

A transformative protocol sets new standards

Integrating basic and clinical research, a new cancer institute established at **PEKING UNIVERSITY** welcomes cross-disciplinary researchers from around the world.



In China, around 70,000 new cases of leukaemia are reported every year. As a leader in haematopoietic stem cell transplantation, a team from Peking University People's Hospital proposed a novel treatment regime, called the 'Beijing Protocol', which prevents graft rejection and the graft-versus-host disease in haploidentical bone marrow transplantation. It is now widely used in China and abroad for leukaemia treatment.

Peking University's (PKU) strengths in cancer research and treatment extend beyond leukaemia to include melanoma, digestive tract, lung, and breast cancers. Spearheading basic, clinical, and pharmaceutical research on cancer, it also proposed guidelines for treating gastric cancer.

To better integrate the university's multidisciplinary forces to address inherent problems in cancer diagnosis

and treatment, Peking University International Cancer Institute (PKUICI) was established in 2019. With support from PKU's schools of basic medical sciences, life sciences, pharmaceutical sciences, public health, and engineering, the Biomedical Pioneering Innovation Center and affiliated hospitals, PKUICI serves as a supporting hub for PKU's cancer research. It uses the latest technologies, including precision medicine,

big data, artificial intelligence, single cell sequencing and molecular imaging.

PKUICI is keen to attract world-class scientists and research teams. It is geared towards becoming a leading cancer research and treatment centre. ■



SEEKING MULTIDISCIPLINARY TALENT

With rich technological, teaching and clinical resources, PKUICI is seeking talented researchers, especially in:

- Tumour biology
- Clinical oncology
- Frontier technology
- Tumour epidemiology
- Haematology
- Tumour immunology
- Oncology pharmacy

Requirements

- A doctorate in relevant areas
- A solid research foundation and outstanding research findings in the area
- An excellent team player in interdisciplinary collaboration
- An aptitude for teaching

Compensation

The university will provide qualified candidates with competitive salary, sufficient start-up funds, laboratory and office space, and other support.

How to apply

Application materials should include:

- A CV with a complete list of publications
- Three letters of recommendation from peer experts
- A statement of research and teaching plans

Enquiries

Peng Wang
Tel: 86-10-82801262
Email: wp1991@bjmu.edu.cn

A FORCE IN CANCER RESEARCH

PKUICI is fully supported by a growing network of PKU resources:

- Connected to **three** comprehensive affiliated hospitals, and **one** specialized cancer hospital
- **43** research bases for cancer research, including **eight** national and **19** provincial platforms
- **200-plus** oncology research experts, more than **60** of which are Chinese Academy of Sciences or Chinese Academy of Engineering members, Changjiang Scholars, or recipients of the National Science Fund for Distinguished Young Scholars
- Has undertaken nearly **300** national research projects on cancer in the past five years, with publications on top journals, including *Nature*, *Science*, *Cell*, and *Lancet Oncology*