



Minutes of the 12th Meeting of the Asian Consortium for the Conservation and Sustainable Use of Microbial Resources (ACM12)

Date: October 8 (Thu)-10 (Sat), 2015

Meeting Venue: Hotel Kartika Chandra, Jakarta,
Hotel Novotel, Bogor

Meeting Homepage: <http://acm12.lipi.go.id/acm/>

Participants:

(Members) Total of 13 organizations from 8 countries participated

1. Bangkok MIRCEN-TISTR (Thailand)
2. BIOTEC (Thailand)
3. BIOTECH-University of the Philippines Los Baños (Philippines)
4. IMBT-VNUH (Vietnam)
5. IMCAS (China)
6. JCM (Japan)
7. KACC (Korea)
8. KCTC (Korea)
9. KNRRC (Korea)
10. LIPI (Indonesia)
11. MARDI (Malaysia)
12. NBRC (Japan)
13. USTCMS (Philippines)

(Observers) 4 organizations from 4 countries also participated.

1. BCRC (Taiwan)
2. Biodiversity Research and Innovation Center-MIPR (Brunei)
3. DSMZ (Germany)
4. WFCC (Belgium)

(Special Speakers)

1. Dr. Yoshimi Benno (RIKEN, Japan)
2. Dr. Prihardi Kahar (Graduate School of Engineering, Kobe University, Japan)



3. Dr. Jorg Overmann (DSMZ, Germany)
4. Dr. Philippe Desmeth (WFCC, Belgium)

Program Summary:

1. Welcome Remarks
2. ACM Symposium I: Microorganisms for Energy, Health and Environment
3. ACM Symposium II: BRC in Indonesia and CBD/NP
4. Indonesian Culture Collection (InaCC) facility tour
5. ACM Symposium III: Members Report
6. Reports from Taskforce
7. General Assembly

1. Welcome Remarks

The 12th ACM was opened with opening remarks made by Prof. Dr. Enny Sudarmonowati, Deputy Director for Life Sciences of LIPI followed by welcome remarks made by Mr. Takashi Fukushima, Acting Director of ACM secretariat.

2. ACM Symposium I: Microorganisms for Energy, Health and Environment

In the symposium 1, the following speakers gave lectures on theme of microorganism for energy, health and environment.

- Dr. Prihardi Kahar, (Graduated school of Engineering, Kobe University)
“Microbial screening for bio-refinery research from Asian countries bio-resources”
- Dr. Yoshimi Benno (Riken, Japan)
“Current topics of relationships between gut microbiota and host”
- Dr. Jorg Overmann (Director of DSMZ)
“Strategic role of microbial resource centers in enhancing the accessibility & utilization of microbial diversity”

3. ACM Symposium II: BRC in Indonesia and CBD/NP

In the symposium 2, the following speakers gave lectures on topics of introduction of Indonesian Culture Collection which opened in September, 2014, and current status of Indonesia for CBD and Nagoya Protocol.



- Dr. Indra Exploitasia Semiawan (Deputy Director for Genetic Resources Conservation of the Ministry of Environment and Forestry)
“The implementation of Nagoya Protocol and control of genetic resources of species in trade under CITES mechanism”
- Dr. Achmad Dinoto (Manager of InaCC)
“Establishment of Indonesian Culture Collection (InaCC)”
- Dr. Puspita Lisdiyanti (Researcher of LIPI Biotechnology Center)
“Microbial Diversity of Indonesia”
- Dr. Philippe Desmeth (Director-General of WFCC)
“General Remarks on Future Biological Research Centre (BRC)”

4. Indonesian Culture Collection (InaCC) facility tour

LIPI and NITE have been implementing a collaborative project titled *“Development of Internationally Standardized Microbial Resource Center to promote life science research and Biotechnology”* since 2011 as SATREPS project which aims to address global issues and leads to research outcomes of practical benefit to both local and global society funded by both Japan Science and Technology Agency (JST) and Japan International Cooperation Agency (JICA). As its outcomes, the first microbial resource center “Indonesian Culture Collection (InaCC) was established and opened in September, 2014 in Indonesia. ACM members visited InaCC and had facility tours.

5. ACM Symposium III: Members Report

Member reports had been made describing annual activities and their achievement from 13 member organizations and two observer organizations from BCRC, Taiwan and Biodiversity Research and Innovation Center-MIPR, Brunei.

