🔬 **PhD Position: Evolutionary Sensory Neurobiology of Plankton**

📍 **Location:** LBDV/IMEV (Plankton Senses Team)
📅 **Start Date:** March 1, 2027 (or earlier)

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🌊 **About the Role**
Join our **Plankton Senses Team** as a **PhD student** to unravel the evolution of **pressure sensation in Zooplankton**! You'll work with marine larvae (*Platynereis* and *Ciona*) to explore the **molecular, cellular, and neuronal mechanisms** behind this fascinating sensory system.

Using **cutting-edge techniques** like calcium imaging, optogenetics, genome editing, and behavioral phenotyping, you'll dive deep into **experimental neurobiology, genetics, and live microscopy**. This is your chance to **lead research**, collaborate with a dynamic team, and bring insights into the evolution of sensation.

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🔍 **Key Responsibilities**
✔ Investigate pressure sensory systems in *Platynereis* and *Ciona* using neurobiology and genetics
✔ Help maintain *Platynereis* cultures
✔ Analyze and disseminate results through publications and presentations

🧪 **Core Activities**
✔ Calcium imaging, opto/chemogenetics, and gene expression analysis
✔ Behavioral phenotyping and bioinformatic data analysis
✔ Image acquisition, segmentation, and scRNAseq data mining

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🎓 **Requirements**
✅ MSc (or near completion) in a relevant field (e.g., neurobiology, genetics, marine biology)
✅ Hands-on experience in **light/electron microscopy, genetics, and molecular biology**
✅ Basic to intermediate skills in **programming, image analysis, and electronics**
✅ Fluent in **English (B2+)**
✅ Bonus: Experience in **neurobiology of marine systems or genetic models**

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🌟 **Why Join Us?**
🔹 Full immersion in a **collaborative, innovative team**
🔹 Access to **state-of-the-art facilities** and regular mentorship
🔹 Present your work at **international conferences** and team events
🔹 Engage in **seminars, retreats, and social activities**

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**Contact me (luis.bezares@imev-mer.fr) for further inquiries** or share this with someone who might be interested.