



European Consortium of Microbial Resource Centres



TOP

**Training and Outreach Programme
Transnational Access Grants**





Training and Outreach Programme (TOP)

- An opportunity for scientists to **stay at one of 12 EMbaRC laboratories** and benefit from expert advice and advanced equipment
- **15 different training options** in collection management, identification of bacteria and fungi by state-of-the-art techniques or phenotypic screening of a collection of strains
- **Grants:** EMbaRC will cover the bench fees, travel and subsistence costs

TOP is organised with the support of the
7th Framework Programme, Research Infrastructures Action

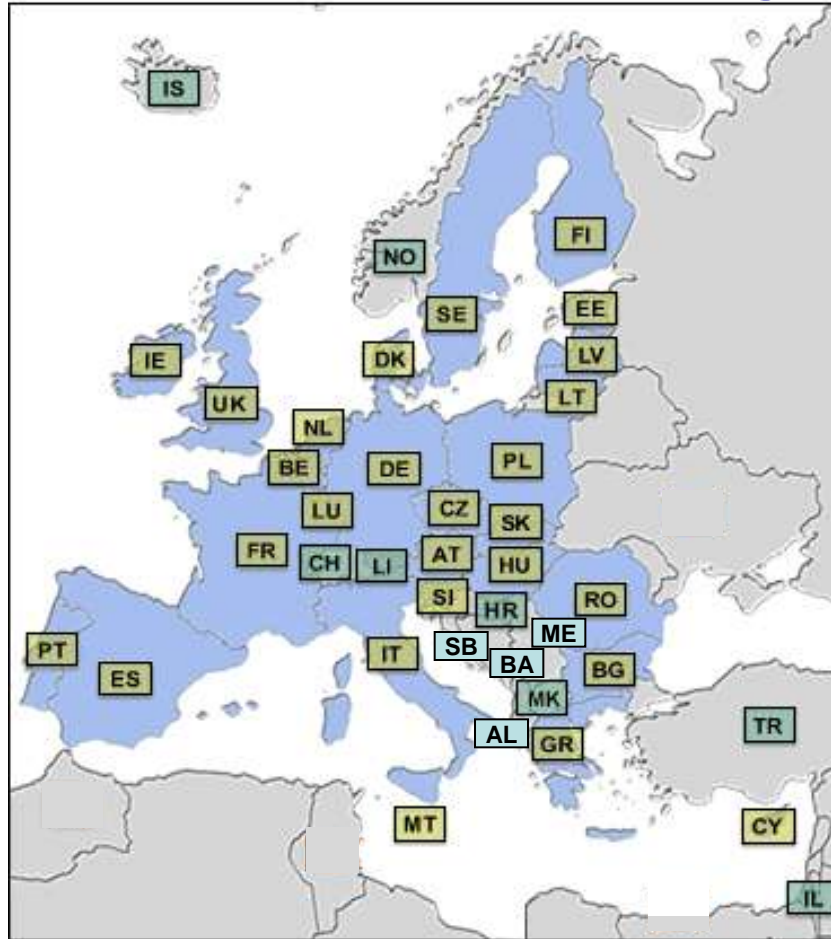




Qualifications required for eligibility

- 1. The user group leader and the majority of the users must work in an institution established in a Member State (the EU-27) or an Associated State to FP7.**
- 2. The user group leader and the majority of the users must work in a country other than the EMbaRC host institution.**
- 3. The user or the user group leader shall hold a bachelor's degree or have a relevant research experience (minimum 5 years).**
- 4. Some training schemes require specific skills; check these specificities in the synopsis of each work session listed on the website.**
- 5. Only user groups that are entitled to disseminate the foreground they have generated under EMbaRC project are eligible to benefit from access free of charge to the infrastructure.**

