

10th Macau Symposium on Biomedical Sciences



13 - 15 June 2024

CPD: RO-CPD-16-17-24

Programme Rundown (tentative)

Day 1: 13 th Jun 2024 (THU) – PM		
Venue: N2 - University Hall		
From	To	Session ONE: Joint session with Dept of Physiology, Yong Loo Lin School of Medicine, National University of Singapore
*Around 20 min per talk (included Q&A)		Session Chair(s): Hanming SHEN
14:00	14:20	<p>Reshma TANEJA Dept of Physiology, Yong Loo Lin School of Medicine, National University of Singapore, Singapore <i>Talk Title: BRD4 in Rhabdomyosarcoma</i></p>
14:20	14:40	<p>Shuo-Chien LING Dept of Physiology, Yong Loo Lin School of Medicine, National University of Singapore, Singapore <i>Talk Title: Deciphering TDP-43 Functions in Health and Diseases</i></p>
14:40	15:00	<p>Derrick Sek-Tong ONG Dept of Physiology, Yong Loo Lin School of Medicine, National University of Singapore, Singapore <i>Talk Title: Uncovering Novel Glioblastoma Dependencies for Mechanism-Guided Therapies</i></p>
15:00	15:20	<p>Shih-Yin TSAI Dept of Physiology, Yong Loo Lin School of Medicine, National University of Singapore, Singapore <i>Talk Title: Understanding Protein Homeostasis – Improving Protein Metabolism and Reducing Sarcopenia</i></p>
15:20	16:40	Coffee Break (including poster review session)
16:40	17:00	<p>Kathy Qian LUO Faculty of Health Sciences, University of Macau, Macau <i>Talk Title: Understanding How Triple-negative Breast Cancer Cells Become More Metastatic by Interacting with Macrophages</i></p>
17:00	17:20	<p>Jiahong LU Institute of Chinese Medical Sciences, University of Macau, Macau <i>Talk Title: Enhancement of Macrophage Efferocytosis as a New Strategy for Inflammatory Bowel Disease</i></p>
17:20	17:40	<p>Yehuda G. ASSARAF Faculty of Biology, Technion – Israel Institute of Technology, Israel University of Macau Distinguished Visiting Scholar (UMDVS), Faculty of Health Sciences, University of Macau, Macau <i>Talk Title: Molecular Basis of Antifolate Resistance via FPGS Inactivation: Towards Targeted Precision Medicine</i></p>
17:40	18:00	<p>Wakam CHANG Faculty of Health Sciences, University of Macau, Macau <i>Talk Title: Intrinsic and Extrinsic Regulations of Migratory Cell Polarity in Aging</i></p>

Day 2: 14th Jun 2024 (FRI) – AM

Venue: N2 - University Hall

From	To	
08:30	9:00	註冊 Registration/ 嘉賓接待 Guest Reception
		第十屆澳門生物醫學科學研討會開幕禮 Opening Ceremony of the 10th Macau Symposium on Biomedical Sciences
09:00	09:30	澳門大學副校長（研究）葛偉教授致歡迎辭 Welcome Remarks delivered by Prof. Wei GE Vice Rector (Research) of the University of Macau
		澳門大學健康科學學院院長鄧初夏教授進行大會簡介 Programme Introduction delivered by Prof. Chuxia DENG Dean of the Faculty of Health Sciences of the University of Macau
		大合照 Group Photo
09:30	12:40	Plenary Session ONE Session Chair: Chuxia DENG
09:30	10:10	Xiao-Fan WANG (Keynote) Donald and Elizabeth Cooke Professor of Experimental Oncology, Duke University, USA <i>Talk Title: M Discovery of Novel Mechanisms to Enhance Efficacy for Anti-cancer Immunotherapy</i>
10:10	10:40	Manuel VALIENTE Brain Metastasis Group of National Cancer Research Center, Spain <i>Talk Title: Strategies to Challenge Brain Metastasis Lethality and to Improve Quality of Life in Mice and Human</i>
10:40	11:10	Keji ZHAO Epigenome Biology, National Heart, Lung, and Blood Institute (NHLBI), USA <i>Talk Title: Detection, Function, and Regulation of Chromatin Loops</i>
11:10	11:40	Coffee Break
11:40	12:10	Di YU Paediatric Immunotherapy and Ian Frazer Centre for Children's Immunotherapy Research, University of Queensland, Australia <i>Talk Title: The Interaction between Systemic Metabolism and Ferroptosis Shapes T Cell Function in Immunity</i>
12:10	12:40	Cantas ALEV Institute for the Advanced Study of Human Biology (ASHBi), Kyoto University, Japan <i>Talk Title: Reconstituting Human Axial Development & Disease in Vitro</i>

