INSTITUTE OF OCEANOLOGY
POLISH ACADEMY OF SCIENCES, SOPOT

HR EXCELLENCE IN RESEARCH

Leading unit: Institute of Oceanology Polish Academy of Sciences, Sopot, Poland

Position: Laboratory technician

Requirements:

- MSc or Ph.D. in biology with a specialization in molecular ecology/microbiology/environmental genomics or similar.
- Experience in molecular techniques (DNA extraction, PCR, High-throughput sequencing)
- Experience in high-throughput sequencing data generation and analysis will be an additional advantage
- High motivation for scientific work
- Good English written and verbal communication skills

Tasks description:

1. Processing water and sediment samples: environmental DNA extraction, PCR amplification, and preparing samples for high-throughput sequencing.
2. Assisting with opening and cutting sediment cores.
3. Conducting tests on new products or experimental processes.
4. Using, cleaning, and maintaining various types of laboratory equipment.
5. Ordering and organizing supplies.

Project's description:

Marine biodiversity assessment and prediction across spatial, temporal and human scales.

Marine biodiversity sustains ecosystem services for planetary and human health. Recent surveys of marine ecosystems have unveiled our ignorance of the richness and functioning of marine life, which is changing in the Anthropocene at a faster pace than terrestrial life. BIOcean5D unites major European centers in molecular/cell biology (EMBL), marine biology (EMBRC), and sequencing (Genoscope), together with 26 partners from 11 countries, to build a unique suite of technologies, protocols, and models allowing holistic reexploration of marine biodiversity, from viruses to mammals, from genomes to holobionts, across multiple spatial and temporal scales stretching from pre-industrial to today. A focus is to understand pan-European biodiversity land-to-sea gradients and ecosystem services, including marine exposomes, notably with an expedition (TREC, 2023/24) that will deploy mobile labs, research vessels, including the Tara schooner, and innovative citizen science tools across 21 coastal countries and 35 marine labs from the Mediterranean to Arctic seas. New data will be harmonized with existing data into an open-access data hub, leveraging international infrastructures, and generating transformative, cross-technologies/cross-scales standard

marine biodiversity knowledge at the socio-ecosystem level. Knowledge will inform and constrain (i) new theories and models of marine biodiversity ecological and evolutionary dynamics and drivers at both taxonomic and functional scales, (ii) a portfolio of novel holistic indicators of marine ecosystem health, (iii) innovative methods and protocols for economic and legal valuations of marine biodiversity and services integrating the dynamical and functional complexity of marine life. BIOcean5D will create a unique opportunity to bridge molecular/subcellular biology to organismal biology, theoretical ecology and econometrics, and complex marine systems to social sciences toward the sustainable preservation of our oceans and seas.

Funding scheme: HORIZON-CL6-2021-BIODIV-01 project „Marine biodiversity assessment and prediction across spatial, temporal and human scales"; project ID 101059915

Deadline for submission: 15th March 2023. The results will be announced prior to 31th March 2023.

Applying form: email to janpawlowski@iopan.pl and pawlowska@iopan.pl

Terms & conditions:
1,000 EUR (gross) per month throughout the 24 months (2 years). Start date: April 2023.
Type of employment: full-time or part-time, depending on the preferences of a candidate.

Other information:
To apply, please send an email to Jan Pawlowski (janpawlowski@iopan.pl) and Joanna Pawlowska (pawlowska@iopan.pl) with a short letter of motivation, a detailed CV (including a brief description of research interests, previous employments, and publication list if applicable), and contact details of at least two references (letters of recommendation are optional).
The candidates may be requested additional information or invited to an interview.

Required documents:
1. CV;
2. Copy of the Master's and/or PhD diplomas;
3. Cover letter;
4. Contact information
5. Consent clause*

*Please attach a signed document with the following consent clause:
I hereby consent to have my personal data processed by the Institute of Oceanology Polish Academy of Science pursuant to Article 6 paragraph 1 letter a of the General Data Protection Regulation (GDPR), for the purpose of carrying out a recruitment process for the Post-doc position I also declare that I have read the information on the processing of personal data provided by the Institute in accordance with Article 13 GDPR.
....
(place and date) (signature of the declarant)

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https://old.iopan.pl/praca/INFORMATION_ON_THE_PROCESSING_OF_PERSONAL_DATA.pdf