Qualifications required for eligibility

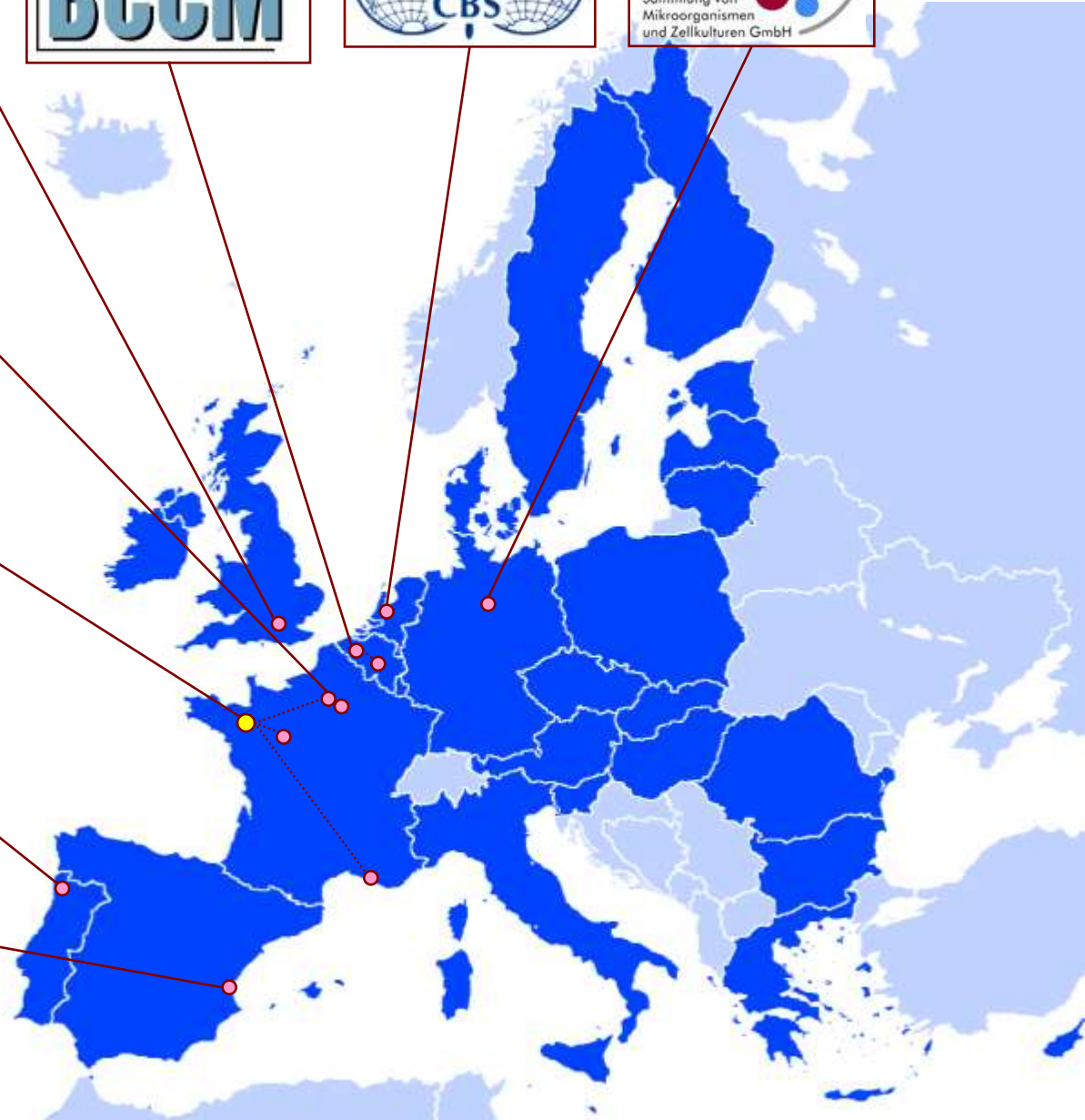


Member states		Associated
Overview Across EU Countries	EU	Croatia HR
		Iceland IS
	Austria AT	Israel IL
	Belgium BE	Liechtenstein LI
	Bulgaria BG	FYROM MK
	Cyprus CY	Norway NO
	Czech Republic CZ	Switzerland CH
	Denmark DK	Serbia SB
	Estonia EE	Montenegro ME
	Finland FI	Bosnia & Herzegovina BA
	France FR	Albania AL
	Germany DE	
	Greece GR	
	Hungary HU	
	Ireland IE	
	Italy IT	
	Latvia LV	
	Lithuania LT	
	Luxembourg LU	
	Malta MT	
	Netherlands NL	
	Poland PL	
	Portugal PT	
	Romania RO	
	Slovakia SK	
	Slovenia SI	
	Spain ES	
	Sweden SE	
	United Kingdom UK	

TOP is accessible to people working in one of the countries listed here

12 EMbaRC laboratories

EMbaRC





TOP - List of opportunities

Culture Collection management

- Management of microbial strains in *ex situ* collections (CRBIP), France
- Preservation and storage of micro-organisms (CABI Bioservices), United Kingdom
- Preservation, collection management, databasing, identification (CBS), Netherlands
- Theoretical, practical and regulatory aspects of a plasmid collection management (BCCM/LMBP), Belgium
- Operation of a bacterial collection & preservation of samples through freeze-drying (BCCM/LMG1), Belgium
- Fungal identification, preservation techniques and collection management (MUM), Portugal



TOP - List of opportunities

General and Applied microbiology - Taxonomy

- State of the art techniques in Bacteriology (DSMZ), Germany
- Taxonomy, identification and preservation of prokaryotes, filamentous fungi and yeasts (CECT), Spain
- Taxonomy of pathogenic bacteria relevant in food safety (CIRM-BP22), France
- Taxonomy, identification and typing of prokaryotes (BCCM/LMG2), Belgium
- Strain identification on pathogenic bacteria (CIRM-BP1), France
- High Throughput Screening of food bacteria (CIRM-BIA), France
- High Throughput Screening of filamentous fungi (CIRM-CF), France
- Initiation to handling of microorganisms of group 3 (CIRM-BP21), France
- In vitro Culture of Arbuscular Mycorrhizal Fungi (BCCM/MUCL), Belgium

- Taxonomy, identification and preservation of prokaryotes, filamentous fungi and yeasts



