

# Welcome to Tongji Medical College of HUST!

Office of International Affairs

# Location of Huazhong (Central China)



## WUHAN

The Capital of Hubei Province

A Megacity with a population of **13 million**

Industrial, Educational, Cultural and Transportation Hub

**No. 19** in the Top **200** Science Cities Ranking by Nature

**84** HEI with more than **1.3 million** university students

A reputation as “**the City of Wetland**”

# HUST at a Glance

1,399

Professors



1,468

Associate Professors



29,320

Undergraduate Students



30,272

Graduate Students



3,090

International Students



3

Campuses

USD553 Million

Research Fund

## INTERNATIONAL RANKINGS



Shanghai  
Ranking 2022

~~#8~~  
#96



US NEWS  
Ranking 2023  
(Chinese universities)

~~#6~~  
#106



Times Higher Education  
World University Rankings  
2022  
(Chinese universities)

#10

# Academic Disciplines

## 10 Fields of Disciplines

SCIENCE      EDUCATION      ENGINEERING  
MEDICINE      PHILOSOPHY      ECONOMICS      LAW  
LIBERAL ARTS      MANAGEMENT      LITERATURE

112 undergraduate programs

201 master programs

236 PhD programs

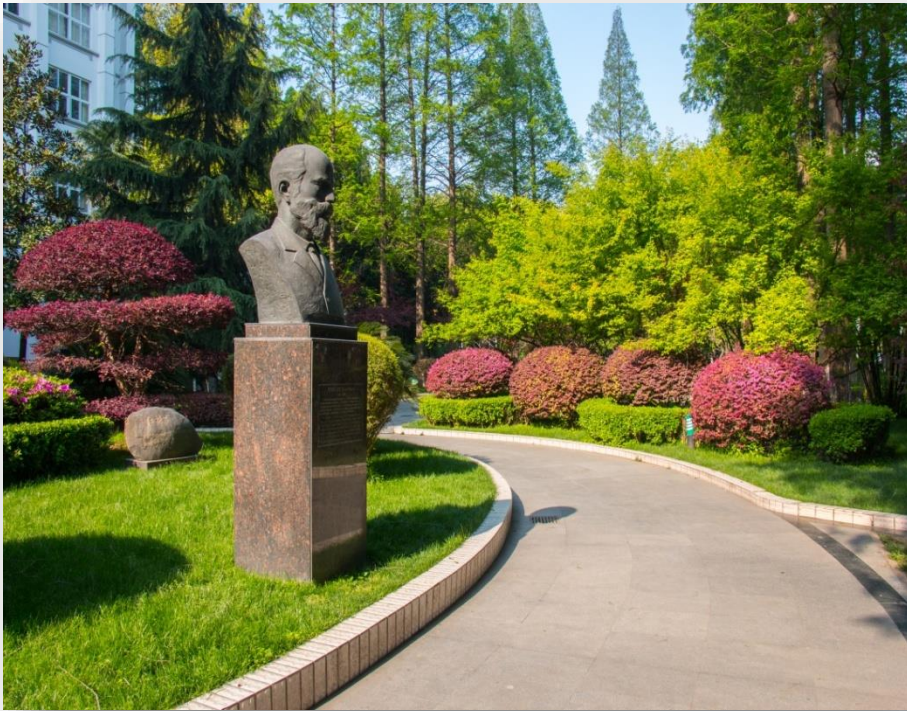
39 post-doctoral research centers

7 National Key First-level Disciplines

15 National Key Sub-Disciplines

# General Introduction of TJMC

## Tongji Medical College of HUST



**Dr. Erich PAULUN**  
First rector of Tongji Medical College



**Prof. Dr. QIU Fazu**  
Father of surgery in China

# TJMC - History

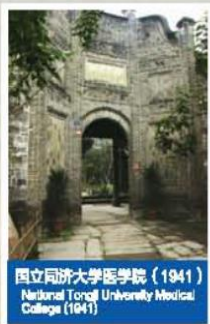
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同济历史 百年征程  
HISTORY OF TONGJI UNIVERSITY FOR THE CENTENNIAL

纪念同济大学建校110周年



## SCHOOL HISTORY



国立同济大学医学院 (1941)  
National Tongji University Medical College (1941)



