

# MICRO BIOTEC 19

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## BOOK OF ABSTRACTS

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Sociedade Portuguesa de Microbiologia

  
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## 17. Biological Resource Centers and Portuguese Network

### **P307. Underpinning CIMO's Culture Collection – bring together in-house repositories of relevant microorganisms into a mBRC**

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Microbial Biological Resource Centers (mBRCs) are quality-managed culture collections that ensure the ex situ preservation of microorganisms, while providing public access to their microbial diversity (i.e. to live strains or to genomic DNA from these strains), to relevant data related to it (e.g. taxonomic identification, culture conditions, ecophysiological features, etc), and also to expertise services such as training or consulting.

The main mission of the Mountain Research Centre (CIMO), at Bragança, is to develop sustainable land systems, improving endogenous research competencies, and linking research and stakeholders in mountain areas. CIMO currently host in-house microbial culture collections relevant for agriculture and food industry. These repositories are comprised by bacterial and fungi strains (> 1500 isolates), mainly obtained from plants and food from NE Portugal.

In this work, we describe procedures to be followed throughout the establishment of the CIMO Culture Collection, while presenting the phylogenetic diversity of bacteria and fungi strains already characterized and to be included in the future mBRC.