

# **JOIN US:**

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## INTRODUCTION \_

Shanghai Institute of Precision Medicine (SHIPM) is established in August 2016 to align with the goal of developing Shanghai into a science innovation center. SHIPM belongs to Shanghai Jiao Tong University School of Medicine and is affiliated with Shanghai 9th People's Hospital. Dr. Ming Lei, one of "Thousand Talent Program for Outstanding Scientists", is the Executive Director of SHIPM. As a subsidiary institute to Shanghai Jiao Tong University School of Medicine, SHIPM has built its scientific research team dedicated to promoting the precision prevention, diagnosis and therapy against severe chronic diseases threatening human health, such as cancer, metabolic diseases, neurodegenerative diseases, cardiovascular diseases, etc., by orchestrating the power of the basic and translational research to address questions in life science. SHIPM has established six cutting-edge research facilities in the fields of Protein Engineering, Mass Spectroscopy, Electron Microscopy, Bio-imaging, Chemical Biology and Bioinformatics. In an effort to become a precision medicine research hub with global influence, SHIPM is conducting extensive international cooperation and students exchange activities with Harvard Medical School, Yale Medical School and the University of Michigan.

## LEADERSHIP \_



# Director WU Hao / 吴皓



Professor, Shanghai Jiao Tong University School of Medicine
President, Shanghai Ninth People's Hospital, Shanghai Jiao Tong University School of Medicine
Director, Ear Institute, Shanghai Jiao Tong University School of Medicine

Chair, Department of Otolaryngology Head and Neck Surgery, Shanghai Jiao Tong University School of Medicine



#### Executive Director LEI Ming/雷鸣



Professor, Shanghai Jiao Tong University School of Medicine Scholarship of Thousand Talents Program The National Science Fund for Distinguished Young Scholars Council Member, Asia Pacific Protein Association Executive Editor, Science Bulletin

# RESEARCH FIELDS \_\_\_\_\_



Reproductive Medicine & Chromatin



Regenerative Medicine & Development



Cancer Medicine & Epigenetics



Osteopathic medicine & Synthetic Biology



Molecular Pathology & Targeted Medicines



Otology / Ophthalmology & Brain Science

## OUR RESEARCH TEAM \_



Dr. BIAN Qian

Ph.D., Professor, Principal Investigator **Research Focus:** 3D Genome Architecture, Epigenetics, Ageing



Dr. HUA Yunfeng

Professor, Principal Investigator **Research Focus:** Study neuronal circuit ultrastructural basis of auditory brain function and diseases



Dr. LEI Ming

Executive Director, Professor, Principal Investigator Scholarship, National Thousand Talents Program **Research Focus:** Telomere and chromosomal stability; chromatin structure and cancer



Dr. CAO Yu

Professor, Principal InvestigatorScholarship, National Thousand Youth Talents Program **Research Focus:** Metabolic process within membrane; drug discovery



Dr. HUANG Jing

Professor, Principal InvestigatorScholarship, National Thousand Youth Talents Program Research Focus: Epigenetics and Cancer Biology



Dr. WU Jian

Professor, co-Principal Investigator **Research Focus:** Telomere and chromosomal stability; chromatin structure and cancer

# OUR FACILITY \_

SHIPM has established six cutting-edge research facilities in the fields of Protein Engineering, Mass Spectroscopy, Electron Microscopy, Bio-imaging, Chemical Biology and Bioinformatics.