Some of the topics were the followings; InaCC was newly built in Indonesia in 2014. Also IMCAS reported that another preservation facility for microbial resources is under construction in China. The report from BIOTEC provided that Thailand Bioresource Research Center (TBRC) started operation in earnest. The progress of microbial resources field in Asian countries implicated the roles of biological resource center become enhancing and more important.

6. Reports from Taskforce

- Asian Biological Resource Center Network (ABRCN) Taskforce
Dr. Ken-ichiro Suzuki, the chairman of the TF, made requests to ACM members



on the following points;

- ❖ Emphasized the need to progress its accessibility for Asian Biological resources to ACM member organizations.
- ❖ Encouraged to join the global catalogs to the following 4 member organizations: IMTECH in India, KACC in Korea, IB-MAS in Mongolia, Patheingyi university in Myanmar

- Human Resource Development (HRD) Taskforce

Dr. Rosario Monsalud, the chairman of HRD-TF reported the annual activities of this year. The 3rd ACM International Training- Workshop on Quality Control of Microbial-Based Fertilizers was held at IMBT-VNUH from March 11 to 13 in 2015 hosted by IMBT and SEARCA in Vietnam. The participants who attended from Cambodia, Laos, Indonesia, Myanmar, Phillipines, Thailand and Vietnam attributed number of 50 in lecture session, and number of 30 in laboratory session. The trainings held by PNCM consisted of; (1) Microbiological Analysis of Coconut Water Concentrate (CWC) Products (June 25-26, 2015), (2) Maintenance and Preservation of Microbial Cultures (July 9, 2015), (3) Microbiological Analysis of Refined Sugar (August 4-7, 2015).

In addition, Dr. Monsalud also reported that approximately 250 participants took part in the 13th symposium of PNCM, and the following training workshop titled “Basic Techniques in Microbiology” joined 14 participants.

In the end of the report, Dr. Monsalud made announcement for inviting host organizations for the 4th ACM International Training Workshop and also requested support from ACM members. The organization which is willing to be the host is asked to send E-mail.

- Management of Material Transfer of Biological Resources (MMT) Task Force

Dr. Katsuhiko Ando, the chairman of MMT-TF reported the annual activities of this year: Paper on the “Network of International Exchange of Microbes in Asia under ACM (NIEMA) had been published in the journal “Japan Society of Microbial Resources and Systematics” in December, 2014. In addition, he gave a presentation regarding NIEMA at the occasion of MIRRI WP9 (Legal operational framework for access) in Amsterdam in September, 2015.

7. General Assembly

In general assembly, reports and discussions were made regarding the following



agenda; (1) Adoption of minutes of ACM11, (2) Amendment of ACM Administrative Rules, (3) Proposal of new membership organization

Agenda 1: Adoption of minutes of ACM11

Prof. Yeonhee Lee of KNRRC reported the minutes of 11th Asian Consortium (ACM11) hosted by Korea National Research Resource Center (KNRRC). All participants confirmed the contents and adopted the minutes.

Agenda 2: Amendment of ACM Administrative Rules

ACM secretariat proposed several amendments of ACM Administrative Rules and participants discussed the proposal.

In the approved amendment, procedure for new ACM membership and decision making process in general assembly will be more clarified.

Agenda 3: Proposal of new membership organization

No new membership application was made in this general assembly, but it was reported that several organizations have wished to become ACM members.

Agenda 4: Announcement of ACM13 (2016)

The next ACM annual meeting, ACM13 (2016), would be held in India, hosted by Institute of Microbial Technology (IMTECH).



