Livia D'Angelo

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University of Naples Federico II
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website: https://www.docenti.unina.it/livia.dangelo
Total publications: **63** - Citations: **1500** - H-Index **18** (source: Web of Science)

CURRENT POSITION

2021 - present: Associate Professor of Veterinary Anatomy (SDS VET/01), University of Naples Federico II (https://www.mvpa-unina.org/)

RESEARCH EXPERIENCES

- 2013 - 2018: Academic Researcher (SDS VET/01)
- 2017 - 2020: Associate Researcher @Stazione Zoologica Anton Dohrn, Naples, Italy
- 2015: Visiting scientist - Laboratory of Biology of Aging @ Leibniz Institute on Aging Research, Jena (Germany) (www.leibniz-fli.de)
- 2013: Visiting scientist @ e-media Unit of Royal Veterinary College of London, UK (https://www.rvc.ac.uk/)
- 2012 - 2013: Post-doc fellow @ University of Naples Federico II
- 2010 - 2011: Guest scientist - Laboratory of Biology of Aging @ Leibniz Institute on Aging Research, Jena (Germany)

ACADEMIC DUTIES

- 2023 - present: Director of the Master Human Diseases Models Morphological Phenotyping (MorphoPHEN) - an ERASMUS MUNDUS Joint Master https://morphophen.eu/
- 2023 - present: Director of the Post-Degree Specialization School in Science and Medicine of Laboratory Animals
- 2022 - present: Member of the Department Board
- 2021 - present: Animal Welfare Officer, Zenolab facility, University of Naples Federico II
- 2018 - present: Member of the internal board of EAEVE (https://www.eaeve.org/), Dept Veterinary Medicine and Animal Production, University of Naples Federico II

GRANTS AND FELLOWSHIPS

- 2024: *NEuroactive MEtabolites and plastics: Re-evaluations Trough a model Elasmobranch-NEMERTE – PNRR - NextGenerationEU*
- 2023: "The NONO killifish Aphanius fasciatus as ecophysiological SENtinel of vulnerable coastal habitatS (NONOSENS)"– Principal Investigator of Local Unit - PRIN PNRR 2022 - Italian Ministry of University and Research
- 2023: "Notho-Diet: from chemosensory perception to husbandry standardization". Principal Investigator/Coordinator of the Project - PRIN 2022 - Italian Ministry of University and Research
- 2023: "Determining the Link Between Hormones, Opioids and Taste Perception in Fish: A Pilot Project with Implications in Aquaculture and Food Sustainability" - Co-PI - Global Innovation Fund University of Saskatchewan (Canada)

- 2022: ERASMUS Mundus Joint Master "Human Diseases Models Morphological Phenotyping – MorphoPHEN" – PI of the UNINA - https://morphophen.eu/
- 2022: Responsible person of the Research Services with Materias https://www.materias.it/it/
- 2022: The Company of Biologist - Grant number EA485
- 2020: Progetto Federico, Lead applicant of a project on Innovative Teaching in Veterinary Medicine, University of Naples Federico II (http://www.progettofederico-rtdb.unina.it/)
- 2018 - 2021: PRECISION PATHOBIOLOGY for DISEASE MODELS (PATHBIO)
- Main partner of the European project "PRECISION PATHOBIOLOGY for DISEASE MODELS (PATHBIO)", Erasmus + Programme – Key Action 2 (KA2) — Cooperation for innovation and the exchange of good practices (www.pathbio.org)
- 2017 - 2020: Associate Researcher at Stazione Zoologica Anton Dohrn, Naples
- 2017: Food Intake in Aged Teleosts, University of Naples Federico II

KEY SELECTED PUBLICATIONS

1. Fuochi S, Rigamonti M, O'Connor EC, de Girolamo P, **D'Angelo L.** (**2024**). Big Data and its impact on the 3Rs: a home cage monitoring oriented review. Frontiers in Big Data 7, 1390467.
2. Raggio M, Giaquinto D, Attanasio C, Palladino A, Esposito V, Radaelli G, De Felice E, de Girolamo P, **D'Angelo L**. (**2024**) Fasting duration impacts ribosome protein 6 phosphorylation in zebrafish brain: New insights in aquatic organisms' welfare. Ann Anat. 254:152266. doi: 10.1016/j.aanat.2024.152266.
3. Fuochi S, Rigamonti M, Raspa M, Scavizzi F, de Girolamo P, **D'Angelo L**. (**2023**). Data repurposing from digital home cage monitoring enlightens new perspectives on mouse motor behaviour and reduction principle. Scientific Reports 13(1):10851. doi: 10.1038/s41598-023-37464-8. **IF. 4.6**
4. Palladino A, De Felice E, Attanasio C, Barone CMA, Crasto A, **D'Angelo L**, Giaquinto D, Lambiase C, Scocco P, Serrapica F, Maruccio L. (**2023**). A Morphological and Ultrastructural Study of the Anterior Digestive Tract of Adult Nile Tilapia Oreochromis niloticus. Animals (Basel) 13(3):420. doi: 10.3390/ani13030420. **IF. 3.231**
5. Palladino A, Salerno A, Crasto A, Lucini C, Maruccio L, **D'Angelo L**, Netti PA, de Girolamo P, Cacchioli A, Attanasio C, Ravanetti F. (**2023**). Integration of micro-CT and histology data for vasculature morpho-functional analysis in tissue regeneration. Ann Anat. 245:152019. doi: 10.1016/j.aanat.2022.152019. **IF. 2.9**
6. Fuochi S, Galasso ME, Colombo R, Giaquinto D, De Girolamo P, **D'Angelo L**. (**2022**). Puberty onset curve in CD (Sprague Dawley) and Long Evans outbred male rats. Laboratory Animals. 6:236772221078725. doi: 10.1177/00236772221078725. **IF. 2.5**
7. Fuochi S, Rigamonti M, Iannello F, Raspa M, Scavizzi F, de Girolamo P, **D'Angelo L**. (**2021**). Phenotyping spontaneous locomotor activity in inbred and outbred mouse strains using Digital Ventilated Cages. Lab Anim (NY) 50(8):215-223. doi: 10.1038/s41684-021-00793-0. **IF. 9.7**
8. Aleström P, **D'Angelo L**, Midtlyng PJ, Schorderet DF, Schulte-Merker S, Sohm F, Warner S. (**2019**). Zebrafish: Housing and husbandry recommendations. Lab Anim. 11:23677219869037. **IF. 1.5**
9. Montesano A, Felice E, Leggieri A, Palladino A, Lucini C, Scocco P, Girolamo P, Baumgart M, **D'Angelo L**. (**2020**). Ontogenetic Pattern Changes of Nucleobindin-2/Nesfatin-1 in the Brain and Intestinal Bulb of the Short Lived African Turquoise Killifish. J Clin Med. 9(1). pii: E103. doi: 10.3390/jcm9010103. **IF. 4.3**
10. Montesano A, Baumgart M, Avallone L, Castaldo L, Lucini C, Terzibasi Tozzini E, Cellerino A, **D'Angelo L**, de Girolamo P. (**2019**) Age-related central regulation of orexin and NPY in the short lived African killifish Nothobranchius furzeri. J Comp Neurol. 527(9):1508-1526. **IF. 2.9**

TEXTBOOK

Co-Editor of the book "Laboratory Fish in Biomedical Research. Biology, husbandry and research applications for zebrafish, medaka, killifish, cavefish, stickleback, goldfish and *Danionella translucida*", Elsevier (2021). *Chapter*: Fish as model system. ISBN 978-0-12-821099-4.

Naples,

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