

# Emanuele Astoricchio

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**Date of Birth:** January 12<sup>th</sup>, 1994, | **Nationality:** Italian

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## Profile

Post-Doc fellow specialized in marine and molecular biology. Experience in bioinformatic, wet lab and field activities.

## Education

- **Ph.D. in Biology**  
*The Open University, UK and Stazione Zoologica “Anton Dohrn” (2021- 2024)*
  - **Master degree in Marine Biology and Ecology**  
*University of Salento, Italy (2016–2018)*
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## Research Experience

- **PostDoc Fellow in Terzibasi and Cellerino Lab**  
*Scuola Normale Superiore (SNS), Pisa, Italy and Stazione Zoologica “Anton Dohrn” (July 2024–Present)*
  - **Research assistant in Verri-Pagliara Lab**  
*Università del Salento, Lecce (Italy) (November 2023 – April 2024)*
  - **PhD researcher in Ferraro Lab**  
*The Open University, Milton Keynes, UK and Stazione Zoologica “Anton Dohrn” (2020–2024)*
  - **Researcher assistant in Oliveri Lab**  
*University College of Londron (UCL), London, UK (October 2019 – September 2020)*
  - **Researcher assistant in Pastore Lab**  
*King’s College (KCL), London, UK (May 2019 – September 2019)*
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## Publications

1. Chiavacci, E., Steffensen, K. F., Delaroche, P., Astoricchio, E., Poulsen, A. B., Brayson, D., ... & Cellerino, A. (2025). Resilience to cardiac aging in Greenland shark *Somniosus microcephalus*. *bioRxiv*, 2025-12.
2. Bagnoli, S., Drago, D. L., Astoricchio, E., Chiavacci, E., Fronte, B., Cellerino, A., & Terzibasi Tozzini, E. (2025). Comparative Analysis of Localization and Composition of Adult Neurogenic Niches in the Chondrichthyans *Raja asterias* and *Torpedo ocellata*. *International Journal of Molecular Sciences*, 26(8), 3563.
3. Benvenuto, G., Leone, S., Astoricchio, E., Bormke, S., Jasek, S., D’aniello, E., ... &

Ferraro, F. (2024). Evolution of the ribbon-like organization of the Golgi apparatus in animal cells. *Cell reports*, 43(3).

4. Astoricchio, E., Alfano, C., Rajendran, L., Temussi, P. A., & Pastore, A. (2020). The wide world of coacervates: from the sea to neurodegeneration. *Trends in biochemical sciences*, 45(8), 706-717.

### **Teaching assistant**

- “*The Nervous system of marine organisms: an invertebrate perspective*” seminar for Ph.D. student of *Scuola Normale Superiore (SNS)* (April 2025)
- “*FGF signalling during development and regeneration and its evolution. Golgin ribbon assembly and its hypothetical function during Paracentrotus lividus embryogenesis*” seminar for Master’s student in Developmental Biology of University of Salento (November 2023)

### **Grants**

- “Regeneration at single cell resolution ” European Union’s Horizon 2020 research and innovation program, Grant Agreement No. 730984 – London – 17/06/2020
- European Solidarity Corps Grant winner – Lecce – 10/05/2025