APPENDIX 1. the 12th Meeting of the Asian Consortium for the Conservation and Sustainable Use of Microbial Resources (ACM12)

Date	October 8 (Thu) ~ 10 (Sat), 2015
Place	Hotel Kartika Chandra, Jakarta (http://www.kartikachandra.com/) Hotel Novotel, Bogor (http://www.novotelbogor.com/)
Organized by	Indonesian Institute of Sciences (LIPI)
TIME	ACTIVITY
Oct. 8 (Thu)	
LIPI Headquarter Office, Jakarta	
08:30-09:00	Registration
09:00-12:00	KIPNAS (National Science Congress) Opening Address Plenary Lecture by Dr. Philippe Desmeth “ <i>The power of knowledge, the roles of sciences</i> ”
Hotel Kartika Chandra, Jakarta	
12:00-14:00	Lunch
14:00-14:10	Opening of ACM Symposium
	<ul style="list-style-type: none"> • Opening remarks by Prof. Dr. Enny Sudarmonowati (LIPI Deputy Chairman of Life Sciences) • Welcome speech by Mr. Takashi Fukushima (NITE)
14:15-15:45	[ACM Symposium I] Microorganisms for Energy, Health and Environment
	<ul style="list-style-type: none"> • Dr. Prihardi Kahar (Graduated school of Engineering, Kobe University) “<i>Microbial screening for bio-refinery research from Asian countries bio-resources</i>” • Dr. Yoshimi Benno (Riken, Japan) “<i>Current topics of relationships between gut microbiota and host</i>” • Dr. Jorg Overmann (Director of DSMZ) “<i>Strategic role of microbial resource centers in enhancing the accessibility & utilization of microbial diversity</i>”
15:45-16:00	Coffee Break
16:00-17:10	[ACM Symposium II] Biological Resource Center and CBD/Nagoya Protocol in Indonesia
	<ul style="list-style-type: none"> • Dr. Indra Exploitasia Semiawan (Deputy Director for Genetic Resources Conservation of the Ministry of Environment and Forestry) “<i>The implementation of Nagoya Protocol and control of genetic resources of species in trade under CITES mechanism</i>” • Dr. Achmad Dinoto (Manager of InaCC) “<i>Establishment of Indonesian Culture Collection (InaCC)</i>” • Dr. Puspita Lisdiyanti (Researcher of LIPI Biotechnology Center) “<i>Microbial Diversity of Indonesia</i>” • Dr. Philippe Desmeth (Director-General of WFCC) “<i>General Remarks on Future Biological Research Centre (BRC)</i>”
17:10-18:10	[ACM Symposium III] (Member Report) session I
	<ol style="list-style-type: none"> 1. Malaysian Agricultural Research and Development Institute (Malaysia) 2. BIOTECH, University of the Philippines Los Banos (Philippines) 3. National Center for Genetic Engineering and Biotechnology (Thailand) 4. Indonesian Culture Collection, LIPI (Indonesia)



	5. Korean Collection for Type Cultures (Korea)
	6. NITE Biological Resource Center, National Institute of Technology and Evaluation (Japan)
18:00-18:30	Refresh time
18:30-20:00	Welcome Dinner
20:00 ~	Depart to Hotel Novotel, Bogor
Oct. 9 (Fri)	
LIPI Cibinong Science Center, Cibinong	
08.30-11.00	RCB-LIPI visit tour Indonesian Culture Collection (InaCC)
11:00-13:30	Lunch
Hotel Novotel, Bogor	
13.30-15:00	ACM Symposium III (Member Report) session II 7. Institute of Microbiology and Biotechnology, Vietnam National University (Vietnam) 8. Japan Collection of Microorganisms, RIKEN BioResource Center (Japan) 9. Bioresource Collection and Research Center, Food Industry R&D Institute (Taiwan) 10. University of Santo Tomas, Collection of Microbial Strains (Philippines) 11. Institute of Microbiology, Chinese Academy of Sciences (China) 12. Korea National Research Resource Center (Korea) 13. Korean Agricultural Culture Collection (Korea) 14. Microbiological Resource Center, TIST (Thailand) 15. Biodiversity Research and Innovation Center-MIPR (Brunei Darussalam)
15:10-15:30	Coffee Break
15:30-16:30	ACM Task Force Meeting <ul style="list-style-type: none"> • Asian Biological Resource Center Network (ABRCN) Task Force • Human Resources Development (HRD) Task Force • Management of Material Transfer (MMT) Task Force
16:30-17:50	General Assembly <ul style="list-style-type: none"> • Adoption of 11th ACM Minutes of Meeting (Korea) • General Discussion • Conclusion • Announcement of 13th ACM Meeting
17:50-18:00	Closing Closing remarks of ACM Symposium by Dr. Witjaksono
18:00-20:00	Farewell Dinner
Oct. 10 (Sat)	
09:00-11:00	Tour Bogor Botanical Garden