华中科技大学同济医学院 (2000)  
Tongji Medical College, HUST (2000)



同济医科大学 (1985)  
Tongji University of Medicine (1985)



武汉医学院 (1955)  
Wuhan Medical College (1955)



中南同济医学院 (1951)  
Zhongnan Tongji Medical College (1951)



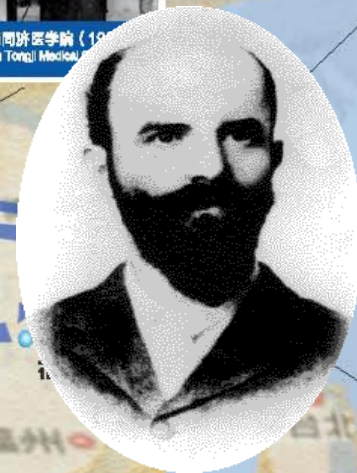
上海德文医学堂 (1907)  
German Medical School for Chinese in Shanghai (1907)



同济工学校 (1917)  
Tongji Technical College of Medicine and Engineering (1917)



国立同济大学医学院 (1927)  
National Tongji University Medical College (1927)



Dr. Erich Paulun



上海德文医学堂 (1907) — 同济工学校 (1917年) — 国立同济大学医学院 (1927) — 中南同济医学院 (1951) — 武汉医学院 (1955) — 同济医科大学 (1985) — 华中科技大学同济医学院 (2000)

German Medical School for Chinese in Shanghai (1907) — Tongji College of Medicine and Engineering (1917) — National Tongji University Medical College (1927) — Zhongnan Tongji Medical College (1951) — Wuhan Medical College (1955) — Tongji University of Medicine (1985) — Tongji Medical College, HUST (2000)

## **TJMC - Beautiful Campus**

**Center of downtown,  
picturesque scenery, known as “Gardenlike Campus”.**





# TJMC - Figures

500

Acres

52%

Greenery Coverage



15

Undergraduate Programs

4400+

Undergraduate Students

5500+

Graduate students

67

Master Programs

581

International students

2000+

Full-time Faculty

660+

Full Professors

830+

Associate Professors

64

Doctor Programs

**TJMC - Famous Alumni**

——Academicians once studied or worked at TJMC



**QIU Fazu**



**WU Mengchao**



**WU Min**



**HOU Yunde**



**ZHANG Disheng**



**HU Bingchang**



**ZHOU Honghao**



**YANG Baofeng**



**HU Shengshou**



**MING Guoli**



**CHEN Xiaoping**

- Director of the Institute of Hepato-pancreato-biliary Surgery and Hepatic Surgery Center of Tongji Hospital



**MA Ding**

- Chairmen of Department Obstetrics and Gynecology of Tongji Hospital
- Top specialist in diagnosis and treatment of gynecological tumors and gynecological diseases



**WU Tangchun**

- Dean of the Tongji Medical College
- Specialist in Environmental and Occupational Health

