**September 21, Saturday**

17:00-19:00 **Friendship Palace, Beijing Friendship Hotel**

1. ICCC13 Training Course Registration

2. ACM 10 Registration

**September 22, Sunday**

10:00-18:00 **Friendship Palace, Beijing Friendship Hotel**

ICCC 13 Conference Registration

09:00-12:00 ***Parallel***

**Room 1, Friendship Palace**

ACM 10: Member reports (closed)

**Room 2, Friendship Palace**

Training Course 1

**Room 4, Friendship Palace**

Training Course 2

12:00-14:00 **Restaurants in Friendship Palace**

Lunch

14:00-17:00 **Parallel**

**Room 1, Friendship Palace**

ACM 10: Member reports (closed)

**Room 2, Friendship Palace**

Training Course 1

**Room 4, Friendship Palace**

Training Course 2

17:00-19:00 **Restaurants in Friendship Palace**

Dinner

**September 23, Monday**

07:30-09:00 **Friendship Palace, Beijing Friendship Hotel**

ICCC 13 Conference Registration

09:00-12:00 **Juying Ballroom, Friendship Palace**

09:00-09:15 ICCC 13 Opening Ceremony

09:15-10:20 Session 01: Plenary Lectures

*Chairs: Prof. Philippe DESMETH, Prof. Xiuzhu DONG*

PL1-Erko Stackebrandt: Coordination rather than fragmentation: Curating the microbial diversity

PL2-Teun Boekhout: Yeast Diversity United

10:20-10:40 Coffee break

10:40-12:00 Session 01: Plenary Lectures

PL3-Robert Gunsalus: Diversity of Cell Envelops in the Archaea

PL4-Guoping Zhao: Taxonomy is biology-Prokaryotic systematics at the genomics era

PL5-Braulio Ferreira de Souza Dias: Culture Collections and the Nagoya Protocol on Access and Benefit-sharing: Promoting an enabling environment for research

12:00-12:15 **Outside of Friendship Palace**

Photo

12:15-14:00 **Restaurants in Friendship Palace**

Lunch

14:00-15:20 ***Parallel***

**Room 1, Building 8**

Session 13: Evolution of culture collection to BRC

*Chairs: Ipek Kurtboke, David Smith*

14:00-14:25 O13-1-David Smith (CABI, Egham, United Kingdom)-Drivers for the evolution of the BRC a pan-European perspective

14:25-14:50 O13-2- Ipek Kurtboke: AMRIN: Leading force in the transition from CCs to a BRC in Australia?

14:50-15:15 O13-3 Kevin McCluskey: Funding models for culture collections supporting transition to BRCs

**Room 2+3, Building 8**

Session 12: Trends and future of microbial systematics and phylogenetics in the (post)-genomic era

*Chair: Ying Huang*

14:00-14:25 O12-1- Frederick M. Cohan (Department of Biology, Wesleyan University) Systematics and the Origin of Bacterial Species

14:25-14:50 O12-2- Tomohiko Tamura (NITE Biological Research Center (NBRC) Taxonomic approach based on the whole genome sequencing of Nocardia and related actinobacteria

14:50-15:15 O12-3- Chang-Fu Tian (State Key Laboratory of Agrobiotechnology, College of Biological Sciences, China Agricultural University) Genomic analysis of rhizobia: the integration of core and shell

**Room 5, Building 8**

Session 06: Diversity of yeasts and fungi

*Chairs: Gerard Verkleij, Feng-Yan BAI*

14:00-14:25 O6-1-G.J.M. Verkley (CBS-KNAW Fungal Biodiversity Centre, the Netherlands): A new approach to species delimitation in Septoria (Mycosphaerellaceae, Dothideales, Ascomycota)

14:25-14:50 O6-2-Feng-Yan Bai (Institute of Microbiology, Chinese Academy of Sciences, China): Geographic distribution and population differentiation of Saccharomyces species in China

14:50-15:15 O6-3-Marizeth Groenewald (CBS-KNAW Fungal Biodiversity Centre, the Netherlands): Potential of novel gene regions as barcodes in yeasts & fungi

15:20-15:40 **Building 8**

Coffee break

15:40-17:00 ***Parallel***

**Room 1, Building 8**

Session 13: Evolution of culture collection to BRC

*Chairs: Ipek Kurtboke, David Smith*

15:40-16:05 O13-4- Nelson Lima: Capacity building initiatives, training and education the EMbaRC experience

