

**Minutes of the 9th Meeting of the Asian Consortium for the Conservation
and Sustainable Use of Microbial Resources (ACM)**

Date : 25th-27th October 2012
Meeting Venue : The Holiday Inn Hotel, Chiang Mai
Queen Sirikit Botanical Garden, Chiang Mai

Participants :

- Member :**
1. China
 2. India
 3. Indonesia
 4. Japan
 5. Korea
 6. Malaysia
 7. Mongolia
 8. Thailand (Host country)
 9. The Philippines
 10. Vietnam

- Non-member :**
1. Brunei
 2. Taiwan
 3. Switzerland

- Agenda :**
1. Welcome Remark
 2. Public Scientific Conference
 3. Adoption of 8th ACM Minutes
 4. Taskforce Meeting
 - 4.1 Asian Biological Resources Centre Network (ABRCN) Taskforce
 - 4.2 Human Resource Development (HRD) Taskforce
 - 4.3 Management of Material Transfer of Biological Resource (MMT) Taskforce
 5. General Assembly Meeting
 6. ACM Meeting Reports
 7. Conclusion
 8. Others

Minutes :

1. Welcome Remark

Dr. Kanyawim Kiratikara, BIOTEC Executive Director welcomed all participants to the 9th ACM meeting. The meeting was organized under the collaboration between BIOTEC, the Queen Sirikit Botanical Garden and NITE.

2. Public Scientific Conference

The first day of the 9th ACM meeting was a public scientific conference under the concept of “**Value Added Culture Collection**”. Two keynote speeches and five special lectures were delivered (as in the program attached). There were about 82 participants attending the conference. The participants consisted of ACM members, members of Thailand Network on Culture Collection (TNCC), scientists from R&D institutes, lecturers and policy makers.

3. Adoption of 8th ACM Minutes

Mr. Mohd Zafrul Arif Radhi reported the minutes of the 8th ACM meeting, held on 10th -11th October 2011 at Kuala Lumpur, Malaysia. The minute was approved by the members.

4. Taskforce Meeting

The second day, hosted by the Queen Sirikit Botanical Garden, was arranged for the Taskforce meeting.

Chairperson of each Taskforce summarized their work as follows;

4.1 Taskforce on Asian Biological Resource Center Network (ABRCN)

Dr. Ken –Ichiro Suzuki, chairperson of the ABRCN Taskforce informed that ABRCN working group (Korea, China, Japan and Thailand) has developed tools and systems to support ACM members to share and gain more access to their strain data via ABRCN website. In collaboration with the ACM9 host (BIOTEC, Thailand), some statistics indicating the status of strain preservation and distribution from each collection were collected, summarized and presented in the meeting.

Dr. Juncai Ma, the director of WDCM presented the Global Catalogue of Microorganism (GCM) invited the ACM members to join GCM, and asked for feedback to improve the GCM system. However, several participants discussed their limitations in joining ABRCN and GCM such as the national policy, technical and financial problems in their data management.

Dr. Hiroko Kawasaki proposed to the ABRCN TF to develop a system to support sharing knowledge among the ACM members. The concept was first introduced by BIOTEC and developed in more detail with NITE during the 9th ACM preparation meeting.

4.2 Human Resource Development (HRD) Taskforce

Dr. Rosario G. Monsalud, chairperson of Human Resource Development Taskforce reported that HRD activities were organized in 5 member countries, namely, China, Korea, Japan, Thailand and the Philippines. The activities covered different topics including taxonomy training, preservation and identification techniques as well as the microbial analysis in food and water.

Some HRD activity for 2013 was already announced. The International Training – Workshop on Rapid Identification of Foodborne Pathogens for Food Safety was to be arranged on 11th-13th /or14th February 2013. The training was sponsored by NBRC and SEARCA.

4.3 Management of Material Transfer (MMT) Taskforce

Dr. Katsuhiko Ando ,co-chairperson of the Management of Material Transfer Taskforce, presented the chronology of MMT Taskforce's activities and its achievement. Those tasks were conducted under the leadership of Dr.Tanit Changtavorn, the former MMT Taskforce chairman who resigned from this position as he moved to **Biodiversity-Based Economy Development Office (Public Organization) (BEDO)**, Ministry of Natural Resources and Environment.