# TJMC - 8 Schools / Departments



**School of Basic Medicine**



**School of Public Health**



**School of Pharmacy**



**School of Medicine & Health Management**



**School of Nursing**



**School of Stomatology**



**Department of Forensic Medicine**



**Institute of Reproductive Health**



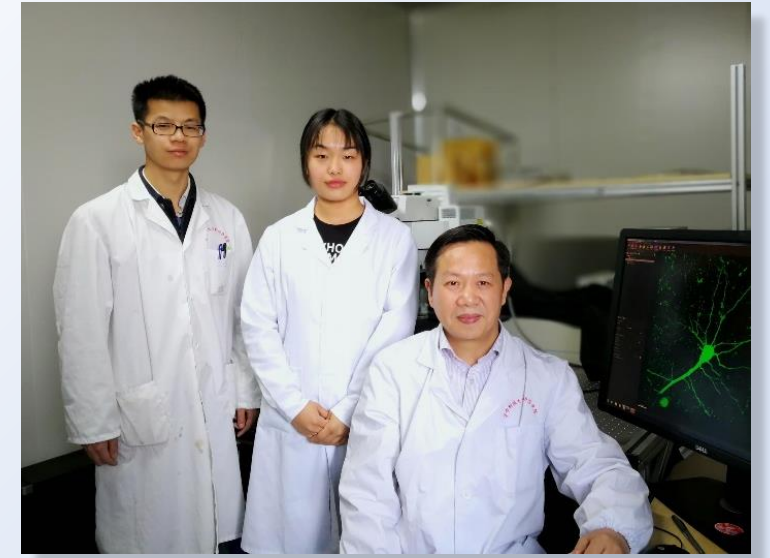
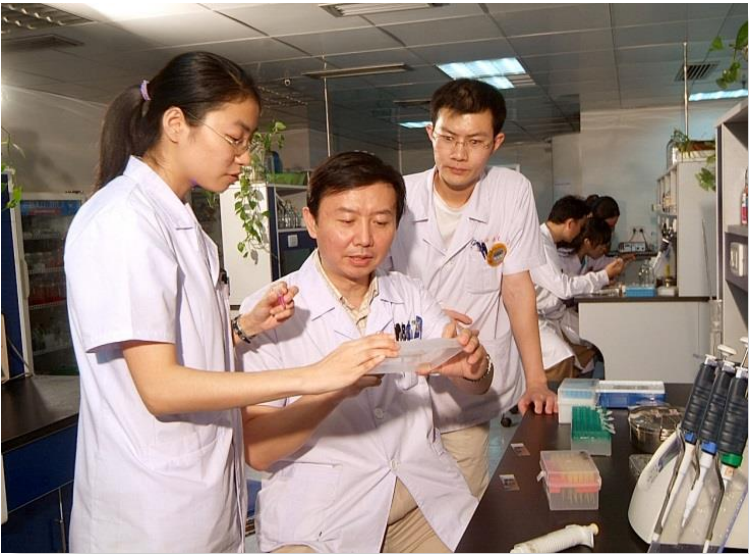
## **TJMC - Key Disciplines**

<b>3 “Double First-Class” Disciplines</b>	Public Health and Preventive Medicine
	Basic Medicine
	Clinical Medicine
<b>5 Class A Disciplines</b>	Public Health & Preventive Medicine
	Biomedical Engineering
	Clinical Medicine
	Biology
	Public Management

## **TJMC - Research**

- 3 national key research stations
- 35 provincial and ministerial key scientific research bases
- 31 clinical research centers in Hubei Province

**One of medical schools attained most research grants from the National Natural Science Foundation.**



## TJMC - 10 Affiliated Hospitals



**Union Hospital**  
Ranks #9 in China



**Tongji Hospital**  
Ranks #6 in China

- ◆ Total Beds: 27,053
- ◆ Annual Outpatients: 25.2 Million
- ◆ Annual Inpatients: 1.2 Million
- ◆ Annual Operations: 479,600+



**Liyuan Hospital**



**9000** Employees



**62** Clinical & paramedical departments



**2** National medical research center



**6057** Beds



**1** Training and research center of WHO



**3** Key labs of ministry level

Sino-French New City campus



Optical Valley campus



Main campus





## Medical Workload



Outpatient & Emergency visits in 2022

**4,800,000**



Inpatients discharged in 2022

**283,000**



Surgeries in 2022

**113,000**

## Teaching & Education

**856** Undergraduates

**1418** Master & Ph.D. Candidates

Employment rate of students with  
eight-year education

**100%**

Employment rate of Ph.D. students

**100%**

Employment rate of Master students

**96.1%**

## Establishing 3 Clinical Treatment Bases

- Base for surgical treatment
- Base for treating critical cases
- Base for the international patients

