

# **GCM 2.0 type strain sequencing training course**

WFCC-MIRCEN World Data Center for Microorganisms  
(WDCM)

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Nov 21- Nov 30, 2017

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## **Personal introduction**

**Mery Piña has a PhD in Microbiology from the University of Paris VI and a master degree in Alternative Models and Innovation from HEC Business School. Mery holds a permanent position as Innovation and Scientific liaison officer at the Biological Resource Center of the [Pasteur Institute](#), [CRBIP](#), where she promotes the valorization of the viral and bacterial collection of the Institute by fostering the interaction with the bioindustry and contributing to the management and branding of the CRBIP. She represents the CRBIP in the consolidation of an ERIC of the Microbial Research Infrastructure, [MIRRI](#), and collaborates with national stakeholders for the implementation of the *Nagoya Protocol* in France exercising the role of secretary of the National Group of Experts in Culture Collections named by the French Ministry of Education.**

*Name of your culture collection:*

*Biological Resource Center of the Pasteur Institute, CRBIP*

## **ABSTRACT**

*The GCM 2.0 type strain sequencing training course was hosted by WFCC-MIRCEN World Data Centre for Microorganisms (WDCM) and organized by Word Federation for Culture Collection (WFCC), The Centre for Microbial Resource and Bio Data, Institute of Microbiology, Chinese Academy of Science (IMCAS) and supported by Bureau of International Co-operation Chinese Academy of Science. Fifteen researchers from several countries including Japan, Mongolia, Hungary, Portugal, Thailand, France, New Zealand, Spain, UK and Taiwan participated in this training course with the objective of presenting the standard procedures for participants of the GCM2.0 type strain genome-sequencing project, like sample preparation, data annotation and legal issues for the cooperation. I am grateful to the WDCM for the invitation and for such an interesting conference. I look forward for future collaboration in issues related to bacterial and viral genome analysis, besides the Nagoya Protocol implementation.*

**Key words: bacteria, eukaryotic viruses, genome analysis, international collaboration, Nagoya Protocol-related issues.**

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## 1. Brief introduction of your Culture Collection.

The CRBIP, *Centre de Ressources Biologiques de l'Institut Pasteur*, is a structure created in 2002 to:

- a) Harmonize the management of Pasteur's culture collections under high-standards of quality control;
- b) Ensure the distribution of genetic material under strict rules of security, in respect of the user's health and the environment;
- c) Give visibility to all Pasteurian culture collections by piloting different national and European projects.

Since its creation, the CRBIP encompasses the following collections:

- CIP, Collection of the Pasteur Institute (holding only bacteria);
- PCC, Pasteur Collection of Cyanobacteria;
- ICAReB, Investigational Clinical service and Access to Research Bio-resources;
- CRBIP's viral culture collection (eukaryotic virus collection, closed since 2004).

Shortly after its creation, it became evident that another role of the CRBIP could be to preserve and make available the culture collections of closing units and CNRs of the Pasteur Institute. At the moment, the CRBIP hosts the culture collections of the CNRs of *Klebsiella* and *Staphylococcus*, as