



Research Group in Molecular Biotechnology

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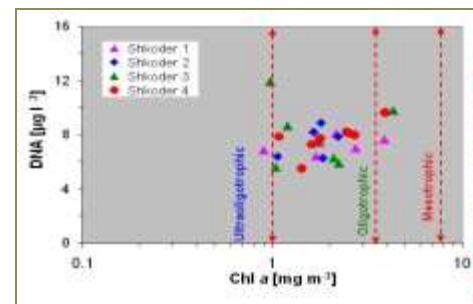
Ariola Bacu, students of MSc, and PhD

Google Scholar

<https://www.ocean4biotech.eu/who-we-are/>

Research Gate

https://www.researchgate.net/profile/Ariola_Bacu



Research lines

Linked to NanoAlb Centre

- Molecular investigation of diversity of picophytoplankton populations related to specific pollutants.
- Development of biosensor/s for the detection of HABs toxins and/or HAB species in water.
- Building of correlations among physical/biological parameters contributing for the quality of waters, chemotaxonomical composition, and trophic state.



Main Methodologies Applied

DNA/RNA/Protein and other specific metabolites
Extraction
Quantity and quality evaluation
Separation
Restriction analysis
Specific PCR amplifications
RT-PCRs
RAPDs
ELISA tests
Quick stick tests