



European Consortium of Microbial Resource Centres

TOP

Training and Outreach Programme

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Belgian Coordinated Collections of Micro-organisms



2-tiered Training and Outreach Programme

- **Transnational Access Grants**

Building on existing research activities and training possibilities to offer access to EMbaRC laboratories organised

- **Knowledge based training network**

Expand the offer of training and continuing professional schemes for those working within microbial resources centres. Setting up new modules of seminars, workshops, training courses and developing learning materials to support the training activities

TOP Transnational Access Grants

- 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

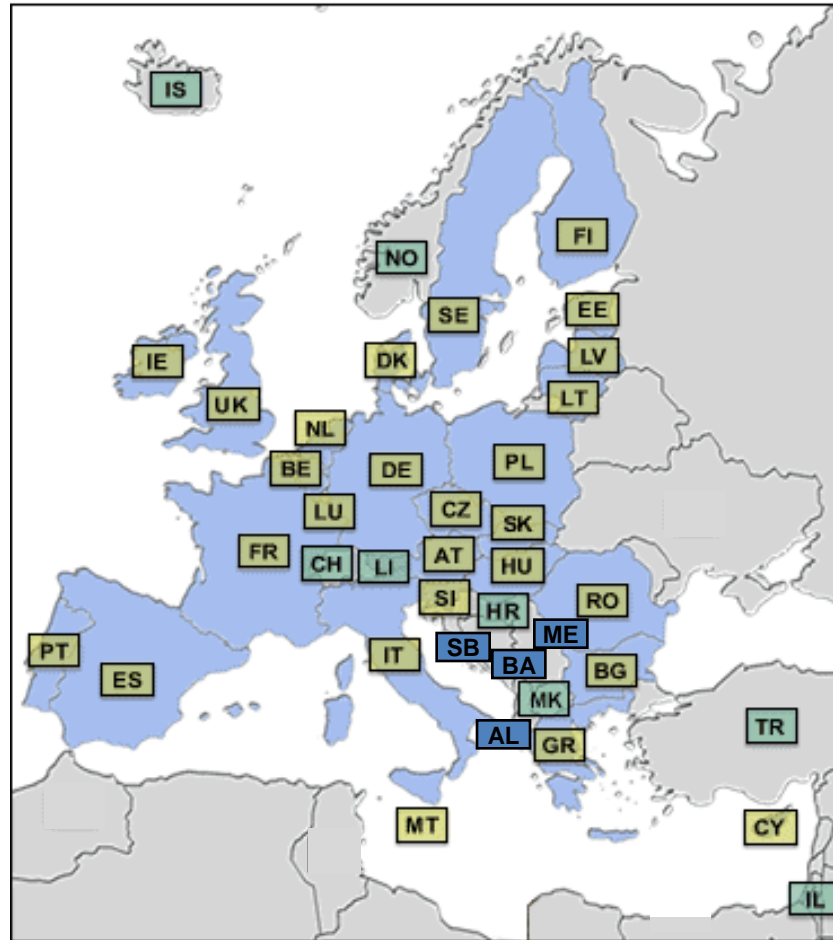
The TOP Transnational Access Grants is organised with the support of the 7th Framework Programme, Research Infrastructures Action



Qualifications required for eligibility to the Transnational Access Grants

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 similar research experience.
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 or collaborating with a laboratory based in one of the countries listed here

12 EMbaRC laboratories



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), The 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



