supervisor of Sietze Johannes Norder	Biodiversidade, Genética e Evolução (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal
2009/02/01 - 2018/07/12	Evolutionary lessons from <i>Drosophila melanogaster</i> during colonization. How do history, selection, and effective size shape evolution? Supervisor of Marta Alexandra Arandas dos Santos (D117-A45D-A88A)	Biologia (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal
2016/09/01 - 2017/11/15	Analysis of genomic changes during adaptive evolution in <i>Drosophila subobscura</i> populations of contrasting biogeographical history Supervisor of Marta Maria Alves Antunes (4011-E8C2-DA95)	Bioinformatics and Computational Biology (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2007/01/01 - 2016/01/22	Tracking Evolutionary Paths in Colonizing Events: Temporal changes in life-history traits, microsatellites and inversions in <i>Drosophila subobscura</i> Supervisor of Josiane Miranda Sales Santos (8519-B009-E45E)	Biologia (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal
2014/09/01 - 2015/12/15	How does chromosomal instability affect the tempo and mode of adaptation? Co-supervisor of Ana Catarina Silvestre Morais	Biologia Evolutiva e do Desenvolvimento (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2010/02/01 - 2015/09/14	The role of History, Chance and Selection during Adaptation: an integrative perspective. Supervisor of Inês Regina Lopes de Mendonça Fragata (F812-23C0-FEC5)	Biologia (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal

2013/09/01 - 2014/10/30	Can social learning promote hybridisation? Mate-choice copying in <i>Drosophila subobscura</i> populations Supervisor	Biologia Evolutiva e do Desenvolvimento (Master)
2010/09/01 - 2011/12/14	Clinal differentiation and correlation between chromosomal polymorphism and body size in <i>Drosophila subobscura</i> Supervisor of Margarida Rocha de Lima	Biologia Evolutiva e do Desenvolvimento (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2010/09/01 - 2011/10/12	Are reproductive barriers involved in the maintenance of a latitudinal cline? Insights from a set of populations of <i>Drosophila subobscura</i> adapting to a common environment Co-supervisor	Biologia Evolutiva e do Desenvolvimento (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2008/09/01 - 2009/11/23	Inversion polymorphisms: an insight into its molecular genetic content Co-supervisor of João Guilherme Picão Osório	Biologia Evolutiva e do Desenvolvimento (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2007/09/01 - 2008/11/14	Inbreeding depression during adaptation to captivity: analysis of fitness, behaviour and life-history in <i>Drosophila subobscura</i> Supervisor	Biologia Evolutiva e do Desenvolvimento (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2006/09/01 - 2008/02/12	Alterações Evolutivas durante a Adaptação ao Cativeiro: Análise de Características Morfológicas, Comportamentais e da História da Vida Supervisor of Inês Regina Lopes de Mendonça Fragata	Biologia Evolutiva e do Desenvolvimento (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2002/01/01 - 2008/01/11	Evolutionary divergence between two closely related species, <i>Drosophila madeirensis</i> and <i>Drosophila subobscura</i> : Quantitative genetic differentiation, reproductive barriers and evolutionary potential Supervisor of Carla José Azevedo Rego	Biologia (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal
2003/01/01 - 2007/12/18	Analyses of Life History Traits and Microsatellite Loci during Laboratory Adaptation Supervisor of Pedro Miguel Moraes Corado Simões (7E14-DE9F-7537)	Biologia (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal
1999/01/01 - 2007/07/24	Genetics of a Newly Evolved Testis-Specific Gene <i>Sdic</i> Co-supervisor	Biologia (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal Indian Institute of Science Education and Research Mohali, India

