



WFCC

WORLD FEDERATION FOR CULTURE COLLECTIONS

ICCC-12 Conference 2010

Biological Resource Centers: gateway to biodiversity and services for innovation in biotechnology

Latin American Federation for Culture Collections FELACC Present and future

*Graciela Davel
President of FELACC.
SCCM-AAM Coordinator
Director of Mycology Department. INEI. ANLIS. Dr. C. G. Malbrán*

gdavel@anlis.gov.ar

Efforts in South America



FELACC

*Latin American Federation for
Culture Collections*

*Federación Latinoamericana de
Colecciones de Cultivos*

*Federação Latinoamericana de
coleções de cultura microbianas*

fedlatcc@yahoo.com.ar

*Graciela Davel
President of FELACC. SCCM-AAM Coordinator
Director of Mycology Department. INEI. ANLIS. Dr. C. G. Malbrán*

gdavel@anlis.gov.ar




FELACC is a non-profit academic organization devoted to promote actions for the development of culture collections in Latin America and the Caribbean.



The main objectives are to provide a framework to ensure regional activities on preservation of microorganisms and to supply services and advice to the scientific community, industry, agriculture, medicine, veterinary, education and conservation of natural environment

MEMBERSHIPS



	AFFILIATE COLLECTIONS	48
	ORDINARY MEMBERS	21
	COOPERATIVE MEMBERS	2

71
MEMBERS

MEMBERSHIPS



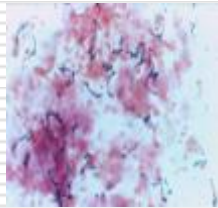
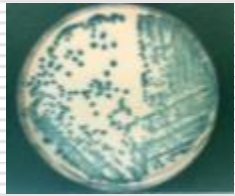
Collections

There are 48 Culture Collections

that keep together over 52,937 cultures representative of different taxonomic groups

COLLECTIONS

Keep cultures representative of different taxonomic groups



BACTERIA



ARCHEAE

ANIMAL VIRUSES

PLASMIDS and CLONING VECTORS

MAMMALIAN CELL CULTURES

BACTERIOPHAGES



COLLECTIONS

Cultures are representative of different regions and habitats

Isolation sources:

- Environment and water
- Foods
- Polluted Environment
- Regional processes (wine, olives)
- Human, Animals and vegetables



Most microorganisms are autochthonous

COLLECTIONS

Distribution

-  **University**
-  **Official organisms**

The collections arose as a result of research projects in universities or official centers, with interest in different areas such as agriculture, health, environment, industry and food

COLLECTIONS

SERVICES

 **Consultancy and advice**

 **Internships**

 **Isolations**

 **Taxonomy**

 **Education and training**

 **Sale**

FELACC

***Latin American Federation for
Culture Collections***

ACTIVITIES

FELACC

ACTIVITIES

Education and training

- 🌱 Methods for long-term conservation
 - 🌱 Quality control
 - 🌱 Reference and strains certification
 - 🌱 Biosecurity and transport
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ACTIVITIES

- ❖ A database on cultures preserved in the region is being structured. Updated information is available at: www.aam.org.ar
<http://www.wfcc.info/network.html>
 - ❖ An electronic Newsletter is sent to FELACC members every four months
 - ❖ FELACC members participate with other organizations in programs for *ex situ* microbial preservation worldwide
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ACTIVITIES

Attendance to congresses and scientific meetings

- V SIERGEALC-Montevideo (2005): Microorganisms genetic resources.
 - XVIII ALAM-Pucón-Chile (2008). Latin American Federation of Microbial Culture Collections.
 - 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. México (2009)
 - VII SIRGEALC Pucón-Chile (2009). Preservation of microbial biodiversity
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Although the number of microorganisms so far represented at FELACC collections may be considered small in relation to that estimated for the region, it represents a significant contribution to the global conservation of microbial diversity in South America and the Caribbean.

**Thank you very much for
your attention!!!**

!!!Muito Obrigada!!!

!!!Muchas Gracias!!!