The MMT Taskforce then would be chaired by Dr. Ando and Miss Bubpha Techapattaraporn.Dr. Jin Tae Eun from Korea Research Institute of Bioscience and Biotechnology (KRIBB) was also announced as a new member of MMT Taskforce.

At the 8th ACM meeting, MMT Taskforce committed to work on the measures to balance on the practice of BRC and the provisions under Nagoya Protocol. The system titled "Network of International Exchange of Microbes in Asia under ACM" (NIEMA) was developed to assist BRC to comply with the Nagoya Protocol and at the same time to facilitate the exchange and use of microorganisms between culture collections. The system was still at its conceptual framework. More detail or the draft guidelines of NIEMA was under development and expected to be reported during the 10th ACM meeting.

5. General Assembly Meeting

The ACM General Assembly adopted 4 organizations as the new members of ACM.

These were:

1. Japan Collection of Microorganisms (JCM) , Japan
2. Biodiversity-Based Economy Development Office (Public Organization) (BEDO), Thailand
3. Institute of Microbial Technology (IMTECH) Council of Scientific and Industrial Research (CSIR), India
4. University of Santo Tomas, the Philippines.

As a result, ACM consists of 13 member countries with 23 organizations (see Appendix 2)

ACM Administration Rules

Dr.Hiroko Kawasaki presented the conclusion draft on ACM Administrative Rules. The objective of ACM has been the promotion on collaboration among government or public organizations in Asian countries for the purposes of enhancing conservation and sustainable use of microbial resources in Asia. It is essential for BRC/culture collection to facilitate the exchange of and access to biological material. ABRCN is established to assist ACM members to achieve that function. The network will help increasing global exchange of and access to biological materials.

6. ACM Member Report

10 members and 2 non members presented their institutional reports.

7. Host country for the 10th ACM meeting

IMCAS,China proposed to host the 10th ACM meeting at Beijing. It was likely that the 10th meeting would be organized back to back with the ICC-13 Meeting which will be held in Beijing. The certain date will be decided. KNRRC, South Korea also offered to host the 11th ACM meeting as the country is about to organize the 12th meeting on the Conference of the Parties to the CBD.

Appendix 1 :

Program for the 9th Meeting of the Asian Consortium for the Conservation and Sustainable Use of Microbial Resources (ACM) , Chiang Mai, Thailand

Theme: Value Added Culture Collection
Date: 25th-27th October 2012
Venue: Chiang Mai Province
Organizers: National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand
Institute of Technology and Evaluation (NITE), Japan
Queen Sirikit Botanic Garden, Thailand

Day I: 25th October 2012

Public Scientific Conference

Venue: Holiday Inn Hotel, Chiang Mai, Thailand

- 8:30 – 9:00 Registration
- 9:00 – 9:15 Opening Speech by BIOTEC Executive Director
- 9:15 – 10:15 Keynote Speech
by Professor Emeritus Morakot Tanticharoen, Senior Advisor to NSTDA
President, Thailand
- 10:15 – 10:45 Coffee break
- 10:45 – 11:30 Keynote Speech on “Biodiversity for Global Sustainability”
by Professor Itaru Yasui, President of National Institute of Technology and
Evaluation (NITE) ,Japan
- 11:30 – 12:15 Special Lecture on “Global Catalogue”
by Dr. Juncai Ma, Director of World Data Center of Microorganisms
(WDCM), China
- 12:15 – 13:30 Lunch
- 13.30 – 14:15 Special Lecture on “BRC after the Nagoya Protocol” by Prof. Dr. Katsuhiko
Ando, Biological Resource Center, National Institute of Technology and
Evaluation (NITE) ,Japan
- 14:15 – 15:00 Special Lecture on “Natural Products, Microorganism, Drug Discovery and
Culture Collections”
by Dr. Jean-Jacques Sanglier, Heard of Microbiology , Department of
Microbiology Esperanza Medicine Foundation
- 15:00 – 15:30 Coffee break
- 15:30 – 16:15 Special Lecture on “Significance of Microbial Resources for Modern
Chemical Industry”
by Dr.Chaya Chandavasu, Vice President of Science and Innovation , PTT
Global Cremical Public Co.,Ltd.
- 16:15-17:00 Special Lecture on“ Bio-Production strategy Aiming at the Sustainable Use
of Microbial Resources ; with special reference to amino-acid fermentation
using *Corynebacterium glutamicum*”
by Dr. Ryosuke Fudou , Principle Scientist, Frontier Research Labs., Institute
for Innovation, Ajinomoto Co.,Inc.