## Build 5 platforms

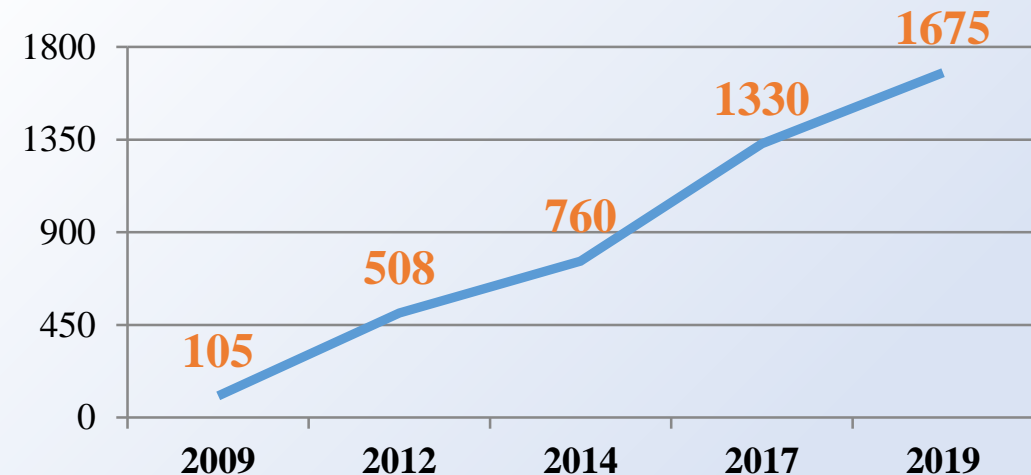
- Minimally invasive diagnosis and treatment platform
- Organ transplantation platform
- Efficient emergency system platform
- Tumor prevention & control platform
- Precision diagnosis and treatment platform

## National Medical Center of Major Public Health Events

- Established on April 26, 2020

## State Key Laboratory for Diagnosis and Treatment of Severe Zoonotic Infectious Diseases

## International Medical Service - Statistic of Foreign Patients

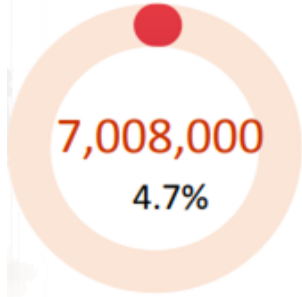


# TJMC - Union Hospital

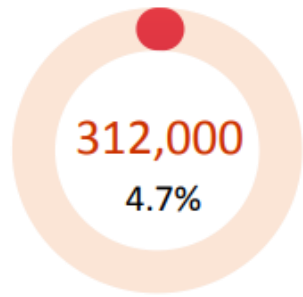


华中科技大学  
同济医学院

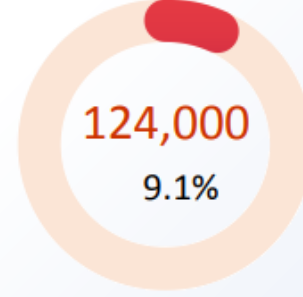
協和醫院



Outpatients



Admissions



Operations

**4**  
Campuses

**6400**  
Licensed Beds

**49**  
Clinical Depts.



**16**  
Institutes

**103**  
Laboratories

**7718**  
Staff



Cancer Center



West  
Campus



Jinyinhu  
Campus

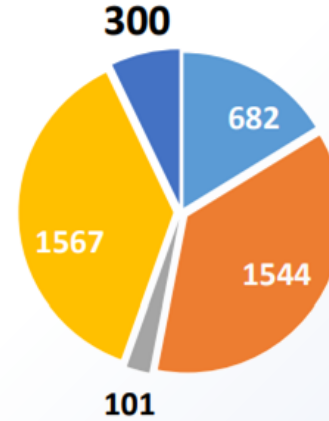
## Research Facilities

- 1 Key lab of the Ministry of Education
- 1 Key lab of the National Commission of Health
- 3 Key labs of Hubei Province
- 1 National Key Innovation Platform (unique in Central China)
- Animal Laboratory, Central Lab, Biobank
- + Translation Medicine Cente

## International Exchange

- 31 Honorary Professors (including 1 Nobel Laureate)
- 5 Joint Research Platforms
- 12 MoUs / Collaboration Agreements
- More than 8 Academic Symposiums per year
- 14 International Collaboration Projects at the national level

## Education - 2022



- Undergraduate Students
- Graduate Students
- International Students
- Resident Doctors
- Refresher Doctors