Event organisation

	Event name Type of event (Role)	Institution / Organization
2011/05/14 - 2011/05/14	The Evolution of Free Will Symposium co-organized with Doctor Filipa Vala as launching of the EvoS programme in the University of Lisbon (2011/05/14 - 2011/05/14) Symposium (Co-organisor)	Universidade de Lisboa Faculdade de Ciências, Portugal
2010/12/22 - 2010/12/22	VI Encontro Nacional de Biologia Evolutiva (2010/12/22 - 2010/12/22) Congress (Co-organisor)	Universidade de Lisboa Faculdade de Ciências, Portugal
2005/12/22 - 2005/12/22	I Encontro Nacional de Biologia Evolutiva (2005/12/22 - 2005/12/22) Congress (Co-organisor)	Universidade de Lisboa Faculdade de Ciências, Portugal
2005/11/04 - 2005/11/04	One day Workshop on 'Evolutionary trajectories of fitness related traits' As part (closing sessions) of the 'Acções Integradas Luso-Espanholas' 2004 N° E-36/04 (2005/11/04 - 2005/11/04) Workshop (Co-organisor)	

Event participation

	Activity description Type of event	Event name Institution / Organization
2021/03/09 - 2021/03/09	IX Jornadas da Investigação em Biologia March 4, 5, 9 and 10 2021; Tertulia 'Alterações Climáticas' Margarida Matos (round table), March 9 2021. Webinar FCUL. Meeting	IX Jornadas da Investigação em Biologia NEBFCUL, Portugal
1985 - 2020	Throughout the years participation in many Scientific meetings and congresses with poster presentations (oral presentations are mentioned in detail under that category); Number of posters presented between 1985 and 2020: In National Meetings: 44 posters In International Meetings: 41 posters Congress	Many different meetings, national and international, throughout the years

Jury of academic degree

	Theme Role	Candidate name (Type of degree) Institution / Organization
2020/10/19	Seasonal plasticity in insect models: effect of variable temperatures on developmental outcome (Thesis) Arguer	Yara Katia Santos Rodrigues (PhD) Universidade Nova de Lisboa Instituto de Tecnologia Química e Biológica, Portugal
2020/02/03	Intraspecific variation in functional traits in the wolf spider <i>Lycosa fasciventris</i> : implications for trophic cascades (Thesis) Main arguer	Jorge Filipe Pereira Henriques (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal
2018/12/17	Uncovering genetic correlations between traits crucial to population dynamics (Thesis) Main arguer	André Luís Ferreira Mira (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2018/07/03	Evolution of the HSP70 gene family at the nucleotide, genome organization and gene expression levels in <i>Drosophila subobscura</i> (Thesis) Arguer	Marta Puig Giribets (PhD) Universitat Autònoma de Barcelona, Spain
2018/04/23	Evolutionary history of sympatric Rainbow skinks from the Australian Monsoonal Tropics (Thesis) Arguer	Ana Catarina Afonso Silva (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal
2018/04/06	Analyses of the genomic variation to study cork oak evolution and adaptation: from past to future climatic changes (Thesis) Arguer	Francisco Pina-Martins (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal
2018/03/16	Understanding adaptation to new ecological niches – the case of <i>Drosophila suzukii</i> (Thesis) Arguer	Nuno Filipe da Silva Soares (PhD) Instituto Gulbenkian de Ciência, Portugal Universidade Nova de Lisboa Instituto de Tecnologia Química e Biológica, Portugal
2017/07/28	Polyandry and host-endosymbiont conflicts in the spider mite <i>Tetranychus urticae</i> (Thesis) Arguer	Ana Leonor Rapoula Rodrigues (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal
2017/07/18	Responses of congeneric freshwater fish, <i>Squalius carolitertii</i> and <i>Squalius torgalensis</i> , to future climate change - A molecular and physiological approach (Thesis) Arguer	Tiago Filipe Salgueiro de Jesus (PhD) Universidade de Lisboa Faculdade de Ciências, Portugal