Day II 26th October 2012

ACM Member Meeting

Venue: Queen Sirikit Botanic Garden, Chiang Mai, Thailand

8:30 Depart from the Holiday Inn Hotel
9:15 Arrive at Queen Sirikit Botanic Garden
9:30-10:15 ABRCN Taskforce Meeting
10:15- 11:00 HRD Taskforce Meeting
11:00-11:45 MMT Taskforce Meeting
11:45-13:00 Lunch
13:00 – 15:00 General Assembly Meeting chaired by NBRC and BIOTEC
15:30 Group Photograph & Tea Reception
16.00 Site Visit at Queen Sirikit Botanic Garden
16:30 Dinner in the Northern Style at Queen Sirikit Botanic Garden
20.00 Arrive at Holiday Inn Hotel

Day III 27th October 2012

ACM Member Report Meeting

Venue: Holiday Inn Hotel, Chiang Mai

8:30 – 10:30 ACM Member Reports
10:30 – 11:00 Coffee Break
11:00 – 13:00 ACM Member Reports
13:00 – 13:30 Announcement of ACM 10 and Closing Ceremony
13:30 Lunch

Appendix 2 :
List of ACM Member

Country		Organization
1. Cambodia	1.	Department of Planning and Legal Affairs, Ministry of Environment
2. China	2.	Institute of Microbiology, Chinese Academy of Sciences
3. India	3.	Institute of Microbial Technology (IMTECH) Council of Scientific and Industrial Research (CSIR)
4. Indonesia	4.	Ministry for Research and Technology
	5.	Microbiology Division, Research Center for Biology, Indonesian Institute of Sciences (LIPI)
	6.	Agency for the Assessment and Application of Technology (BPPT)
5. Japan	7.	National Institute of Technology and Evaluation (NITE)
	8.	Japan Collection of Microorganisms (JCM)
6. Korea	9.	Korean Collection for Type Cultures (KCTC), Korea Research Institute of Bioscience and Biotechnology (KRIBB)
	10.	Korean Agricultural Culture Collection (KACC), National Institute of Agricultural Biotechnology
7. Laos	11.	Research Institute of Science, Science Technology and Environment Agency
8. Malaysia	12.	Strategic Resource Research Center, Malaysian Agricultural Research and Development Institute (MARDI)
9. Mongolia	13.	Institute of Biology, Mongolian Academy of Science (MAS)
10. Myanmar	14.	Department of Higher Education (Lower Myanmar) , Ministry of Education
11. The Philippine	15.	National Institute of Molecular Biology and Biotechnology, University of the Philippines, Los Banos
	16.	Ecosystems Research Development Bureau, Department of Environment and Natural Resources
	17.	Microbiological Research and Service Laboratory , Natural Sciences Research Institute, University of the Philippines, Dilliman

Country		Organization
	18.	University of Santo Tomas
12. Thailand	19.	National Center for Genetic Engineering and Biotechnology (BIOTEC), National Science and Technology Development Agency
	20.	Thailand Institute of Scientific and Technology Research (TISTR)
	21.	Biodiversity-Based Economy Development Office (Public Organization) (BEDO)
13. Vietnam	22.	Institute of Microbiology and Biotechnology (IMBT), Vietnam National University (VNU), Hanoi
	23.	Department of Science and Technology, Ministry of Science and Technology

Updated from the 9th ACM Meeting

