



Biological Material Deposit and Cryopreservation Services

Whether you need to cryopreserve your biological material for the purpose of patent procedure or would simply prefer to do so outside of your existing lab, Bigelow Laboratory for Ocean Sciences in East Boothbay, Maine, possesses a state-of-the-art facility and the dedicated resources to exceed your expectations.

We currently accept a wide range of biological material and have unmatched experience working with phytoplankton and bacteria, both marine and terrestrial. Our cryopreservation and related technical services are housed within our National Center for Marine Algae and Microbiota (NCMA), one of the largest and most diverse collections of phytoplankton in the world.

DEPOSIT FOR PATENT PROCEDURE

The World Intellectual Property Organization has designated Bigelow's NCMA as an International Depository Authority for the purposes of patent procedure under the Budapest Treaty. Deposits may be any algae (including single-celled microalgae and multicellular algae), aquatic and terrestrial protists, bacteria and archaea, and non-differentiated plant cells.

DEPOSIT IN OUR PRIVATE COLLECTION

In addition to patent deposit, Bigelow Laboratory also accepts biological material for deposit into our private collection. Depositors typically choose to cryopreserve their biomaterial in our private collection for offsite storage, risk management plans, and curation of their valuable biological strains. If your biological material is not cryopreserved, Bigelow can either work with you to cryopreserve it or store it in liquid medium on a long-term basis. All deposits are completely confidential and made available only to the depositor.

OTHER RELATED SERVICES

- Technical support in determining and developing protocol for your cryopreservation needs
- Isolation and re-isolation of algal species prior to deposit
- Axenicity testing of cultures using standardized methods
- Algal growth consulting services

Please contact us to learn more:

National Center for Marine Algae and Microbiota
Bigelow Laboratory for Ocean Sciences

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