- Doctoral Mentors 210
- Master Mentors 565



**Treatment of Complex & Severe Diseases**  
**Represented by Organ Transplantation**



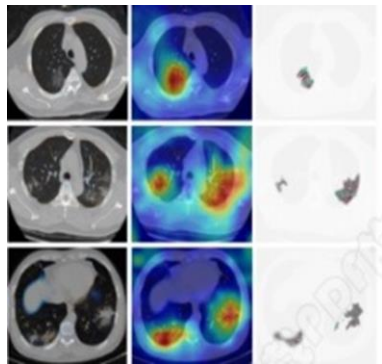
66-day old infant youngest patient in Asia

**Precision Medicine Technology**  
**Represented by Personalized Treatment for Cancer**



Proton Center (under construction)

**Clinical Requirement Oriented**  
**Translational Medicine Technology**



AI-assisted Medical Imaging Diagnosis System

**Minimal Invasive Technology**  
**Represented by Intervention & Endoscopy**



Da-Vinci Robotic Surgical Instrument

# TJMC - Global Collaboration



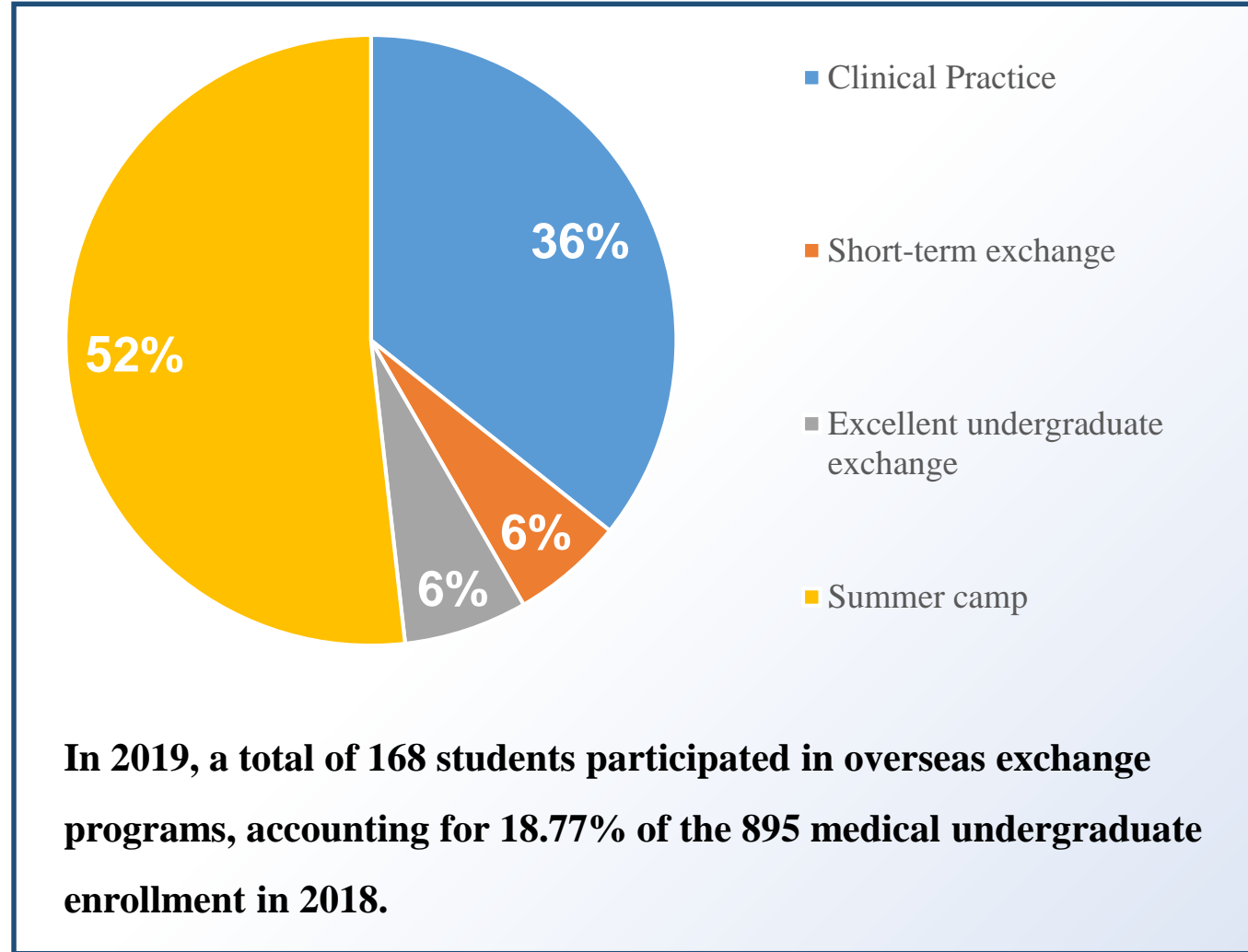
# Global Students - Student Exchange



**Clinical Observation**  
(60 students, 35.7%)



**Excellent undergraduate exchange program, longer than 3 months**  
(11 students, 6.55%)

