

# Poster Presentations

## EPMA World Congress 2024

The posters are placed on display for the entirety of the Congress.

Lobby of Library Lecture Theater

**Baixin Chen** (陈柏欣), Shantou University Mental Health Center

*Different roles of homocysteine metabolism in hypertension among normal-weight and obese patients with obstructive sleep apnea*

**Chunlu Chen** (陈春露), The First Affiliated Hospital of Shantou University Medical College

*Stress Hyperglycemia Ratio is Associated with Poor Prognosis in critically ill Patients with Sepsis Associated Acute Kidney Injury*

**Hongjiang Chen** (陈洪江), The First Affiliated Hospital, Shantou University Medical College

*Mg<sup>2+</sup> mediates PRP to promote tendon-bone healing after anterior cruciate ligament reconstruction*

**Jiamin Chen** (陈家敏), The Seventh Clinical Medical College of Guangzhou University of Chinese Medicine

*Red stove dialysis jars combined with dietary treatment for obesity: a randomized controlled trial*

**Le Chen** (陈乐), Shantou University Mental Health Center

*Association between EEG Power during Sleep and Attention Levels in Patients with Major Depressive Disorder*

**Xiaohong Chen** (陈晓虹), Edith Cowan University

*Mendelian randomization study and genetic co-localization infer the effects of circulating proteins on gout*

**Yaokun Chen** (陈耀坤), The Second Affiliated Hospital of Shantou University Medical College

*Identification of RESP18 Gene Mutations Linked to Hereditary Non-Syndromic Cleft Lip and Palate in a Southern Chinese Family*

**Yanyuan Dai** (戴妍源), Shantou University Mental Health Center

*A meta-analysis of the association between insomnia with objective short sleep duration and risk of hypertension*

**Xiong Ding** (丁雄), Wuhan University

*Dual-Trajectory of Body Roundness Index and Fasting Plasma Glucose with Cardiovascular Disease: A Prospective Cohort Study*

**Siqi Ge** (盖思齐), Baheal Glycometech Technology Co., Beijing, China

*Causal relationship between kidney function and risk of stroke: a Mendelian randomization study*

**Qianfei Gu** (顾倩菲), Shantou University Mental Health Center

*Association between parenting styles and dyslexia in primary school students: the mediating role of home literacy environment*

**Jiubiao Guo** (郭九标), The First Affiliated Hospital of Shantou University Medical College

*Mycobacterium tuberculosis Rv0045c modulates host IL-1 $\beta$  via NFKB pathway to boost its in vivo survival*

**Lingbin He** (何凌滨), the First Affiliated Hospital of Shantou University Medical College

*FOXO3 is essential for oxidative stress response in human embryonic stem cells caused by environmental oxygen fluctuation*

**Xianbing Hou** (侯献兵), Hebei Province Cangzhou Combined Traditional Chinese and Western Medicine Hospital  
*Practices and Experiences of World Traditional Medicine Forum (WTMF) in Applying New Media for International Exchange and Cooperation in traditional Chinese medical science*

**Xinyi Huang** (黄欣仪), The First Affiliated Hospital of Shantou University Medical College  
*piRNA, a promising biomarker in detection of digestive diseases*

**Chen-Xi Jia** (贾晨希), The First Affiliated Hospital of Shantou University Medical College  
*Low oxygen tension slows down the aging process of human umbilical cord derived-mesenchymal stem cells during serial passaging*

**Ai Li** (李艾), Shantou University Mental Health Center  
*Improve the Public Awareness of ADHD and Increase the Contact Coverage for ADHD Children: An implementation Study in Shantou, Guangdong, China*

**Yueyang Li** (李悦杨), The First Affiliated Hospital of Shantou University Medical College  
*The expression of Immunoglobulins in human embryonic stem cell-derived cardiomyocyte and preliminary function exploration*

**Zi-cheng Liang** (梁梓诚), The Second Affiliated Hospital of Shantou University Medical College  
*The prognosis and treatment of breast cancer with bone metastasis: a population-based study from SEER database*

**Haoyu Lin** (林豪雨), The First Affiliated Hospital of Shantou University Medical College  
*Molecular Mechanism of CD146 Nanobody in Tumor Metastasis Inhibition mediating by IL-6/JAK/STAT3 signaling in Triple-negative Breast Cancer*

**Yongluan Lin** (林湧栾), The First Affiliated Hospital of Shantou University Medical College  
*A Novel Mechanism for Preventing Cardiac Hypertrophy*

**Aiwei Ma** (马爱微), The Second Affiliated Hospital of Shantou University Medical College  
*GRASLND regulates melanoma cell progression by targeting the miR-218-5p/STAM2 axis*

**Jifei Miao** (苗纪飞), Shenzhen Bao'an Traditional Chinese Medicine Hospital  
*Paeonol enhances macrophage phagocytic function by modulating lipid metabolism through the P53-TREM2 axis*

**Seungyoul Oh**, Edith Cowan University  
*Unravelling Cellular Heterogeneity in Diabetes: Insights from Single-Cell RNA Sequencing*

**Sandip Patil**, Shenzhen Children's Hospital  
*Genetic Landscape of ESBL-Producing Cephalosporin-Resistant International Clone Escherichia coli ST410 Isolates in Pediatric Infections*

**Shuyi Qiu** (邱淑仪), Cancer Hospital of Shantou University Medical College  
*Analysis of the prognostic value of serum uric acid levels and dynamic changes in endometrial cancer patients based on the joint model*