2016/12/05	Host-Microbe Interaction and Evolution: infection, symbiosis, immunity and adaptation (Thesis) Main arguer	Vitor Gouveia Faria (PhD) Instituto Gulbenkian de Ciência, Portugal Universidade Nova de Lisboa Instituto de Tecnologia Química e Biológica, Portugal
2016/07/14	Natural selection and evolution of behavior and its variability in experimental populations (Thesis) Main arguer	Bruno Afonso (PhD) Instituto Gulbenkian de Ciência, Portugal Universidade Nova de Lisboa Instituto de Tecnologia Química e Biológica, Portugal
2016/07/06	Sélection, plasticité et dérive façonnent les traits d'histoire de vie chez l'acarien ravageur de cultures <i>Tetranychus urticae</i> suite à un changement d'hôte (Thesis) Arguer	Cassandra Marinosci (PhD) Université de Montpellier, France
2015/12/14	Comparative conservation genetics of several threatened lemur species living in fragmented environments (Thesis) Arguer	Jordi Salmona (PhD) Instituto Gulbenkian de Ciência, Portugal Universidade Nova de Lisboa Instituto de Tecnologia Química e Biológica, Portugal
2015/10/16	Assessing the speciation continuum in <i>Timon lepidus</i> (Thesis) Main arguer	Telma Guedes Laurentino (Master) Universidade de Lisboa Faculdade de Ciências, Portugal
2015/08/28	Phenotypic plasticity as an adaptive response to predictable and unpredictable environmental changes (Thesis) Main arguer	Tommaso Manenti (PhD) Aarhus Universitet, Denmark
2014/07/11	On the identification and evolution of ecologically relevant genes in <i>Drosophila americana</i> (Thesis) Main arguer	Micael Fernandes dos Reis (PhD) Universidade do Porto Faculdade de Ciências, Portugal
2013/12/16	Genetic and Phenotypic Differentiation in three Chromosomal Arrangements in <i>Drosophila subobscura</i> (Thesis) Arguer	Olga Dolgova (PhD) Universitat Autònoma de Barcelona, Spain
2012/11/26	Cultural transmission of sexual preferences in <i>Drosophila melanogaster</i> : testing for the durability of socially learnt preferences (Thesis) Main arguer	Salomé Gomes Loureiro Hipólito Clemente (Master) Universidade de Lisboa Faculdade de Ciências, Portugal

2012/01/05	Adaptation from standing genetic variation and from mutation: experimental evolution of populations of <i>Caenorhabditis elegans</i> (Thesis) Main arguer	Sara Nunes Lança de Carvalho (PhD) Instituto Gulbenkian de Ciência, Portugal Universidade Nova de Lisboa Instituto de Tecnologia Química e Biológica, Portugal
2006/05/26	Evolución termal del polimorfismo cromosómico y la morfometría del ala en una población experimental de <i>Drosophila subobscura</i> (Thesis) Arguer	Walkiria Céspedes Vigoya (PhD) Universitat Autònoma de Barcelona, Spain
2002/04/18	Potential Evolutionary Constraints: Development of wing patterns in <i>Bicyclus anynana</i> (Thesis) Arguer	Patrícia Margarida do Ó de Oliveira Beldade (PhD) Instituto Gulbenkian de Ciência, Portugal Leiden University, Netherlands
1998/07/22	Some aspects of hybrid inviability and species differences of the parasitic wasp <i>Nasonia</i> (Thesis) Main arguer	Ana Rita de Heaton Ayres Ponce (Master) Universidade Lusófona de Humanidades e Tecnologias, Portugal

Committee member

	Activity description Role	Institution / Organization
2020/01/01 - 2021	Co-coordinator in the Master in Evolutionary and Developmental Biology (FCUL) since 2020; Coordinator Élio Sucena Coordinator	University of Lisbon, Faculty of Sciences, Portugal
2019/09/01 - 2021	Co-coordinator of the PhD programme 'Biodiversity, Genetics and Evolution' University of Lisbon since 2019; Coordinator Jorge Palmeirim Coordinator	University of Lisbon, Faculty of Sciences, Portugal
2009 - 2021	Member of the Executive Committee of Centre for Ecology, Evolution and Environmental Changes since 2009 (until 2014 CBA) Member	University of Lisbon/Faculty of Sciences/Centre for Ecology, Evolution and Environmental Changes, Portugal

Conference scientific committee

	Conference title	Conference host
2021/01/14 - 2021/01/15	BIODIV Annual Meeting 2021 - webinar	Faculty of Sciences of the University of Lisbon

2013/10/24 - 2013/10/25	10º Congresso Nacional de Etologia	Fundação Champalimaud para o Desconhecido
2013/08/19 - 2013/08/24	XIV Congress of the European Society for Evolutionary Biology	Universidade de Lisboa Faculdade de Ciências