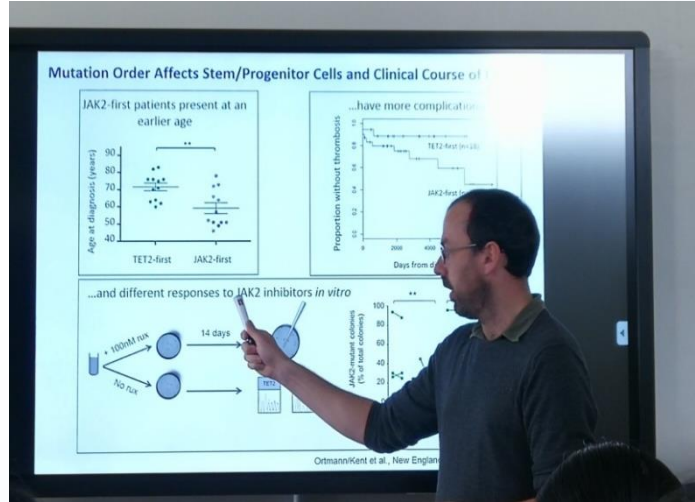
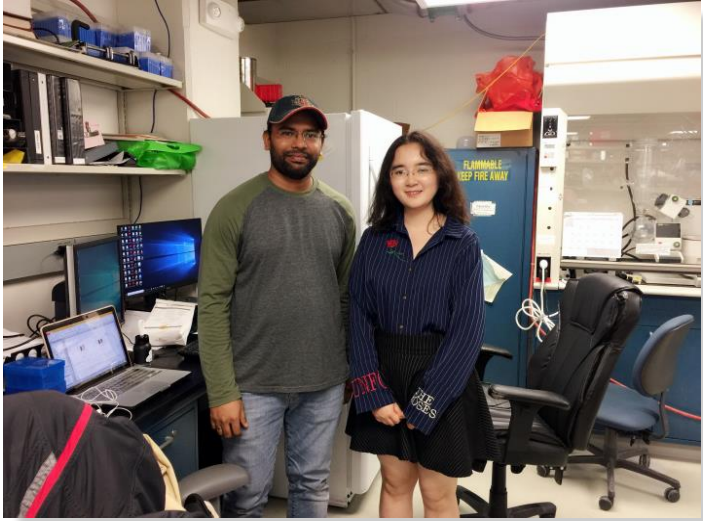


**Short-term exchange**  
(10 students, 5.95%)



**Summer camp**  
(87 students, 51.8%)

# Global Students - Student Exchange





# Global Students - Tongji Summer School



## 华中科技大学2022同济暑期学校闭幕式 Closing Ceremony of 2022 Tongji Summer School, HUST



Please scan the QR code to enroll  
in 2023 Tongji Summer School  
(for HUST teachers and students)



Please scan the QR code to enroll  
in 2023 Tongji Summer School  
(for individuals from outside of HUST)

# 2023 TONGJI SUMMER SCHOOL 2023 同济暑期学校

7月3日—8月4日 July 3—August 4



*Prof. Chris TSELEPIS*

Professor of Biomedical  
Science, Head of School of  
Biomedical Sciences, College  
of Medical and Dental Sciences,  
University of Birmingham,  
Birmingham, the UK.