16:05-16:30 O13-5-Gwo Fang Yuan: Development of the BCRC, FIRDI, Taiwan

16:30-16:55 O13-6-Marleen Bosschaerts: Inclusion of three new public collections into the Belgian Coordinated Collection of Microorganisms (BCCM)

**Room 2+3, Building 8**

Session 02: Microbe-based biotechnologies toward the era of bio-economy

*Chair: Yong TAO*

15:40-16:00 O2-1-Su YAO (China National Research Institute of Food and Fermentation Industries): Bacterial Community Diversity from high temperature Daqu of Sesame-flavor Liquor

16:00-16:20 O2-2-Susanna Badalyan (Yerevan State University): Biotechnological Role of Culture Collections of Polypore Mushrooms (Basidiomycota, Polyporales)

16:20-16:40 O2-3- Sheng Wu (Institute of Microbiology, Chinese Academy of Sciences) Evolving New Catalytic Function of Baeyer-Villiger Monooxygeanses: Converting C-C to C-H bond Activation

16:40-17:00 O2-4-Danielle Patrícia Cerqueira Macêdo (Federal University of Pernambuco): Significant expression of pectinase and β-glucosidase by yeasts stocked at bank of fungi with biotechnological importance, Micoteca URM/Brazil

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**Room 5, Building 8**

Session 06: Diversity of yeasts and fungi

*Chairs: Gerard Verkleij; Feng-Yan BAI*

15:40-16:00 O6-4-Neža Čadež (University of Ljubljana, Slovenia): Yeast communities in Slovenian extra virgin olive oil: unexploited biodiversity

16:00-16:20 O6-5-Serge Casaregola (CIRM-Levures, INRA/AgroParisTech, Thiverval-Grignon, France): YeastIP: a database for identification and phylogeny of Saccharomycotina yeasts

16:20-16:40 O6-6-G.S. Prasad (Institute of Microbial Technology, Council of Scientific and Industrial Research, India): Yeasts as sources of novel uricases

16:40-17:00 O6-7-Sayaka Ban (NITE Biological Research Center (NBRC), Japan) Phylogenetic analysis of insect parasitic and mycoparasitic fungi and proposal of two new species of the genus Polycephalomyces

18:00-20:00 **Juying Ballroom, Friendship Palace**

Welcome Banquet

**September 24, Tuesday**

09:00-10:20 ***Parallel***

**Room 1, Building 8**

Session 14: Regional and international initiatives /efforts on BRCs

*Chairs: Kevin McCluskey; Ken-Ichiro SUZUKI*

09:00-09:20 O14-1-Kevin McCluskey (Fungal Genetics Stock Center, United States) The US Culture Collection Network is making a strong impact in the US microbial research community

09:20-09:40 O14-2- Xiao-Jing SUN (IMCAS) RNAM, Research Network for Applied Microbiology, Chinese Academy of Sciences

09:40-10:00 O14-3- Marleen Bosschaerts (Belgian Science Policy Office - BCCM (Belgian Coordinated Collections of Micro-organisms)The BCCM consortium: 30 years of experience in the coordination of public culture collections

10:00-10:20 O14-4 Vanderlei Perez Canhos (Reference Center on environmental Information (CRIA)) Consolidation of the Brazilian Network of Microbiological Resource Centers

**Room 2+3, Building 8**

Session 05: Genomes and Metagenomics

*Chairs: Xiu-Zhu DONG; Zong-Ze SHAO*

09:00-09:25 O5-1-Liping Zhao (Shanghai Jiaotong University): Metagenomics as a tool for understanding the causative role of gut microbiota in obesity

09:25-09:50 O5-2- Moriya Ohkuma (RIKEN BioResource Center, JCM) Single cell analysis of termite-gut bacteria

09:50-10:15 O5-3- Dong Xiuzhu (IMCAS) Transcriptome of Methanosaeta harundinacea 6Ac revealed cell shape related methanogenic metabolic flux and a prototypical two-component system can involve the regulation

