

Curriculum vitae

Héctor Escrivà García

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Place and date of birth: VALENCIA (Spain), January 17, 1968

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Familial Status: Single, 2 children

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Hector Escriva is a research director at the CNRS (DR1), director of UMR7232, BIOM at the Observatoire Océanologique de Banyuls sur Mer and PI of the "Evolution and Development of Chordates" team in the same UMR. His research domains concern the evolution of chordates, using the cephalochordate amphioxus as a model system. During the last years his team has developed the European amphioxus model both at the level of the animal facility (husbandry, spawning induction, etc) but also as an animal model for EvoDevo (developmental biology techniques, reference transcriptome, complete genome sequence, ontology etc...). H. Escriva's laboratory has contributed to 117 publications (H index = 44) and his laboratory is considered as pivotal in the evolution of chordates field since laboratories from all around the world take advantage of the animal facilities, technical development and knowledge on amphioxus research of his lab. Moreover, H. Escriva has coordinated the international consortium for the *B. lanceolatum* genome project at Genoscope, which has generated a high quality assembled and annotated genome as well as different epigenomic techniques. H. Escriva's team has participated to several European projects as the central laboratory for the amphioxus model. This projects were EMBRC, CORBEL and ASSEMBLE+ in which he coordinated a complete workpackage (JRA3) which goal was developing the CRISPR-Cas9 system in different marine organisms including amphioxus.

Funding:

- ANR-05-NT_NV_49, 2006-2008 15 K€ (**Coordinator**)
- CASCADE 2007-2008, European project, 33 K€ (Collaborator)
- Crédits d'intervention CNRS, 2007-2008 (40 K€ + 15 K€) (**Coordinator**)
- PAI Chine, 2007-2008 (7 K€ /year), (**Coordinator**)
- PEPS, 2009, 15 K€, (**Coordinator**)
- EVOLONGATION, ANR-2010-BLAN-1716 01, 2011-2013, 200 K€ (**Coordinator**)
- AMPHINR, ANR-2010-BLAN-1234 02, 2011-2013 (Collaborator)
- Projet n° 8 GENOSCOPE, *B. lanceolatum* complete genome sequence (**Coordinator**)
- ECOS SUD, Chili (2010-2012) (**Coordinator**)

- Appel a projets CNRS-Université d'Oxford, "Expanding cephalochordate genomics" (2013) (Collaborator)
- EXOMOD 2014, 17 K€, (**Coordinator**)
- EXOMOD 2015, 20 K€, (**Coordinator**)
- CHORELAND, ANR-16-CE12-0008-01, 2017-2020, 260 K€ (**Coordinator**)
- ECOS SUD, Chili (2016-2018) (**Coordinator**)
- CORBEL - Coordinated Research Infrastructures Building Enduring Life-science Services (2016-2020), (Collaborator)
- VentralPNS, ANR-17-CE13-0027-02, 2018-2021, 200 K€ (Collaborator)
- ASSEMBLE+, WP9 - JRA3 Functional Genomics, 180 K€ (**Coordinator**)
- NEUCECHO, ANR-19-CE13-0011, 2020-2023, 300 K€ (**Coordinator**)
- MESOLAMPHIX, ANR-21-CE13-0034, 2022-2026, 180 K€ (Collaborator)
- COMUNE, ANR-24-CE13-2279-01, 2025-2028, 315 K€ (**Coordinator**)
- INTERNATIONAL CALL "MARINE BIOLOGY", 2025-2026, 20 K€ (Coordinator)
- Programme PHC FASIC ATELIER 2025 de Campus France, projet N°53602UL, 8000 € (Coordinator)

Awards:

- Prime d'Encadrement Doctoral et Recherche (2013).
- Prime d'Encadrement Doctoral et Recherche (2020).

Recent publications of H. Escriva: (117 publications, h index 44)

- Bertrand, S. et al **Mol. Biol. Evol.** 2014; 31(2):310-8
- Rafael D. Acemel, et al. **Nat Gen.** 2016, 48: 336–341
- Yann Le Petillon, et al **Nat Ecol Evol**, 2017, 1(8):1192-1200.
- Ferdinand Marletaz, et al **Nature**, 2018, 564(7734):64-70
- Aldea, D., et al **Nature Ecology & Evolution**, 2019, 3(8):1233-1240
- Lucie Subirana, et al **PLoS ONE**, 2020, 15(3): e0229119.
- de Mendoza A, et al. **Nature Ecology & Evolution**. 2021;5(3):369-78.
- Bertrand, S., et al **Frontiers in Cell and Developmental Biology**. 2021;9(992).
- Caccavale F, et al. **eLife**. 2021;10:e58295.
- Gil-Gálvez A, et al. **Proc Natl Acad Sci U S A**. 2022;119(11):e2114802119.
- Leon A, et al. **Mol Biol Evol**. 2022; 39(4):msac055.
- Meister L, et al. **Development**. 2022;149(10):dev200252.
- D'Aniello S, et al. **eLife**. 2023;12:e87028.
- Benvenuto G, et al. **Cell Reports**. 2024;113791.
- Mantica F, et al. **Nat Ecol Evol**. 2024;8(6):1140-53.
- Grau-Bové X, et al. **Nat Commun**. 2024;15(1):4550.
- Corominas M, et al. **NAR Genomics and Bioinformatics**. 2024;6(3):lqae075.