**Course:** A Tour of the Gastrointestinal  
Tract (胃肠道之旅)

**Time:** 9:00-12:00, July 3-July 7



*Prof. Gil MOR*

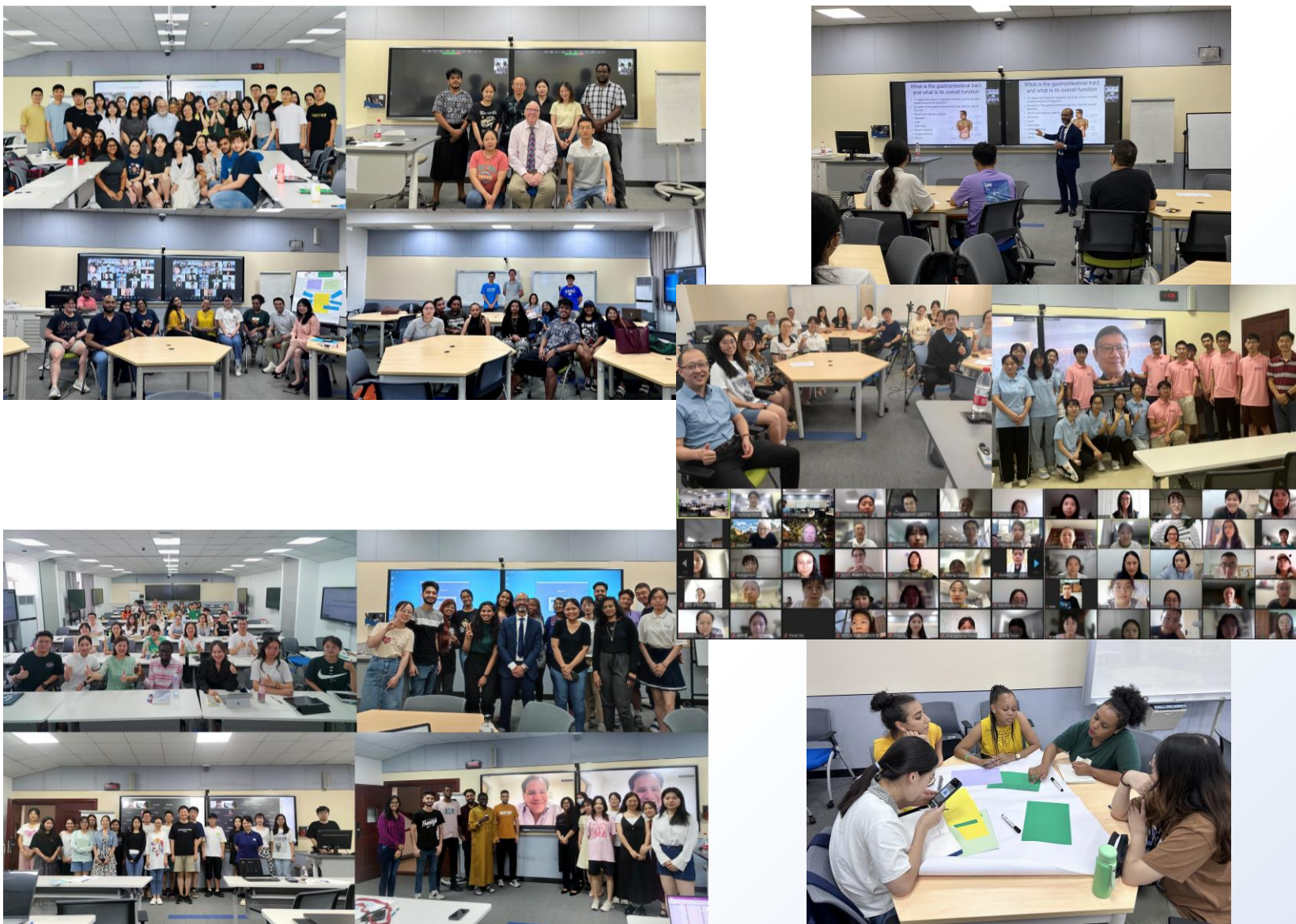
Director of the C.S. Mott Center for  
Human Growth and Development,  
Vice-Chair of the Department of  
Obstetrics and Gynecology,  
Wayne State University,  
Detroit, the USA.