**Room 5, Building 8**

Session 07: Diversity of Prokaryotes

*Chairs: Erko Stackebrandt, Wen-Jun LI*

09:00-09:25 O7-1-Maliheh Mehrshad (Extremophiles Laboratory, Department of Microbiology, Faculty of Biology and Center of Excellence in Phylogeny of Living Organisms, College of Science, University of Tehran) Biodiversity of Extremely halophilic prokaryotes of the western coastal line of Urmia Lake, second largest hypersaline lake in the world

09:25-09:50 O7-2-Jie Li (South China Sea Institute of Oceanology, Chinese Academy of Sciences) Phylogenetic diversity and biosynthetic potential of bacteria associated with the South China Sea reef corals

09:50-10:15 O7-3-Paul De Vos (Laboratory of Microbiology, Department of Biochemistry and Microbiology, Ghent University) Diagnostics for quarantine plant pathogens: DNA barcoding and MALDI-TOF-MS revealed a new group of non-pathogenic to tomato Clavibacters isolated from tomato seeds

10:20-10:40 **Building 8**

Coffee break

10:40-12:00 ***Parallel***

**Room 1, Building 8**

Session 14: Regional and international initiatives /efforts on BRCs

 *Chairs: Kevin McCluskey; Ken-Ichiro SUZUKI*

10:40-11:00 O14-5- Yeonhee Lee (Korea National Research Resource Center) Asian Network of Research Resource Centers (ANRRC) and KNRRC

11:00-11:20 O14-6-Hiroko Kawasaki (NBRC, National Institute of Technology and Evaluation) Asian Network: Asian Consortium for the Conservation and Sustainable Use of Microbial Resources

11:20-11:40 O14-7-Nelson Lima (Universidade do Minho) The European Culture Collections' Organisation: promoting collaboration, opportunities and innovation

11:40-12:00 O14-8- David Smith (CABI, Egham, United Kingdom) Regional activities leading to a Global Biological Resource Centre Network

**Room 2+3, Building 8**

Session 05: Genomes and Metagenomics

*Chairs: Xiu-Zhu DONG; Zong-Ze SHAO*

10:40-10:55 O5-4-Muriel GUGGER (Institut Pasteur) Towards a genomic representation of the cyanobacterial phylum

10:55-11:20 O5-5-Wee Fei Aaron Teo (Institute of Biological Sciences, Faculty of Science, University of Malaya) Genome sequence of a novel marine actinobacteria Sciscionella sp.

11:20-11:55 O5-6-Kyung Mo Kim (Korean Collection for Type Culture, KRIBB) CLUSTOM: A Novel Method for Clustering 16S rRNA Next Generation Sequences by Overlap Minimization

**Room 5, Building 8**

Session 07: Diversity of Prokaryotes

*Chairs: Erko Stackebrandt, Wen-Jun LI*

10:40-10:55 O7-4- Wen-Jun Li (Yunnan Institute of Microbiology, Yunnan University) Diversity of culturable thermophilic bacteria in geothermal area of Tengchong, China

10:55-11:20 O7-5-Xiu-Min Zhang(Key Laboratory of Microbial Diversity Research and Application of Hebei Province, College of Life Sciences, Hebei University) Discovery of novel uncultivated actinobacterial species in Yen mountains

11:20-11:55 O7-6-Maria del Carmen Montero-Calasanz (Leibniz Institute DSMZ-German Collection of Microorganisms and Cell Cultures) Diversity of the genus Geodermatophilus: successful survival in arid environments

12:00-14:00 **Restaurants in Friendship Palace**

Lunch

14:00-15:20 ***Parallel***

**Room 1, Building 8**

Session 15: Biological resource centers: quality management systems

*Chairs: Manuela da Silva; Tao-Zhen JIANG*

14:00-14:25 O15-1-Philippe Desmeth (World Federation for Culture Collections c/o Belgian Coordinated Collections of Micro-organisms. Belgian Science Policy Office) Build quality in culture collections to get research on solid ground The WFCC guidelines and OECD best practices concerning QMS

14:25-14:50 O15-2-Dunja Martin (Leibniz-Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH): Quality management within MIRRI

14:50-15:15 O15-3-Waldemar S Souza (INMETRO - National Institute of Metrology, Quality and Technology) The Brazilian Approach on the Establishment of an Accreditation Program for Biological Resource Centres

**Room 2+3, Building 8**

Session 10: Algae and Virus

*Chairs: Zhi-Hong HU; Li-Rong SONG*

14:00-14:25 O10-1-Jerry J. Brand (University of Texas) Changing Roles of Microalgal Culture Collections in a Rapidly Changing World