CRBIP

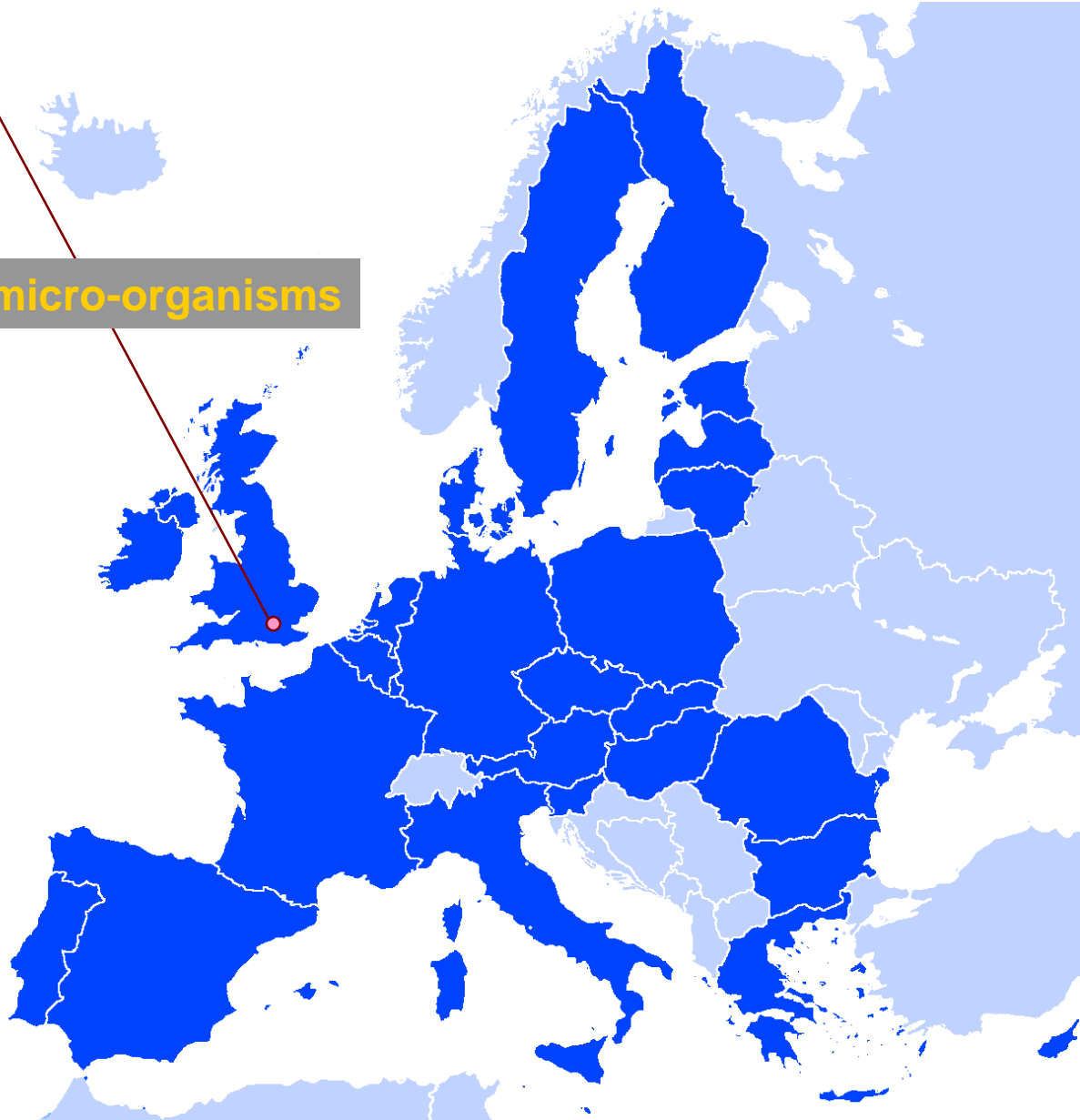


Institut Pasteur

- Management of microbial strains in *ex situ* collections
- Strain identification



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

Visit www.embarc.eu



European Consortium of Microbial Resources Centres

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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



(c)CABI

Members Area

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Contact the Co-ordinator

Knowledge based training network

Purpose of the EMbaRC training development:

Establish a knowledge based training network

to support

**the transfer of knowledge and best practices;
including the capacity to (co-) operate globally**



Knowledge based training network

- Establish an **educational community** to create a knowledge-based training network.
- Implement a **lifelong education** and **continuing professional schemes** for those working within microbial resources centres.
- Establish a programme of seminars, workshops, training courses
- Develop an **E-learning** programme with complementary materials and support / media to support the training activities

Thank you