Course / Discipline taught

	Academic session	Degree Subject (Type)	Institution / Organization
2017 - Current	Advanced Courses and Seminars Part I in the PhD doctoral programme in Biodiversity, Genetics and Evolution	Advanced Courses and Seminars Part I in the PhD doctoral programme in Biodiversity, Genetics and Evolution (Doutoramento)	Universidade de Lisboa Faculdade de Ciências, Portugal
2017 - Current	Advanced Courses and Seminars Part II in the PhD doctoral programme in Biodiversity, Genetics and Evolution	Advanced Courses and Seminars Part II in the PhD doctoral programme in Biodiversity, Genetics and Evolution (Doutoramento)	
2016/02 - 2021	Guided Study in Evolutionary and Developmental Biology, since 2015/2016, changed to responsible teacher since 2020/2021	Biology (Licenciatura)	University of Lisbon, Faculty of Sciences, Portugal
2004 - 2021	Evolution - theoretical-practical component in the Bachelor in Biology since 2004; theoretical classes and teacher responsible for the discipline since 2020/2021	Evolution for the Bachelor in Biology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal
2007 - 2020	Experimental Evolution in the Master in Evolutionary and Developmental Biology	Experimental Evolution for the Master in Evolutionary and Developmental Biology (Mestrado)	Universidade de Lisboa Faculdade de Ciências, Portugal
2006 - 2020	Evolutionary Biology in the Bachelor in Biology	Evolutionary Biology for the Bachelor in Biology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal
2010/09 - 2012/06	EVoS-1, transversal optional discipline (FCSE) in several Bachelor courses at FCUL	EVoS-1 in several Bachelor courses at FCUL (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal
2005/09 - 2006/06	Operational Methods in the Master in Conservation Biology	Operational Methods in the Master in Conservation Biology (Mestrado)	Universidade de Lisboa Faculdade de Ciências, Portugal

1999 - 2006	Evolutionary Ecology in the Bachelor in Biology	Evolutionary Ecology in the Bachelor in Biology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal
1994 - 2006	Evolutionary Ecology in the Bachelor in Biology	Evolutionary Ecology in the Bachelor in Biology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal
2003 - 2005	Operational Methods in the laboratory in the Master in Conservation Biology	Operational Methods in the laboratory in the Master in Conservation Biology (Mestrado)	Universidade de Lisboa Faculdade de Ciências, Portugal
1995/09 - 2000/06	Ecology in the Bachelor in Biology	Ecology in the Bachelor in Biology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal
1998/09 - 1999/06	Biology for the Bachelor in Geology	Biology for the Bachelor in Geology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal
1998 - 1999	Animal Ecology in the Master in Insular Ecology and Evolution, University of Azores	Animal Ecology in the Master in Insular Ecology and Evolution (Mestrado)	Universidade dos Açores, Portugal
1998 - 1999	General Ecology in the Bachelor in 'Teaching Biology and Geology' specialty Geology	General Ecology in the Bachelor in 'Teaching Biology and Geology' specialty Geology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal
1995 - 1996	Evolution in the Bachelor in Teaching in Biology	Evolution in the Bachelor in Teaching in Biology (Licenciatura)	Universidade da Madeira, Portugal
1984/09 - 1992/06	Ecology II in the Bachelor in Biology	Ecology II in the Bachelor in Biology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal
1984/09 - 1992/06	General Ecology II in the Bachelor in Biology	General Ecology II in the Bachelor in Biology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal
1990 - 1992	Evolution in the Bachelor in Biology	Evolution in the Bachelor in Biology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal
1989 - 1990	Biology in the Bachelor in Geology	Biology in the Bachelor in Geology	Universidade de Lisboa Faculdade de Ciências, Portugal
1988/09 - 1989/02	Animal Biology I for the Bachelor in Biology	Animal Biology I for the Bachelor in Biology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal

1988 - 1989	Animal Physiology in the Bachelor in Biology	Animal Physiology in the Bachelor in Biology (Licenciatura)	Universidade da Madeira, Portugal
1986/09 - 1987/06	Animal Physiology in the Bachelor in Biology	Animal Physiology in the Bachelor in Biology (Licenciatura)	Universidade de Lisboa Faculdade de Ciências, Portugal

