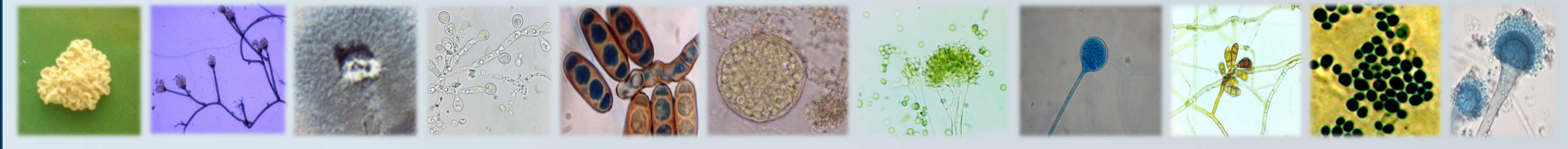






FELACC

**OBJECTIVES** 





## LATIN AMERICAN FEDERATION FOR CULTURE COLLECTIONS: PRESENT AND FUTURE

Vidal Rodríguez-Lemoine<sup>1</sup>, Mirtha Floccari<sup>2</sup>, Silvia Giono Cerezo<sup>3</sup>, Zulia Weng Alemán<sup>4</sup>, Gladys Martos<sup>5</sup>, Lilian Loperana<sup>6</sup>, Maria Mercedes Panizo<sup>7</sup>, Sueli Correa Marques de Mello<sup>8</sup>, Graciela Davel<sup>9</sup>

<sup>1</sup>vrodriguezlemoine@gmail.com (Venezuela), <sup>2</sup>mir@qb.fcen.uba.ar (Argentina), <sup>3</sup>sgiono@yahoo.com (Mexico), <sup>4</sup>weng@infomed.sld.cu (Cuba), <sup>5</sup>martos@cerela.org.ar (Argentina), <sup>6</sup>lilianl@fing.edu.uy (Uruguay), <sup>7</sup>mmpanizo@gmail.com (Venezuela), <sup>8</sup>ismello@cenargen.embrapa.br (Brazil), <sup>9</sup>gdavel@anlis.gov.ar (Argentina)





collections in Latin American and The Caribbean countries.

To provide a framework to encourage regional activities and studies on microbial biology, ex situ preservation of microbial diversity.

To supply services and advices to the scientific community, industry, agriculture, medicine, veterinary, education and environment preservation.

+ To encourage regional research activities between affiliated collections, universities and institutes.



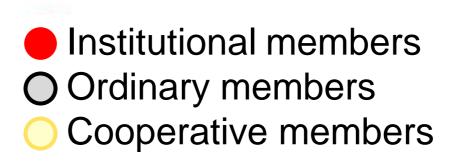
## **48 Culture Collections**

Keeping together over 52.937 cultures representatives of different taxonomic groups of bacteria, fungi, animal viruses, mammalian cell cultures, as well as bacteriophages, plasmids and cloning vectors.

COLLECTIONS	Institutional members	Ordinary members	Cooperative members	Total
Argentina	18	7	1	26
Brazil	6	3	1	10
Colombia	1	5		6
Cuba	10			10
Ecuador	2	1		3
Mexico	5			5
Uruguay	2	1		3
Venezuela	4	3		7
Paraguay		1		1
Total	48	21	2	71

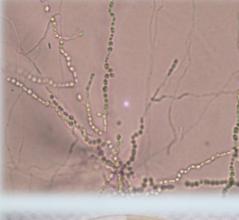


Chile









V SIERGEALC-Montevideo (2005): *Microorganisms genetic resources.* XVIII ALAM-Pucon-Chile (2008). *Latin American Federation of Microbial Culture Collections.*

Different issues...

1

Argentina

Uruguay

Data base and on line catalogues Biosecurity and transport Website, newsletters and training courses Methods for long time conservation Quality control Reference and strains certification



VI CLAM, Mar del Plata (2008). Culture collections and its services in Latin America.
V Seminar on microbial collections. The importance of conservation and collections of microorganisms. Mexico (2009).
VII SIRGEALC Pucon-Chile (2009). Preservation of microbial biodiversity.

Since 2004, a database on cultures preserved in the region is being structured. Update information is available at: <u>www.aam.org.ar</u> and <u>http://www.wfcc.info/network.html</u>

◆ FELACC members participate with other organizations in programs for *ex situ* microbial preservation world wide.

Up to now, the number of culture collections affiliated to FELACC is considered small in relation to the total amount existent in the region, but this organism represents a significant effort in the maintenance of a network between regional institutions, in order to make more efficient the *ex-situ* preservation of microbial diversity

## REFERENCES



Floccari, ME. FELACC: Federación Latinoamericana de Colecciones de Cultivos Microbianos. Agrociencia 2005; 9: 417- 420. Floccari M, Levis S, Sfreddo E, Martos G, Lucero N, Leardini N, Cabral D, Blumenfeld S. Creation of a Culture Collection Federation for Latin America and The Caribbean. WFCC Newsletter 2004; 38: 45 Manfio GP, Canhos VP. Culture collections in South America. In: Culture Collections to Improve the Quality of Life. Samson et al., eds. ISBN 90-70351-33-1. 1996. pp 217- 220. Rodríguez-Lemoine V. Venezuelan Center for Culture Collections (CVCM). A new institution devoted to the preservation of microbial diversity. In: Culture Collections to Improve the Quality of Life. Samson et al., eds. ISBN 90-70351-33-1. 1996. pp 224 – 225.

ACTIVITIES