

INTERNATIONAL FORUM OF BIODIVERSITY, BIOMEDICINE, BIOTECHNOLOGY, BIOSECURITY (4BIO)

2020.09.11
Biomedical Science Research Building
Wenzhou Medical University

Patronage
China Association for Science and Technology (CAST)
The People's Government of Zhejiang Province
Wenzhou Municipal People's Government
Global Young Academy (GYA)

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Zhejiang Association for Science and Technology
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Wenzhou Association for Science and Technology
Wenzhou Medical University
Youth Innovation Promoting Association, CAS

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International Society of Zoological Sciences
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Biological And Medical Committee, Chinese Association Of Young Scientists & Technologists
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East Eastern Federal University
Moscow Institute Of Physics And Technology
TMOU University, Russia
Alliance Tech | The European Alliance for Technology Development
Geotrack Co., Ltd.

Opening Ceremony (Main Venue)

Time: 14:00-16:30 PM September 11, 2020 (Beijing Time)
06:00-08:30 AM September 11, 2020 (GMT)

Moderators: Prof. Liangxing WANG, Deputy President, Wenzhou Medical University (China)

Remark address:

Prof. Xiaokun Ji
President of Wenzhou Medicine University

Dr. Alexander Kagsansky
FEFU, MIPT, Bio2Bio@GYA, A global strategy of Bio2Bio

Prof. Anindita Bhadra
Co-Chair of Global Young Academy, Biodiversity is Vital to Heal the Earth

Keynote Speakers:

Prof. Alexander Gabbov
Director of IBCh, Member of Russian Academy of Sciences, Russia
Presentation title: Antimicrobial approach for studying microbiodiversity

Prof. Stefano Govoni
Deputy President, Pavia University, Italy

Dr. Anton Gopka
Dean at Imotech, ITMO University, Russia

Prof. Theodore Hupp
Director of ICCNS, Poland and Chair of Cancer Research, Edinburgh University, UK

Dr. Yi Shi
Chair of Youth Innovation Promoting Association, CAS, China
Presentation title: Emerging viruses and human health
(Group photo after session)

Biodiversity and Biosecurity (Second Venue)

Time: 16:50-18:00 PM September 11, 2020 (Beijing Time)
08:50-10:00 AM September 11, 2020 (GMT)

Conveners: Xu WANG
Wenzhou Medical University, China

Wahaj Uddin (India), Pharmacokinetics
Scientist, Central Drug Research Institute, CSIR, India

Speakers:

Vela Siciliano (Italy)
Principal Investigator- Synthetic and Systems Biology for Biomedicine, Istituto Italiano di Tecnologia-IIT, Italy

Ross Piper (UK)
zoologist, author, UK
Drugs from the Bugs

Uttam Babu Shrestha
Vice-Chancellor's Research Fellow at the Institute for Agriculture and the Environment, University of Southern Queensland, Australia/Nepal
Biodiversity loss and Pandemic

Vidushi S Neerjheen
Associate Professor, University of Mauritius, Mauritius
Opportunities and Challenges from a Small Island Developing State

Milica Pešić (Serbia)

Institute for Biological Research, "Siniša Stanković", National Institute of Republic of Serbia, Serbia
Leading role of the Institute for Biological Research "Siniša Stanković" in natural product research and drug discovery in Serbia and Balkan region

Baojun SUN Chinese Academy of Sciences

Lattitudinal pattern of reptile responses to climate warming and underlying mechanisms

Shuhui SONG Chinese Academy of Sciences

The global landscape of SARS-CoV-2 genomes, variants, and haplotypes in 2019-nCoV-R

Biotechnology and Biomedicine (Main Venue)

Time: 16:50-18:00 PM September 11, 2020 (Beijing Time)
08:50-10:00 AM September 11, 2020 (GMT)

Conveners: Shaobo FANG
Institute of Physics, Chinese Academy of Sciences

Dilfuza Egamberdieva (Uzbekistan)
Head of Ecobiome R&D Centre, Uzbekistan and Research Associate at the Leibniz Centre for Agricultural Landscape Research, ZALF, Germany, Uzbekistan/Germany

Speakers:

Neil Carragher (UK)
Professor at University of Edinburgh, UK
Edinburgh Drug Discovery via phenotypic screening

Andrey Konevaga (Russia)
Head of Molecular and Radiation Biophysics Division of B.P. Konstantinov Petersburg Nuclear Physics Institute, National Research Center "Kurchatov Institute", Russia
Novel antibiotics from nature

Carla Montessano (Italy)
Researcher, University of Rome Tor Vergata, Rome, UNIPROMA2, Italy
Xenogenic miRNA for Healthcare

Jianzhong SU
Wenzhou Medical University, China
Pathway Analysis of Single-cell Transcriptional Training Cancerous Origin

Shaobo FANG Chinese Academy of Sciences

High-resolution, non-contact, in-vivo biological depth imaging and perception technology

Tao HUANG

Shanghai Institute of Nutrition and Health, Chinese Academy of Sciences
Accelerate Precision Medicine with Machine Learning and Network Analysis of Biomedical Big Data

Fangfu YE Chinese Academy of Sciences

Microenvironment's regulation of cells physical behaviors

Panel(Main Venue)

Time: 18:00-18:40 PM September 11, 2020 (Beijing Time)
10:00-10:40 AM September 11, 2020 (GMT)

Conveners: Xu WANG
Wenzhou Medical University, China

Milica Pešić
University of Belgrade, Serbia

Shaobo FANG
Institute of Physics, Chinese Academy of Sciences

Dilfuza Egamberdieva
Head of Ecobiome R&D Centre, Uzbekistan and Research Associate at the Leibniz Centre for Agricultural Landscape Research, ZALF, Germany, Uzbekistan/Germany

WYSS

CONVERGING THE WORLD'S TALENTS CREATING A BETTER FUTURE



WMU has made steady progress in recent years. WMU ranks the 5th in the independent medical colleges and universities in 2020 ARWU Ranking and top 50 among Chinese institutions in the Nature Index.

