



Our vision "BCCM, great at small things"

To be a solution partner for providing services of quality in microbial and genetic resources for academia and industry.

Our mission

The BCCM consortium aims to:

- acquire, preserve and distribute microbial and genetic resources,
- identify and characterise these biological materials,
- offer customer-oriented services,
- increase the understanding of microorganisms and their function in ecosystems,
- foster the application of biological resources.

BCCM strategy

The BCCM consortium joints 7 decentralised biological resource centres with complementary expertise.

BCCM:

- continues to upgrade its service portfolio and scientific expertise,
- develops a powerful data management system,
- runs a multi-site ISO 9001 quality management system,
- fosters (inter)national collaboration, linkage and exchange,
- complies with (inter)national regulations regarding the handling of microbial and genetic resources.

The BCCM consortium consists of seven complementary research-based service culture collections and a Coordination Cell, financed and coordinated by the Belgian Science Policy Office.

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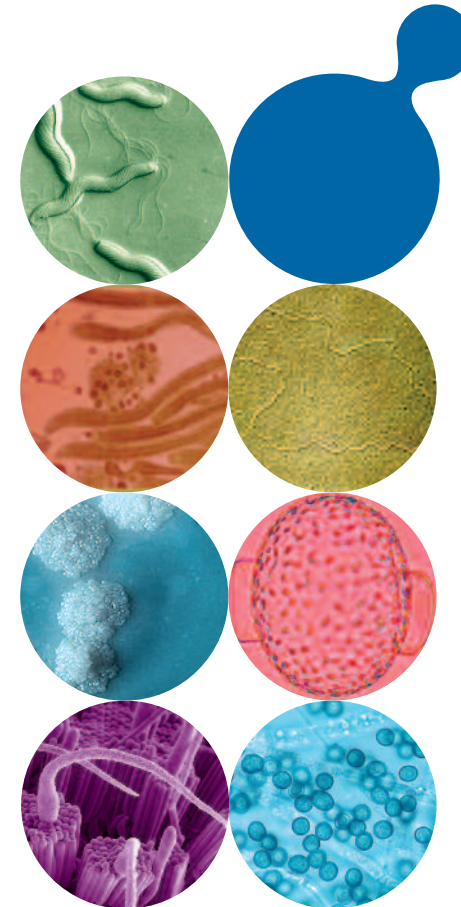
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BELGIAN
 CO-ORDINATED
 COLLECTIONS OF
 MICRO-ORGANISMS

BCCM
 GREAT AT SMALL THINGS

**Aquatic
 resources**

bccm.belspo.be

Looking for biological material?

→ Go and visit the BCCM online catalogue:

<http://bccm.belspo.be>

- Subsets of specific interest: producers of secondary metabolites, additives, aquaculture inoculants, etc.
- Customised subsets for screening at special conditions
- Strain sets for educational purposes at reduced price

Need to preserve isolates or plasmids?

→ BCCM preserves cultures and DNA under quality controlled conditions.

- Free public deposit under a unique accession number
- Restricted access deposits: safe – patent – storage of third party material

Need to know your cultures?

→ Make use of the BCCM characterisation expertise.

- Research: biodiversity – taxonomy – functional properties
- Screenings (e.g. genomic) for properties of interest
- Tailor-made approaches

Looking for training?

→ BCCM provides training for groups or individuals

- On isolation, cultivation and preservation of aquatic isolates
- On identification and classification

Require more specific services?

→ Ask BCCM for consultancy & contract research.



The exploration and use of marine and freshwater microorganisms for a broad range of applications is very promising: novel antibiotics, enzymes, chemical compounds for the pharmaceutical and biotechnological industries, etc.

The **Belgian Coordinated Collections of Microorganisms (BCCM)** preserve thousands of meticulously characterised isolates and reference strains of bacteria, cyanobacteria, fungi and diatoms but also plasmids, from a huge variety of aquatic sources, including the Arctic and the Antarctic.

Working under **quality controlled conditions**, BCCM provides viable organisms or DNA extracts as resources for e.g. bioprospection, screening, biomass production and use in aquaculture. Plasmids are available for manipulation of microorganisms to expand their range of application.

On top of invaluable microbiological resources, BCCM also offers a range of services for microbial analyses. Our specialised staff is ready to help you **find the right service for your specific business or academic needs.**



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BELGIAN CO-ORDINATED COLLECTIONS OF MICRO-ORGANISMS

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