14:25-14:50 O10-2-Masanobu Kawachi (National Institute for Environmental Studies) Microbial Culture Collection and Research Projects at the National Institute for Environmental Studies

14:50-15:15 O10-3- Li-Rong SONG (Key Laboratory of Algal Biology, Institute of Hydrobiology, Chinese Academy of Sciences) FACHB-collection -The Freshwater Algae Culture Collection at the Institute of Hydrobiology: the algal resources for fundamental and applied research

**Room 5, Building 8**

Session 08: Extremophiles and marine microorganisms

*Chairs: A. Oren; Takashi Itoh*

14:00-14:25 O8-1-Zong-Ze SHAO(State Key Laboratory Breeding Base of Marine Genetic Resources; Key Laboratory of Marine Genetic Resources, Third Institute of Oceanography, SOA. Xiamen) Marine Microbial Collection and Platform Construction in China

14:25-14:50 O8-2-Yu-Zhong ZHANG(State Key Laboratory of Microbial Technology, Marine Biotechnology Research Center, Shandong University) Marine Protease-Producing Bacteria, Key Players in Organic Nitrogen Cycling of the Ocean: Diversity, Extracellular proteases and Their Degradation on High-Molecular-Weight Organic Nitrogen

14:50-15:15 O8-3-André Antunes (Micoteca da Universidade do Minho) Challenges, Approaches and Future Work in the Deep-sea Anoxic Brine Lakes of the Red Sea

15:20-15:40 **Building 8**

Coffee break

15:40-17:20 ***Parallel***

**Room 1, Building 8**

Session 15: Biological resource centers: quality management systems

*Chairs: Manuela da Silva; Tao-Zhen JIANG*

15:40-16:05 O15-4-Manuela da Silva (Fiocruz - Oswaldo Cruz Foundation –Vice-Presidency of Research and Reference Laboratory) Evaluation of Fiocruz Fungal Collection (Fiocruz/CMRVS) as BRC according to best practice guidelines for BRC of OECD and Brazilian internal standard NIT-DICLA-061

16:05-16:30 O15-5-Chien-chi Chen (Bioreousrce Collection and Research Center, Food Industry Research and Development Institute, Taiwan) The quality management system in BCRC/FIRDI

16:30-16:55 O15-6-Chunsun Ryu (Korea National Research Resource Center (KNRRC) Standards of Private sectors, Best practice guidelines for research resource center

16:55-17:20 O15-7-Lily Eurwilaichitr (Bioresources Technology Unit, National Center for Genetic Engineering and Biotechnology, Thailand Science Park, Pathumthani, Thailand) TBRC: Network Integration of Quality Management for Culture Collection

**Room 2+3, Building 8**

Session 10: Algae and Virus

*Chairs: Zhi-Hong HU; Li-Rong SONG*

15:40-16:05 O10-4-Jean-Louis ROMETTE (Aix Marseille University) European Virus Archive: towards an International infrastructure

16:05-16:30 O10-5- Zhi-Hong HU (State Key Laboratory of Virology and China Centre for Virus Culture Collection, Wuhan Institute of Virology, Chinese Academy of Sciences) The current status of the China Centre for Virus Culture Collection (CCVCC) and challenges for virus collection and taxonomy

16:30-16:55 O10-6- Sayed Salem (Animal Health Research Institute) Rapid detection of foot-and-mouth disease viral RNA during 2012 outbreak in Egypt using recombinase polymerase amplification assay

**Room 5, Building 8**

Session 08: Extremophiles and marine microorganisms

*Chairs: A. Oren; Takashi Itoh*

15:40-16:05 O8-4-A.Oren (The Hebrew University of Jerusalem) Chemotaxonomy of halophilic Archaea and Bacteria: studies in pure cultures and in natural communities of halophiles

16:05-16:30 O8-5-Xue-Zheng LIN (The first Institute of Oceanography, SOA, Qingdao) Polar Bacteria: biodiversity, adaptive mechanisms and application potentials

16:55-17:20 O8-6-Takashi Itoh (Japan Collection of Microorganisms, RIKEN BioResource Center) Diversity of a hyperthermophilic archaeal genus Vulcaniseata