At present, WMU has more than 10,000 faculty and staff, including academic appointments of the affiliated hospitals among which 1538 are full-time teachers. The total enrollment of WMU amounts to 13,328, among which 890 are full-time international students. The graduates from the Clinical Medicine Program have consistently ranked within 10% nationwide in terms of their passing rate of National qualification examination for medical practitioners.

In recent years, WMU has undertaken more than 1200 scientific research projects of National level. More than 170 projects have won provincial, ministerial or national prizes. It boasts 24 national and provincial level key labs in Vision Science, Optometry, Bio-Medicine and Medical Laboratory Medicine.



WMU has 5 directly-affiliated hospitals, four of which are Grade 3 Class A hospitals. The 1st Affiliated Hospital, 2nd Affiliated Hospital and Eye Hospital are among the top 100 hospitals selected by Chinese Academy of Medicine in 2019 based on their technology impact. The Affiliated Eye Hospital topped the list of "2019 Nature Index Rankings of Best Ophthalmology Departments in China". In addition, it has 24 non-directly affiliated teaching hospitals across the province, which facilitate the clinical training of medical students. WMU embraces internationalization in the course of its development. It has established partnerships with 32 countries (regions) of more than 140 education and research institutions, collaborating in the areas of overseas student exchange and joint education programs, faculty academic exchanges and research cooperation. Chinese-foreign Cooperation in Running Schools, etc. In 2020, the Ministry of Education released an official statement approving the establishment of the Alberta Institute, Wenzhou Medical University, which is the first Chinese-Foreign Education Cooperation Institute focusing on clinical medicine in China. It was jointly established by Wenzhou Medical University and the University of Alberta, one of the top universities in Canada. The Joint Institute focuses on integrating both sides' high-quality educational resources, reforming the traditional medical education mode, adopting the global advanced medical education concept, providing world-class elite medical education for students, and cultivating high-level, versatile and internationally-minded medical talents. *



Speakers:

Vadim Kumeiko

Professor, Far Eastern Federal University, FEFU, Russia
Marine biodiversity for medicine

Dilfuza Egamberdieva

Head of Ecobiome R&D Centre, Uzbekistan and Research Associate at the Leibniz Centre for Agricultural Landscape Research, ZALF, Germany; Uzbekistan/Germany

Endophytes of herbal plants: unexplored treasure of nature

Roman Korchiyin

(Deputy) Director of Ecotourism and Education, Konosky Federal Nature Biosphere Reserve, Russia)

Wildlife reserves of Russia

Shuran Li

Wenzhou University, China,
Young delegation of International Society of Zoological Sciences, ISZS

Shuhui SONG, Biosecurity expert (China)

Florencia Tey

CEO - GEDIS Biotech, Argentina Genome engineering

Wahaj Uddin (India), Pharmacokinetics

Scientist, Central Drug Research Institute, CSIR, India

Vladimir Nizhichenko

Institute of Marine Biology, Vladivostok, Russia

Tao HUANG, CAS, Biomedicine expert (China)

Yao LIANG

JOINTO technology Co., Ltd.

Closed Door Meeting for Bio2Bio Committee (Second Venue)

Time: 19:00-19:30 PM September 11, 2020 (Beijing Time)

11:00-11:30 AM September 11, 2020 (GMT)

Chair: Alexander Kagansky

Far East Federation University, MILPT, Bio2Bio

Meng WANG

World Young Scientists Summit

This is meeting for the committee of Bio2Bio to discuss on the plan and future work on this Initiative, and to review all proposals for the members.

Brief Introduction of Wenzhou Medical University

Wenzhou Medical University (WMU) is a higher institution co-developed by the Ministry of Education, National Health and Family Planning Commission and Zhejiang Provincial Government and a Priority Development University in Zhejiang Province.

Currently, WMU offers 4 PhD Programs and 1 Professional PhD Programs in Clinical Medicine, Pharmacy, Biomedical Engineering and Basic Medicine, 12 Master Programs, 8 Professional Master's Programs, and 27 undergraduate programs in Medicine, Science, Engineering and Management, Ophthalmology and Optometry. Program ranks 1st in academic impact and 2nd in science and technology impact nationally. The Clinical Medicine Program ranks within the global top 0.2% in ESI rankings. The Pharmacy Program ranks 22nd in ARWU with a publication impact ranking 26th among all pharmacy programs in China. The Laboratory Medicine Program is a provincial First-Class Discipline which boasts more than 100 granted patents.

The Disciplines of Clinical Medicine, Chemistry, Pharmacology & Toxicology, Biology & Biochemistry, Molecular Biology & Genetics, Materials Science, Neuroscience and Behavioral Science at WMU all rank within global top 1% in ESI rankings.