Evaluation committee

	Activity description Role	Institution / Organization	Funding entity
2021/05/01 - 2021/10/15	Evaluation of PhD grant applications financed by 'Fundação para a Ciência e a Tecnologia' 2021 Evaluator	Fundação para a Ciência e a Tecnologia, Portugal	Fundação para a Ciência e a Tecnologia, Portugal
2021/07/19 - 2021/07/19	Evaluation of stand-alone projects within the Austrian Science Fund (FWF) (1) Evaluator		Austrian Science Fund (FWF), Austria
2020 - 2020	Evaluation of projects submitted within the ESF-College of Expert Reviewers: Research Foundation Flanders (FWO) Postdoctoral fellow call (2) Evaluator	Research Foundation Flanders (FWO) , Belgium	European Science Foundation, France
2020 - 2020	Evaluation of projects submitted within the ESF-College of Expert Reviewers: Lille-Young Researchers 2020 (1) Evaluator	Lille-Young Researchers , France	European Science Foundation, France
2018 - 2018	Evaluation of projects submitted within the ESF-College of Expert Reviewers: ERC Generator application evaluation (2) Evaluator	College of Expert Reviewers of ESF, France	European Science Foundation, France
2018 - 2018	Evaluation of projects submitted within the ESF-College of Expert Reviewers: Austrian Science Fund (FWF) evaluation of stand-alone project (1) Evaluator	College of Expert Reviewers of ESF, France	Austrian Science Fund (FWF), Austria

2016 - 2016	Evaluation of projects submitted within the ESF- College of Expert Reviewers: AXA Research Fund Post-Doctoral Fellowship Scheme (1) Evaluator	College of Expert Reviewers of ESF, France	European Science Foundation, France
2013/11 - 2013/11	Evaluator in the FCT call 'Investigador FCT' 2013 (4 applicants) Evaluator		Fundação para a Ciência e a Tecnologia, Portugal
2008/11 - 2008/11	Juri member in the FCT 'Ciências 2008' call of 'Centro de Botânica Aplicada à Agricultura, Instituto Superior de Agronomia' (2 positions) Evaluator	Universidade de Lisboa Instituto Superior de Agronomia, Portugal	Fundação para a Ciência e a Tecnologia, Portugal

Journal scientific committee

	Journal title (ISSN)	Publisher
2021/05/01 - Current	Genes	MDPI
2019/01/01 - Current	Frontiers in Ecology and Evolution	Frontiers
2014/01/01 - 2022/12/31	Frontiers in Genetics (1664-8021)	Frontiers
2017/01/01 - 2019/12/31	Evolution (1558-5646)	Wiley
2008/01/01 - 2017/12/31	Journal of Genetics (0022-1333)	Springer

Other jury / evaluation

	Activity description	Institution / Organization
2015/02/24 - 2015/09/21	Reports sent 'ex-loco' by invitation of supervisors: Vanika Gupta - 'In Sickness and in Health: Exploring the evolution of immune response using <i>Drosophila melanogaster</i> ' – Report on the PhD thesis, Indian Institute of Science Education and Research Mohali, India, by invitation of Prof. N. G. Prasad, Feb. 24 2015 Raymond Eugene Tobler – 'Adaptation to thermal stress in experimental <i>Drosophila</i> populations' – Report on the PhD thesis, Veterinarmedizinische Universität Wien, Austria, by invitation of Prof. Christian Schlotterer, Sept. 21 2015	Indian Institute of Science Education and Research Mohali, India Veterinärmedizinische Universität Wien, Austria

2006 - 2012

Evaluation ex-loco of PhD theses by invitation of supervisor (Prof. Marta Pascual, Universitat de Barcelona):
Josep Carreras 'Phylogeny, phylogeography and population structure in marine fishes with different dispersal capabilities' - report for evaluating Cum laude attribution, sent on September 29 2006;
Gemma Calabria 'Inversions cromosòmiques, clines i adaptació a *Drosophila subobscura*: aproximació mitjançant marcadors moleculars' - report for european diploma, sent on October 24 2012.

Universitat de Barcelona Facultat de Biologia, Spain