**Course:** The Biology of  
Human Reproduction  
(人类生殖生物学)

**Time:** 9:00-12:00,  
July 31-August 4

TJSS2023

# Global Students - 2023 Tongji Summer School







**TJSS 2023** | Master Class  
大师课堂

## STEM CELLS: PRINCIPLES, PROSPECTS, AND PARADIGM

### 干细胞：原理、前景和范例

讲座时间：2023年7月18日（星期二）20:00（北京时间）

**主讲人：Jon Frampton教授**  
英国伯明翰大学执行副校长（中国事务）、伯明翰大学中国学院院长、干细胞生物学教授，英国牛津大学干细胞生物学客座教授，华中科技大学顾问教授

Zoom: 889 8552 5417  
Password: 707695



**Time of Lecture**

20:00, 18 July (Tuesday), 2023 (Beijing Time)

**About the Speaker**

**Professor Jon Frampton**  
Deputy Pro-Vice Chancellor (China), Director of the China Institute, Professor of Stem Cell Biology, University of Birmingham  
Visiting Professor of Stem Cell Biology, University of Oxford  
Consulting Professor, Huazhong University of Science and Technology

**About the Lecture**

During my presentation, I will provide a brief overview of (i) the biological features that distinguish stem cells from other cell types, (ii) the variety of stem cells and the crucial roles they play throughout life, and (iii) how our understanding of stem cells might be applied as new therapeutic approaches in clinical medicine. In the second part of my talk I will focus on bone marrow haematopoietic stem cells (HSC), which underpin the blood system and have served as a paradigm, shaping much of the methodology and many concepts that led to the expansion of the discipline of stem cell biology over the last half a century. Lastly, I will discuss the direction of the research in my own laboratory, which for more than two decades has been concerned with the mechanisms that regulate the normal behaviour of HSC and how these can be disrupted by inherited or acquired genetic factors leading to blood diseases.



扫描二维码 观看讲座直播  
建议通过ZOOM参会，参与讲座互动  
Zoom: 889 8552 5417  
Password: 707695



# Global Faculty - Faculty Exchange



**Sino-German Tongji Med Workshop  
with Heidelberg University**



**PERCAT Research Gala with  
University of Birmingham**



**Prof. Roggendorf and Prof. Kirschfink  
won Chime Bell Awards  
from Chinese government**

# Global Innovation - Scientific Research Collaboration



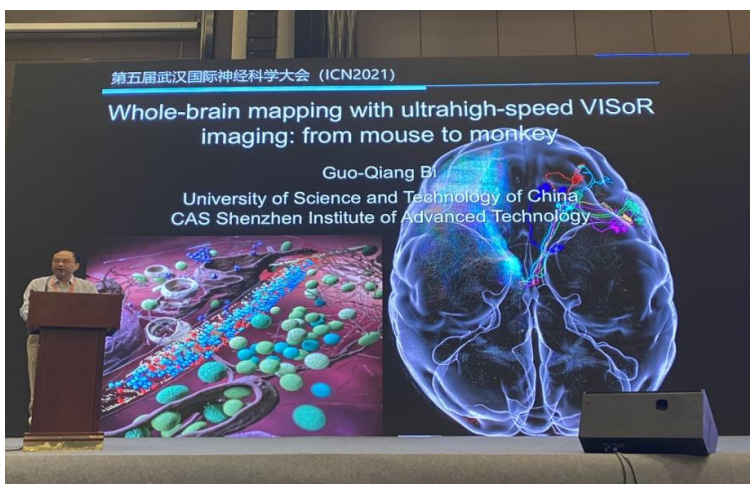
**Joint Sino-German Research Lab for Natural Drug**



**Sino-German Laboratory of personalized Medicine for Pancreatic Cancer**



**Joint International Laboratory of Infection and Immunity**



**5th International Conference of Neuroscience in Wuhan**



**Clinical Pharmacy Lecture**



**Collaboration with Centre Léon Bérard**

# Global Network - Partnerships



**HUST - Heidelberg University Day**



**Sino-German Consortium on Medical Research and Education**



**HUST - Marburg University Day**



**HUST - Duisburg-Essen University Day**



**HUST-UoB Joint Undergraduate Degree Program**



**HUST - Manchester University Day**

# Thank You



Office of International Affairs