



Daniela Eliana Sganga

Year of birth: 1988

ORCID

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Degrees

BSc & MSc equivalent (Biology), Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires (2013).
PhD (Biological Sciences), Departamento de Biodiversidad y Biología Experimental, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires (2019).

Positions

Teaching Assistant, Departamento de Biodiversidad y Biología Experimental, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Argentina (2013-2015).

Safety Operations Specialist 1 (pharmacovigilance), IQVIA The Human Data Science Company, Argentina (2019).

Research Assistant, The Danish Aquaculture Organisation, Denmark (2020-2021).

Postdoc, Section for Marine Living Resources, DTU Aqua, Technical University of Denmark (2021-present).

Research area

Research interests involve aquatic animals reproduction and broodstock management in aquaculture. Expertise includes the use of imaging and geometric morphometric tools for the assessment of morphological traits for the prediction of reproductive potential in relation to broodstock selection and research focuses on factors that influence reproductive performance and offspring quality, including broodstock nutrition and ecophysiology.

Web of Science publications: 15. **Citations:** 72. **h-index:** 5. **Reports:** 1.

International conferences, 2016-present: Contributions as first author: 7.

Teaching: Course co-responsible in “Applied molecular techniques” (DTU 25108). Guest lecturer in “Geometric morphometrics” (Universidad Nacional de La Plata), and “Data quality in museum collections” (Museo Argentino de Ciencias Naturales Bernardino Rivadavia). Teaching assistant in “Embryology” (256 hs course, FCEN, UBA), “Vertebrates” (224 hs course, FCEN, UBA), “General zoology” (256 hs course, FCEN, UBA), and “Invertebrates II” (224 hs course, FCEN, UBA).

Evaluation tasks, 2016-present

Reviewer for the scientific journals Animal Biology and Science of the Total Environment.

Innovation activities, 2016-present

Collaboration with the Danish aquaculture sector in the ITS-EEL project aiming at establishing a European eel hatchery to provide the industry with glass eels in a sustainable manner.

Collaboration with other stakeholders, 2016-present

Employment by The Danish Aquaculture Organisation and STMI Aqua Systems (partners in the ITS-EEL) prior to the present postdoc at DTU Aqua. Collaboration with Sparos (www.sparos.pt) and Royal Danish Fish (royaldanishfish.com) on eel broodstock rearing on experimental diets.

Grants (competitive), ongoing or finished in 2016 or later

Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET): Doctoral Fellowship.

Selected publications

Sganga D.E., F.T. Dahlke, S.R. Sørensen, I.A.E. Butts, J. Tomkiewicz, D. Mazurais, A. Servili, F. Bertolini & S.N. Politis. CO₂ induced seawater acidification impacts survival and development of European eel embryos. PLOS ONE. DOI: 10.1371/journal.pone.0267228

- Koumpiadis P., **D.E. Sganga**, S.N. Politis, V. Gallego, I.A.E. Butts, J.F. Asturiano, I.E. Batjakas & J. Tomkiewicz. 2021. Sperm production and quality in European eel (*Anguilla anguilla*) in relation to hormonal treatment. *Reproduction in Domestic Animals*. DOI: 10.1111/rda.14011
- Sganga D.E.** & L.S. López Greco. 2020. Effect of commercial diets on female reproductive performance and offspring quality in the red cherry shrimp *Neocaridina davidi* (Caridea, Atyidae). *Aquaculture Research*. DOI: 10.1111/are.14841
- Tomas A.L., **D.E. Sganga**, A. Marciano & L.S. López Greco. 2020. Effect of diets on carotenoid content, body coloration, biochemical composition and spermatophore quality in the “red cherry” shrimp *Neocaridina davidi* (Caridea, Atyidae). *Aquaculture Nutrition*. DOI: 10.1111/anu.13076
- Dorelle L.S., R.H. Da Cuña, **D.E. Sganga**, G. Rey Vázquez, L.S. López Greco & F. Lo Nostro. 2019. Fluoxetine exposure disrupts food intake and energy storage in the cichlid fish *Cichlasoma dimerus* (Teleostei, Cichliformes). *Chemosphere*. DOI: 10.1016/j.chemosphere.2019.124609