- Fungal identification, preservation techniques and collection management



- High Throughput Screening of food bacteria
- Strain identification on pathogenic bacteria
- Initiation to handling of microorganisms of group 3
- Taxonomy of pathogenic bacteria relevant in food safety
- High Throughput Screening of filamentous fungi



EMBARC

CRBIP



Institut Pasteur

- Management of microbial strains in *ex situ* collections

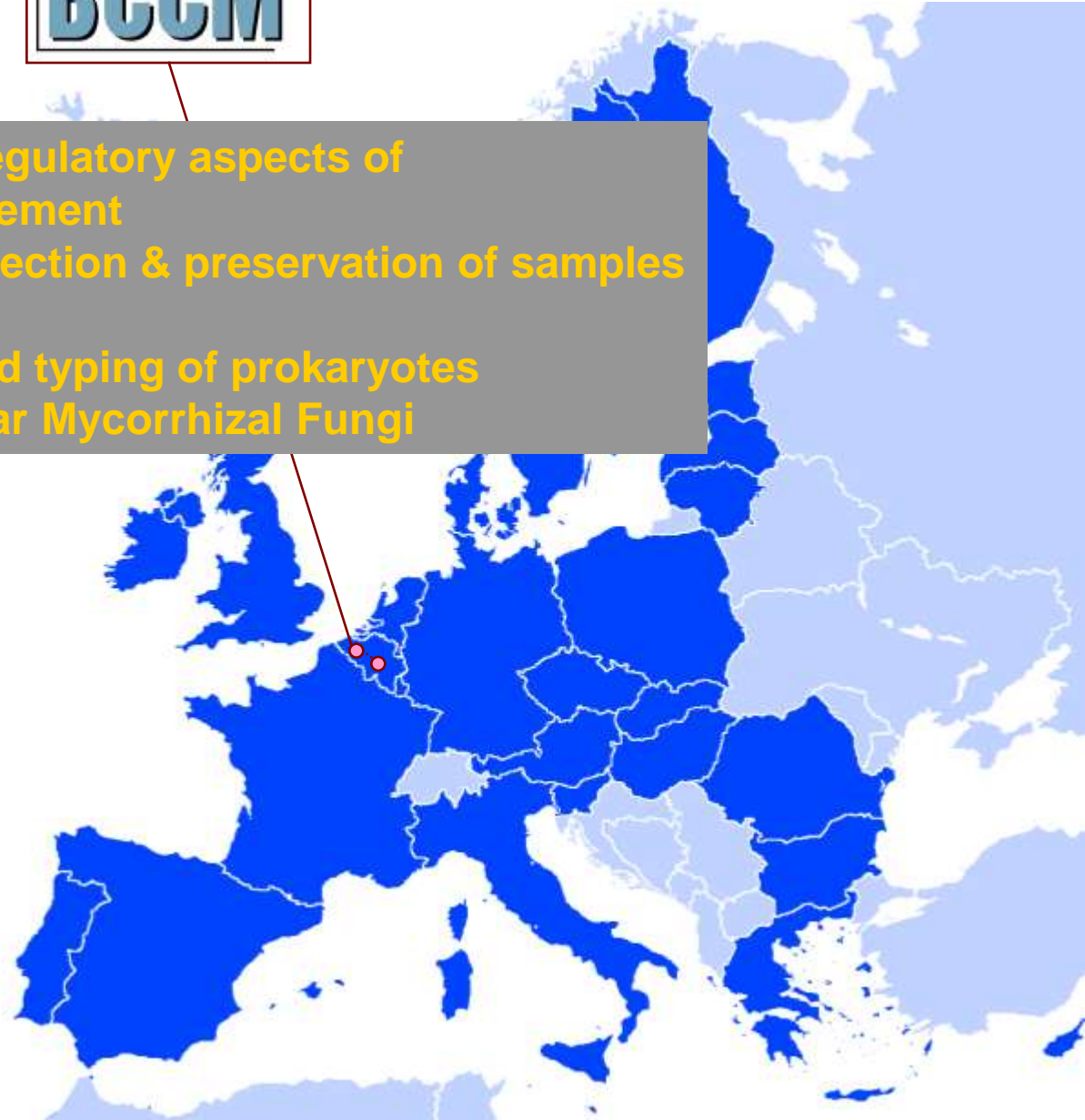


Preservation and storage of micro-organisms





- Theoretical, practical and regulatory aspects of a plasmid collection management
- Operation of a bacterial collection & preservation of samples through freeze-drying
- Taxonomy, identification and typing of prokaryotes
- In vitro Culture of Arbuscular Mycorrhizal Fungi





- Preservation, collection management, databasing, identification



- State of the art techniques in Bacteriology

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All necessary information

[Access Grants](#)

EU-funded opportunities
for study visits and training
at partner collections

Preserving authentic
materials for the future

EMbaRC brings together key microbial resource centres in Europe to improve, coordinate and validate microbial resource delivery to European and International researchers from both public and private sectors.

The conservation and utilisation of microorganisms aim to help deliver a knowledge-based bioeconomy



(c)CABI

Members Area

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Looking forward to work with you