**Yanping Ren**, Remote Area Nurse, Palliative Care Nurse, Registered Nurse, Australia  
*Prevention of Skin Infectious in Remote Indigenous Communities in Australia*

**Manshu Song**, Edith Cowan University

*Altered IgG N-glycosylation Profiles Demonstrate biomarker potential in Hypertension and Type 2 Diabetes Mellitus among Chinese Muslim Ethnic Minorities and Han Chinese*

**Yuan Sun (孙源)**, The First Affiliated Hospital of Shantou University Medical College

*Enhanced Adipogenesis by Inhibiting Vacuolar H<sup>+</sup>-ATPase subunit V1H Prevents Diet-induced Obesity and Hepatosteatosis*

**Yuan Sun (孙源)**, The First Affiliated Hospital of Shantou University Medical College

*Vacuolar H<sup>+</sup>-ATPase Subunit ATP6AP2 Couples Chaperone-mediated Autophagy to Hepatic Regulation of Glycogenolysis and Gluconeogenesis*

**Cuihong Tian (田萃红)**, The First Affiliated Hospital of Shantou University Medical College

*Diagnostic accuracy of autoverification and guidance system for COVID-19 RT-PCR results*

**Binhao Wang (王斌灏)**, Cancer Hospital of Shantou University Medical College

*Multifunctional HIFU nano-enhancer for the treatment of Graves' disease*

**Danmin Wang (王丹敏)**, The First Affiliated Hospital of Shantou University Medical College

*Endothelial mesenchymal transition promotes pannus formation in ankylosing spondylitis by activation of TGF- $\beta$ /SMAD signaling pathway*

**Hao Wang (王皓)**, Capital Medical University

*Bi-directional Two-sample Mendelian Randomization Study*

**Wende Wang (王文德)**, Cancer Hospital of Shantou University Medical College

*Calumenin (CALU) Modulates the Hippo/YAP Signaling Pathway to Augment Cell Migration in Triple-Negative Breast Cancer Cells*

**Xinyue Wang (王馨悦)**, Shandong First Medical University & Shandong Academy of Medical Sciences

*Bidirectional relationship between triglyceride-glucose index and blood pressure and their joint cumulative effect on stroke risk in middle-aged and elderly Chinese*

**Xuewen Wang (王雪雯)**, The Second Affiliated Hospital of Shantou University Medical College

*Evaluation of the Glymphatic System Using the DTI-ALPS index in Children with Short Stature*

**Jun Wu (吴骏)**, Shantou University Mental Health Center

*The impact of COVID-19 on subjective and objective sleep in the general population: a prospective longitudinal study*

**Jiezhou Ye (叶杰洲)**, Shantou University Medical College

*Corilagin inhibits necroptosis by attenuating the RIPK1/RIPK3/MLKL pathway and confers protection against sepsis-induced acute lung injury in mice*

**Guoshu Yin (鄞国书)**, The First Affiliated Hospital of Shantou University Medical College

*Alterations of bacteriome, mycobiome and metabolome characteristics in PCOS patients with normal/overweight individuals*

**Xinwei Yu (于鑫玮)**, Capital Medical University

*Biomarkers of Aging: Hopes from Glycomics and Unraveling the Sugar Code*

**Jinxia Zhang (张金霞)**, Edith Cowan University

*Perspectives and needs on lifestyle Interventions for the Dementia Prevention and the Potential Role of Mobile Health (mHealth) interventions in China: A Qualitative Study*

**Mingzhu Zhang** (张明珠), Shandong First Medical University & Shandong Academy of Medical Sciences  
*Changes in the triglyceride glucose-body mass index estimate the risk of hypertension among the middle-aged and older population: a prospective nationwide cohort study in China*

**Xixun Zhang** (张喜恂), The First Affiliated Hospital of Shantou University Medical College  
*The causality between diabetes and breast cancer: a Mendelian randomization study*

**Yiwen Zhang** (张逸文), The Second Affiliated Hospital of Shantou University Medical College  
*A multifunctional nanocomposite hydrogel with controllable sustained release properties enhances bone regeneration*

**Yuanta Zhang** (张元涛), The First Affiliated Hospital of Shantou University Medical College  
*Mechanism of Piezo1 in the Treatment of Diabetic Foot Ulcers Using the Ilizarov Principle*

**Jing Zhao** (赵晶), The Second Affiliated Hospital of Shantou University Medical College  
*USP45 Represses Melanoma Development by Deubiquitinating and Stabilizing Tumor Suppressor MRGPRF*

**Wenhao Zhao** (赵文浩), Shandong First Medical University & Shandong Academy of Medical Sciences  
*Anxiety and depression mediate the effect of health behaviors on frailty: evidence from a Chinese older adult cohort*

**Yinglin Zhao** (赵颖琳), Shantou University Mental Health Center  
*The Role of the PI3K/Akt and JAK/STAT Signaling Pathways in Regulating Hair Growth in Mice Experiencing Chronic Stress*

**Wen-tao Zhu** (朱文韬), The First Affiliated Hospital of Shantou University Medical College  
*The role of caffeine in improving NAFLD based on gut microbiota*

**Maolin Wang** (王茂林), The First Affiliated Hospital of Shantou University Medical College  
*Zinc finger protein 280C contributes to colorectal tumorigenesis by maintaining epigenetic repression at H3K27me3-marked loci*

**Ruijie Wu** (吴锐洁), The First Affiliated Hospital of Shantou University Medical College  
*Study on the relationship between uterine fibroids and hypertension*