Korean Center for Culture Collection (KCCC), DPRK

WFCC-WDCM Workshop
Sep 2014
1. General Introduction

- Founded in the year 1967
- Situated in the Unjong District, Pyongyang, D.P.R of Korea
- Current Official Name: Korean Center for Culture Collection (KCCC)
- Affiliated to State Academy of Sciences, DPRK
- Separate building of 1 200 square meters.
- Total staff: 120
2. Structure of KCCC

— Executive board
— the Culture Collection departments
  • Laboratories
    Bacteria, Actinomycetes, Yeasts, Filamentous fungi
  • Staff 30
— Other two Laboratories
  • Probiotics
  • Food additives
  • Environment protection
3. Investigating fields of KCCC

—Collection and preservation of cultures of nonpathogenic microorganisms
—Phenotypic and chemical taxonomy of Bacteria and Fungi
4. Holdings in the Culture Collection

Total 3000 strains

- Bacteria 550
- Actinomycetes 550
- Filamentous Fungi 700
- Yeasts 1100
5. Main methods for preservation of microorganisms

- Lyophilization (Freeze-drying)
- Subculturing
6. Financial supports

- Supported by financing of the State Academy of sciences
- In operation as a national facility under the administrative and financial structure of our Government.
7. Other important activities

— supplies the cultures to academic and research institutes as well as industry.
— furnishing the samples of any deposited microorganisms to any person and organization.
— microbial resource databases are manipulated and maintained and regularly updated.
— some of scientists at the collection center are also active in research programs related to microbial diversity
— provides the services like identification of microorganisms, education, research works.
8. Final words

• The center is not a member of WFCC till now. The culture collection hopes to become a member of WFCC for the purpose of strengthening scientific and technological exchange with the other members of the Federation.
Thank you