Day 2: 14th Jun 2024 (FRI) – PM

From	To	Venue: N2 - University Hall
14:30	16:00	Session TWO - Stem Cell, Gene & Cell Therapy
*Total 90 min, around 22 min per talk (included Q&A)		Session Chair: Ren-He XU and Guokai CHEN
14:30	14:52	Jinyu LIU School of Public Health, Jilin University, Jilin <i>Talk Title: Hair follicle Stem Cells: From Basic Research To Clinical Trial</i>
14:52	15:14	Jonathan Yui Han LOH A*STAR IMCB, Singapore <i>Talk Title: Deciphering Single-cell m6A Methylome Landscape in Cell Fate Identity</i>
15:14	15:36	Paul Kwong-Hang TAM Macau University of Sciences & Technology, Macau <i>Talk Title: Regenerative medicine for newborn diseases</i>
15:36	16:00	Ren-He XU Faculty of Health Sciences, University of Macau, Macau <i>Talk Title: hESC derived MSCs for Therapeutic Application, Chimeric Study, and Cancer Research</i>
16:00	16:30	Coffee Break
16:30	18:00	Session THREE - Fungal Biology, Infection and Application
*Total 90 min, around 18 min per talk (included Q&A)		Session Chair: Chris Koon Ho WONG
16:30	16:48	Kap-Hoon HAN Woosuk University, Korea <i>Talk Title: Sexual development and ascospore formation of Aspergillus nidulans</i>
16:48	17:06	Yit Heng CHOOI The University of Western Australia, Australia <i>Talk Title: Unveiling the Extended Phenotype: Linking genes to secondary metabolites and pathogen-host interactions</i>
17:06	17:24	Chris Koon Ho WONG Faculty of Health Sciences, University of Macau, Macau <i>Talk Title: What Does a Fungal Pathogen Do to Survive and Grow Inside a Macrophage?</i>
17:24	17:42	Ningning LIU School of Medicine, Shanghai Jiao Tong University, Shanghai <i>Talk Title: The Fungus Lurking Inside Tumor</i>
17:42	18:00	Marta Filipa SIMÕES State Key Laboratory of Lunar and Planetary Sciences, Macau University of Science and Technology, Macau <i>Talk Title: The Impact of Fungi in Space Exploration – Insights on Astromycology</i>