17:20 **Restaurants in Friendship Palace**

Dinner

**September 25, Wednesday**

09:00-10:20 ***Parallel***

**Room 1, Building 8**

Session 11: Microbial taxonomy, phylogeny and biogeography/ecology

*Chairs: Paul De Vos, Fang PENG*

09:00-09:25 O11-1- Ahmed Idris Hassen (Agricultural Research Council, Plant Protection Research Institute) Maintenance of the South African Rhizobium Culture Collection as a genetic resource and prospects for inoculant development

09:25-09:50 O11-2-Haroun Shah (Public Health England) MALDI-TOF Mass Spectrometry as a Taxonomic Tool for the Characterisation of Culture Collection Strains

09:50-10:15 O11-3- Muriel GUGGER (Institute Pasteur) Taxonomy and phylogeny of the Cyanobacteria in the genomic Era

**Room 2+3, Building 8**

Poster Display

**Room 5, Building 8**

Session 19: Laws and regulations: CBD, NP and IPR

*Chairs: Philippe Desmeth, Vera Bussas*

09:00-09:25 O19-1- Gerard Verkleij (CBS-KNAW) Implementation of the Nagoya Protocol in Europe – update on developments and on activities by the Microbial Resource Research Infrastructure (MIRRI)

09:25-09:50 O19-2- Katsuhiko Ando (Acting Director-General, Biological Resource Center (NBRC), National Institute of Technology and Evaluation (NITE)) and Bubpha Techapattaraporn (BioLaw Research Unit, National Center for Genetic Engineering and Biotechnology, Thailand) Network of International Exchange of Microbes in Asia (NIEMA) under ACM

09:50-09:55 O19-3- Bubpha Techapattaraporn (BioLaw Research Unit, National Center for Genetic Engineering and Biotechnology, Thailand) The development of ABS Measure for Thailand Bioresources Research Center

09:55-10:15 O19-4-Da-Yuan XUE (College of Life and Environmental Science, Minzu University of China) CBD and Nagoya Protocol Follow-up in China

10:15-10:20 O19-5-Tian-Shen TAO (China Centre for Type Culture Collection,Wuhan University) Patenting in biotechnology - IPR and recent developments in China

10:20-10:40 **Building 8**

Coffee break

10:40-12:00 ***Parallel***

**Room 1, Building 8**

Session 11: Microbial taxonomy, phylogeny and biogeography/ecology

*Chairs: Paul De Vos, Fang PENG*

10:40-11:05 O11-4- Paul De Vos (Laboratory of Microbiology, Department of Biochemistry and Microbiology, Ghent University) Can the taxonomic knowledge on the genus Dickeya be generalised for other plant pathogens of the Enterobacteriaceae?

11:05-11:30 O11-5- Huan Yang (State Key Laboratory of Biogeology and Environmental Geology, China University of Geosciences) Influence of temperature and microbial taxonomy on the distribution of archaeal membrane lipids in modern soils and aquatic environments

11:30-11:55 O11-6- Ning-Yi Zhou (Key Laboratory of Agricultural and Environmental Microbiology, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan) Intragenomic heterogeneity of 16S rRNA genes causes overestimation of prokaryotic diversity

**Room 2+3, Building 8**

Poster Display

**Room 5, Building 8**

Session 19: Laws and regulations: CBD, NP and IPR

*Chair: Philippe Desmeth, Vera Bussas*

10:40-11:00 O19-6- Yu-Fen Chen et al. (Bioresource Collection and Research Center, Food Industry Research and Development Institute) Facilitating Exploitation of Microbial Materials with IPRs and MTAs in BCRC

11:00-11:20 O19-7- Arianna Broggiato and Tom Dedeurwaerdere ((Université catholique de Louvain, UCL) Model ABS contract - a best practice for implementing the Nagoya Protocol

11:20-11:40 O19-8- Philippe Desmeth (World Federation for Culture Collections c/o Belgian Coordinated Collections of Micro-organisms. Belgian Science Policy Office) et al. Revisiting MOSAICC and Building TRUST Implementing the Nagoya Protocol in microbiology

11:40-12:00 O19-9 Juncai Ma (IMCAS). Information Platform for accessing, tracking, monitoring and benefit sharing of microbial resources

12:00-14:00 **Restaurants in Friendship Palace**

Lunch

14:00-17:30 **IMCAS** (gather in front of Building 1)

