



Advances in cryopreservation methods for microorganisms and plants

June 21 2016, 9h00-12h00
Museum für Naturkunde, Berlin

Cryopreservation is now considered as the best 'ex situ' preservation approach for microorganisms. However, this is still problematic for some taxonomic groups.

The subject of this workshop will be to provide an overview of recent applications of preservation methods to organisms considered as delicate or difficult to preserve.

Program:

9h00-09h05: Opening session

09h05-09h45: Ex situ cryopreservation of microbial biodiversity
John Day, Culture Collection of Algae and Protozoa, Scottish Association for Marine Science, Scottish Marine Institute, Oban, United Kingdom

09h45-10h00: Cryopreservation of diatoms
Wim Vyverman, Laboratory of Protistology and Aquatic Ecology, Ghent University, Belgium

10h00-10h15: Cryopreservation of cyanobacteria in the BCCM/ULC collection: experimental set-up of protocols
Charlotte Crahay, Centre for Protein Engineering, University of Liège, Liège, Belgium

10h15-10h45: Cryopreservation of microalgae at SAG Culture Collection of Algae: Detection of genetic differences and epigenetics stability using molecular fingerprinting
Maike Lorenz, Experimental Phycology and Culture Collection of Algae (SAG), Georg-August-University Goettingen, Goettingen Germany

10h45-11h00: coffee break

11h00-12h00: round table discussion

Organizing committee:

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Olga Chepurnova and Wim Vyverman, University of Ghent, Belgium



PRES PHOTO

culturecollection
of algae and protozoa



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