Day 3: 15 th Jun 2024 (SAT) – AM		
From	To	Venue: N2 - University Hall
09:00	10:30	Session FOUR - Bioimaging and Biomaterials
*Total 90 min, around 18 min per talk (included Q&A)		Session Chairs: Tzu-Ming LIU and Yunlu DAI
09:00	09:18	Michael Chengzhong YU University of Queensland, Australia <i>Talk Title: Nanoimmunochemistry: Modulating Tumor Immunosuppressive Microenvironment for Boosting Cancer Immunotherapy</i>
09:18	09:36	Wei WEI Institute of Process Engineering, Chinese Academy of Sciences, Beijing <i>Talk Title: Innovative Formulation Engineering for Clinical Translation</i>
09:36	09:54	Wei ZHENG Shenzhen institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen <i>Talk Title: Short-wavelength excitation two-photon microscopy of endogenous fluorophores in biological sample</i>
09:54	10:12	Long JIN Jinan University, Jinan <i>Talk Title: Head-mounted photoacoustic fiberscopes for cerebral imaging on freely moving mice</i>
10:12	10:30	Tzu-Ming LIU Faculty of Health Sciences, University of Macau, Macau <i>Talk Title: Label-free Diagnosis of Diabetes with Multiphoton Metabolic Imaging of Adipose Tissues</i>
10:30	11:00	Coffee Break
11:00	12:30	Session FIVE - Chromatin and Transcription Regulation in Disease
*Total 90 min, around 18 min per talk (included Q&A)		Session Chair: Edwin CHEUNG
11:00	11:18	Jiemin WONG East China Normal University, Shanghai <i>Talk Title: Histone Lysine Acylations and Their Critical Roles in Transcriptional Regulation and Diseases</i>
11:18	11:36	Melissa Jane FULLWOOD School of Biological Sciences, Nanyang Technological University, Singapore <i>Talk Title: Investigating the 3D genome organization of super-silencers in the human genome</i>
11:36	11:54	Yinghui LI School of Biological Sciences, Nanyang Technological University, Singapore <i>Talk Title: Unraveling the Role of Non-canonical NF-κB Signalling in the Cancer Epigenome</i>
11:54	12:12	Satoshi INOUE Department of Systems Aging Science and Medicine, Tokyo Metropolitan Institute for Geriatrics and Gerontology, Japan <i>Talk Title: New roles of Transcription Factors in Prostate Cancer Progression Revealed by Epigenetics and Liquid-liquid Phase Separation Analyses</i>
12:12	12:30	Edwin Chong Wing CHEUNG Faculty of Health Sciences, University of Macau, Macau <i>Talk Title: Androgen Receptor Coregulator Function in Castrate Resistant Prostate Cancer</i>

Day 4: 15th Jun 2024 (SAT) – PM

Venue: N2 - University Hall

14:00		14:30		Short talk for poster			
14:30		16:00		Session SIX - Cancer Research			
*Total 90 min, around 18 min per talk (included Q&A)				Session Chairs: Elaine LEUNG			
14:30	14:48	<p style="text-align: center;">Wenhua LIANG The First Affiliated Hospital of Guangzhou Medical University, Guangzhou <i>Talk Title: New solutions for lung cancer early management</i></p>					
14:48	15:06	<p style="text-align: center;">Lei DAI Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, Shenzhen <i>Talk Title: Precision engineering of the human gut microbiome</i></p>					
15:06	15:24	<p style="text-align: center;">Jack Chun Ming WONG State Key Laboratory of Liver Research, Department of Pathology, The University of Hong Kong, Hong Kong <i>Talk Title: Deregulation of RNA m6A modification in liver cancer and its therapeutic potential</i></p>					
15:24	15:42	<p style="text-align: center;">Xueni SUN School of Pharmacy, Hangzhou Normal University, Hangzhou <i>Talk Title: DRNPC: Natural Product-based Drug Combination and Its Disease-specific Molecular Regulation</i></p>					
15:42	16:00	<p style="text-align: center;">Elaine LEUNG Faculty of Health Sciences, University of Macau, Macau <i>Talk Title: Targeting gut microbiota and application of natural product for cancer therapy</i></p>					
16:00	16:30	Coffee Break					
16:30		18:00		Session SEVEN - Technology Development and Cancer Research			
*Total 90 min, around 18 min per talk (included Q&A)				Session Chairs: Kai MIAO			
16:30	16:48	<p style="text-align: center;">Peng HU Shanghai Ocean University, Shanghai <i>Talk Title: Decoding RNA Dynamics and DNA (de)methylation: One Cell at a Time</i></p>					
16:48	17:06	<p style="text-align: center;">Xiang YU School of Life Sciences and Biotechnology, Shanghai Jiao Tong University, Shanghai <i>Talk Title: Knowledge-informed deep learning for Accurate Cell Status Annotation and disease diagnosis</i></p>					
17:06	17:24	<p style="text-align: center;">Xiaofei LI Shanghai Jiao Tong University, Shanghai <i>Talk Title: Trained Immunity in Chronic Inflammatory Diseases/Comorbidities and Tumors</i></p>					
17:24	17:42	<p style="text-align: center;">Qihui WU School of Medicine, Tongji University, Shanghai <i>Talk Title: Impaired Endolysosomal Functions in Lewy Body Disorders</i></p>					
17:42	18:00	<p style="text-align: center;">Kai MIAO Faculty of Health Sciences, University of Macau, Macau <i>Talk Title: Single Cell Lineage Tracing in Cancer Research</i></p>					