Visit to IMCAS

17:30 **Restaurants in Friendship Palace**

Dinner

19:00-20:30 **Room 4, Building 8**

WFCC Board Meeting (closed)

**September 26, Thursday**

09:00-10:20 ***Parallel***

**Room 1, Building 8**

Session 17: WDCM and CODATA joint workshop: Data management, bioinformatics, information system and networks of microbial resources

*Chairs: Jun-Cai MA; Hideaki SUGAWARA*

09:00-09:25 O17-1-Dr. Juncai MA (Institute of Microbiology, WFCC-MIRCEN World Data Center for Microorganisms (WDCM), China)Recent activities of WDCM

09:25-09:50 O17-2- David Smith(CABI, Egham, United Kingdom) The development of the MIRRI ITC infrastructure for microbial resources

09:50-10:15 O17-3- Alexander Vasilenko (IBPM RAS, Pushchino, Russia) Meta-analysis of the possible MIRRI information system characteristics

**Room 2+3, Building 8**

Poster Display

**Room 5, Building 8**

Session 03: Environmental microbes, their roles in material cycling and environmental remediation

*Chair: Xiao-Lei WU* ; *Yu-Guang ZHOU*

09:00-09:25 O3-1-Ning-Yi ZHOU (Key Laboratory of Agricultural and Environmental Microbiology, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan) Microbial degradation of three nitrophenol isomers and its application in remediation of contaminated -soil

09:25-09:50 O3-2-Javad Hamedi (Microbial Technology and Products Research Center, University of Tehran) Isolation and Characterization of Heavy Metals Resistant Rare Actinomycetes

09:50-10:15 O3-3-Zhong-Jun Jia (Institute of Soil Science, Chinese Academy of Sciences) Evolution of soil ammonia oxidation in action

10:20-10:40 **Building 8**

Coffee break

10:40-12:00 ***Parallel***

**Room 1, Building 8**

Session 17: WDCM and CODATA joint workshop: Data management, bioinformatics, information system and networks of microbial resources

*Chairs: Jun-Cai MA; Hideaki SUGAWARA*

10:40-11:05 O17-4- Vincent Robert (CBS-KNAW, Fungal Biodiversity Centre, Utrecht, The Netherlands) BioloMICS Software, the ultimate tool for management of culture collections

11:05-11:30 O17-5- Kevin Mccluskey (Fungal Genetics Stock Center, University of Missouri- Kansas City, Missouri, USA) Building a foundation for microbial metagenomics analysis

11:30-11:55 O17-6- Hiroshi Mori (Tokyo Institute of Technology, Yokohama, Japan) Data integration in the MicrobeDB.jp using Semantic Web technology

**Room 2+3, Building 8**

Poster Display

**Room 5, Building 8**

Session 03: Environmental microbes, their roles in material cycling and environmental remediation

*Chair: Xiao-Lei WU; Yu-Guang ZHOU*

10:40-11:05 O3-4- Rizwan Ali Sheirdil (Key Laboratory of Microbial Resources Collection and Preservation, Ministry of Agriculture, Institute of Agricultural Resources and Regional Planning) Exploring the Potential Candidates from wheat rhizospher through Characterization and their Identification by using 16SrRNA gene sequencing

11:05-11:30 O3-5- Demey S. (Biology IT Centre, Institut Pasteur) BRC-LIMS: new application for the management of French Biological Resource Centres of Microorganisms

11:30-11:55 O3-6- Man Cai (Current address: China General Microbiological Culture Collection Center, Institute of Microbiology, Chinese Academy of Sciences. College of Engineering, Peking University) Profiling microbial community diversity in crude oil and production water from different oil-bearing strata in Qinghai Oilfield, China

12:00-14:00 **Restaurants in Friendship Palace**

Lunch

14:00-15:20 ***Parallel***

**Room 1, Building 8**

Session 17: WDCM and CODATA joint workshop: Data management, bioinformatics, information system and networks of microbial resources

Chairs: Jun-Cai MA; Hideaki SUGAWARA

14:00-14:25 O17-7-Supawadee Ingsriswang (Information Systems Laboratory, Bioresources Technology Unit, National Center for Genetic Engineering and Biotechnology (BIOTEC), Thailand) TBRC: an online networking platform for biological collections in Thailand

