

Davide Di Blasi



Born in Genoa (Italy) on 26/11/1983

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Current Position: Post Doc.

Supervisor: Paolo Guidetti

Appointed on project: Comunità ittiche costiere-Direttiva Quadro sulla Strategia Marina-EU

Affiliation:

Section IME, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
University of Genoa	Master (Laurea)	2008-2012	Marine Environmental Sciences
OLPA (Osservatorio Ligure per la Pesca e l'Ambiente)	Internship	2012	Fishery and Conservation
RSTA srl (Ricerca e Sviluppo di Tecnologie Adeguate)	Collaboration	2012-2013	Fishery and Conservation
DAFNE srl (Divulgazione Ambientale e Formazione Naturalistico-Ecologica)	Project Contract	2013	Ichthyology
University of Genoa	Project Contract	2014	Fish contamination
ISMAR (Institute of Marine Sciences) – CNR	Research Scholarship	2015-2017	Fishery and Conservation
ISMAR (Institute of Marine Sciences) – CNR	Research Scholarship	2017-2019	Maritime Spatial Planning
University of Genoa	Ph.D.	2018-2021	Fish Ecology and Life Cycle

IAS (Institute for the study of Anthropic impacts and Sustainability in marine environment) – CNR	Research Grant	2020-2021	Fish Ecology
GMC (Genova Marine Centre) – Stazione Zoologica Anton Dohrn (SZN)	Research Grant	2021-2022	Fish Monitoring and Conservation

Appointments and awards

2016 and 2019: Participation as International Scientist to the First and the Second Winter Survey in the Southern Ocean for the study of Antarctic toothfish reproductive features

2018 – 2019: Winner of the CCAMLR Scientific Scholarship for Early Career Researchers

2018 and 2021: Participation to the XXXIII and the XXXVII Italian Antarctic Expeditions

2021: Participation to the Arctic survey onboard of Italian R/V Laura Bassi

Other matters relevant to scientific career

Member of the Italian Delegation at the CCAMLR Working Groups Ecosystem Monitoring and Management (2018 and 2019) and Fish Stock Assessment (2018)

Publications

Author of 15 publications on ISI-journals

List of publications of the last 10 years:

Journal Papers

Parker S, Sundby S, Stevens D, Di Blasi D, Schiaparelli S, Ghigliotti L. (2021). Buoyancy of post-fertilized *Dissostichus mawsoni* eggs and implications for early life history. *Fish Oceanogr* 00: 1-10. doi: 10.1111/fog.12552

Carlig E, Christiansen JS, Di Blasi D, Ferrando S, Pisano E, Vacchi M, O’Driscoll R, Ghigliotti L. (2021). Midtrophic fish feeding modes at the poles: an ecomorphological comparison of polar cod (*Boreogadus saida*) and Antarctic silverfish (*Pleuragramma antarctica*). *Polar Biol* 44(8): 1629-1642. doi:10.1007/s00300-021-02900-w

Di Blasi D, Canese S, Carlig E, Parker SJ, Pisano E, Vacchi M, Ghigliotti L. (2021). The challenge to observe Antarctic toothfish (*Dissostichus mawsoni*) under fast ice. *J Mar Sci Eng* 9(3): 255. doi: 10.3390/jmse9030255

Ghigliotti L, Christiansen JS, Carlig E, Di Blasi D, Pisano E (2020). Latitudinal cline in chromosome numbers of ice cod *A. glacialis* (Gadidae) from northeast Greenland. *Genes-Basel* 11(12): 1515. doi: 10.3390/genes11121515

Aicardi S, Amaroli A, Gallus L, Di Blasi D, Ghigliotti L, Betti F, Vacchi M, Ferrando S. (2020). Quantification of neurons in the olfactory bulb of the catsharks *Scyliorhinus canicula* (Linnaeus, 1758) and *Galeus melastomus* (Rafinesque, 1820). *Zoology* 141: 125796. doi: 10.1016/j.zool.2020.125796

Carlig E, Di Blasi D, Ghigliotti L, Pisano E, Koubbi P, Vacchi M. (2019). Diversified feeding strategies of *Pleuragramma antarctica* (Nototheniidae) in the Southern Ocean. *Polar Biol* 42(11): 2045-2054. doi: 10.1007/s00300-019-02579-0

- Parker SJ, Stevens DW, Ghigliotti L, La Mesa M, Di Blasi D, Vacchi M. (2019). Winter spawning of Antarctic toothfish *Dissostichus mawsoni* in the Ross Sea region. *Antarct Sci* 31(5): 243-253. doi: 10.1017/S0954102019000282
- Ferrando S, Amaroli A, Gallus L, Di Blasi D, Carlig E, Rottigni M, Vacchi M, Parker SJ, Ghigliotti L. (2019). Olfaction in the Antarctic toothfish *Dissostichus mawsoni*: clues from the morphology and histology of the olfactory rosette and bulb. *Polar Biol* 42(6): 1081-1091. doi: 10.1007/s00300-019-02496-2
- Ferrando S, Amaroli A, Gallus L, Aicardi S, Di Blasi D, Vacchi M, Ghigliotti L. (2019). The olfactory organ of *Torpedo marmorata* Risso, 1810: morphology, histology, and nos-like immunoreactivity. *B Environ Life Sci*, 1(1).
- Ferrando S, Amaroli A, Gallus L, Aicardi S, Di Blasi D, Christiansen JS, Vacchi M, Ghigliotti L. (2019). Secondary folds contribute significantly to the total surface area in the olfactory organ of Chondrichthyes. *Fronti Physiol* 10: 245. doi: 10.3389/fphys.2019.00245
- Di Blasi D, Carlig E, Ferrando S, Ghigliotti L, Psomadakis PN, Vacchi M. (2018). A new record and biological evidences supporting the establishment of *Beryx splendens* (Teleostei: Berycidae) in the western Mediterranean basin. *Acta Ichthyol Piscat* 48(2): 183-188, doi: 10.3750/AIEP/2340
- Carlig E, Di Blasi D, Ghigliotti L, Pisano E, Faimali M, Vacchi M. (2018). Diversification of feeding structures in three Antarctic nototheniid fish species. *Polar Biol* 41(9): 1707-1715. doi: 10.1007/s00300-018-2310-9
- Ghigliotti L, Ferrando S., Di Blasi D, Carlig E, Gallus L, Stevens D, Vacchi M, Parker S. (2018). Surface egg structure and early embryonic development of the Antarctic toothfish, *Dissostichus mawsoni* Norman 1937. *Polar Biol* 41(9): 1717-1724. doi: 10.1007/s00300-018-2311-8
- Di Blasi D, Carlig E, Castellano L, Ghigliotti L, Meconi S, Pisano E, Pitzianti G, Vacchi M. (2017). Validazione di una scala per la valutazione della sopravvivenza post-cattura degli elasmobranchi (*Validation of a scale for the assessment of the post-capture survival of the elasmobranchs*). *Biologia Marina Mediterranea* 24(1): 178-179.
- Ferrando S, Gallus L, Amaroli A, Gambardella C, Waryani B, Di Blasi D, Vacchi M. (2017). Gross anatomy and histology of the olfactory rosette of the shark *Heptranchias perlo*. *Zoology*. doi: 10.1016/j.zool.2017.02.003
- Ghigliotti L, Ferrando S, Carlig E, Di Blasi D, Gallus L, Pisano E, Hanchet S, Vacchi M. (2017). Reproductive features of the Antarctic silverfish (*Pleuragramma antarctica*) from the Western Ross Sea. *Polar Biol* 40(1): 199-211. doi: 10.1007/s00300-016-1945-7