

# 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