14:25-14:50 O17-8- Paul De Vos (University of Ghent, Belgium)Automated selection of reliable 16S rRNA gene sequence for phylogenetic tree construction

14:50-15:15 O17-9-Di LIU (Institute of Microbiology, WFCC-MIRCEN World Data Center for Microorganisms (WDCM),China) DNA barcoding and the information system

**Room 2+3, Building 8**

Session 16 Biological resources: preservation technologies

*Chairs: Jin-Gang GU* ; *Qiang YE*

14:00-14:20 O16-1- Xiaoyun Wang (China General Microbiological Culture Collection Center, Institute of Microbiology, Chinese Academy of Sciences) Cell apoptosis occurred in freeze-drying-preserved fungi and could be inhibited by L-proline

14:20-14:40 O16-2- Marta F. Simões (Micoteca da Universidade do Minho) Proteomic analysis of Aspergillus niger type strain (MUM 03.01) after accelerated freeze-drying preservation

14:40-15:00 O16-3-Angelito ABAOAG (IMO Laboratories Pte Ltd) Application of PCR-DGGE and Community Profiling to Monitor and Maintain the Diversity and Function of Preserved and Functional Microbial Consortium

15:00-15:20 O16-4-Stefano A. Lollai (Istituto Zooprofilattico Sperimentale della Sardegna, Italy) Validation of Viability Period and Length of Storage of Reference Strains Used for Quality Control Tests

**Room 5, Building 8**

Session 04: Microbe-based bioprospecting, biofuels, bioremediation and health care innovation

*Chair: Li-Yan YU*

14:00-14:25 O4-1-Nisa Mubarik (Bogor Agricultural University) Isolation of Cellulolytic and Chitinolytic Bacteria from Soil of Oil-Palm Plantation as Biocontrol of Anthracnose Disease

14:25-14:50 O4-2-Shan Cen (Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences) Trend in antiviral drug development: novel targets combining with microbial nature products

14:50-15:15 O4-3-Reginaldo Lima-Neto (Federal University of Pernambuco) Clinical yeasts strains: innovation in the management of infections with new compounds evaluated on antifungal potential

15:20-15:40 Coffee break

15:40-17:00 ***Parallel***

**Room 1, Building 8**

Round Table: Promotion of WDCM activities

*Chair: DESMETH Philippe, World Federation for Culture Collections*

**Room 2+3, Building 8**

Session 16: Biological resources: preservation technologies

*Chair: Jin-Gang GU; Qiang YE*

15:40-16:00 O16-5- Xin-Zhan LIU (IMCAS) The application of Denaturing High-Performance Liquid Chromatography (DHPLC) in Rapid Differentiation of yeasts

16:00-16:20 O16-6- Bevan S. Weir (Landcare Research, New Zealand) Culture Collections supporting Plant Biosecurity

16:20-16:40 O16-7- Nigel Skinner (Life Science Research, Agilent Technologies) A Pathway-centric Approach to Multiomics Research Powered by GeneSpring Analytics

16:40-17:00 O16-8-Olympus

**Room 5, Building 8**

Session 09: Cell and Protoza

*Chair: Yu-Qin LIU*

15:40-16:00 O9-1-Yu-Qin LIU (institute of Basic Medical Sciences, Chinese Academy of Medical Sciences) Quality control of cell lines in China

16:00-16:20 O9-2-Fang YE (China Center for Type Culture Collection, College of Life Sciences, Wuhan University) Short tandem repeat profiling for mouse cell lines

16:20-16:40 O9-3- Xiao-Yun CHEN(China Institute of Veterinary Drug Control) The Construction of cell line that Express Siat7e and St3gal I Gene Simultaneously

16:40-17:00 O9-4-Hai-Liang FENG (Cell Resource Center, Institute of Basic Medical Sciences, Chinese Academy of Medical Sciences and Peking Union Medical College, Tsinghua University) Primary culture of 44 clear cell renal cell carcinoma of Chinese patients

17:00 **Restaurants in Friendship Palace**

Dinner

**September 27, Friday**

09:00-09:40 **Juying Ballroom, Friendship Palace**

Session 20: WFCC general assembly

Session 21: ICCC13 closure

09:40-12:00 **Room 2+3, Building 8**

Session 23: WFCC Board Meeting (closed)

12:00-14:00 **Restaurants in Friendship Palace**

Lunch

***THE END OF THE CONFERENCE***