

Curated Global Biomedical Opportunities Brief

CGO-26-001

Postdoctoral Researcher Position in Gastrointestinal Inflammation and Cancer Research

National Key Laboratory Research Group | Shanghai Changzheng Hospital, Naval Medical University, China

Category: Curated Global Opportunities

Status: Open

Location: Shanghai Changzheng Hospital, Naval Medical University, Shanghai, China

Position Type: Postdoctoral Researcher

Research Field: Gastrointestinal Cancer, Inflammation-Cancer Transformation, Precision Medicine, Tumor Immunology, Translational Medicine

Shanghai Changzheng Hospital, Naval Medical University is recruiting **postdoctoral researchers** for a National Key Laboratory research group focused on **inflammation-associated gastrointestinal cancer transformation and precision diagnosis and treatment**.

The research group conducts translational studies on the mechanisms, intervention strategies, and precision prediction of **gastrointestinal inflammation-to-cancer transformation** and **gastrointestinal malignancies**. Its research also covers tumor immune microenvironment, treatment sensitivity prediction, early diagnosis, biomarker discovery, and precision oncology.

Research Areas

Potential research directions include:

- Inflammation-associated gastrointestinal cancer transformation
- Gastrointestinal malignancies and translational medicine
- Tumor immune microenvironment
- Precision prediction of treatment sensitivity
- Early diagnosis and intervention of gastrointestinal tumors
- Biomarker discovery and targeted therapy
- Clinical and basic research in digestive diseases

Available Position

Postdoctoral Researcher

The group welcomes highly motivated candidates with strong academic training in biology, medicine, pharmacy, clinical medicine, basic medicine, oncology, gastroenterology, immunology, molecular biology, or related biomedical fields.

Candidate Requirements

Applicants are expected to:

- Hold a PhD degree, or have completed their PhD dissertation defense, in biology, medicine, pharmacy, clinical medicine, basic medicine, or a related field
- Have research experience in gastrointestinal cancer, inflammation-cancer transformation, gastrointestinal malignancies, tumor biology, precision medicine, tumor immunology, molecular biology, or translational medicine
- Have published first-author SCI papers within the past five years, preferably in journals with an impact factor above 5 or Chinese Academy of Sciences Q1 journals
- Be familiar with commonly used translational medicine or precision medicine research methods related to gastrointestinal malignancies
- Be able to support the PI in research projects, grant applications, technical development, and patent applications

Benefits and Support

Benefits will be provided according to the policies of **Shanghai Changzheng Hospital**, including but not limited to:

- Competitive salary package
- Monthly living allowance
- Housing allowance
- Postdoctoral allowance
- Research funding support
- Holiday benefits and annual leave
- Assistance with Shanghai household registration, where applicable
- Opportunities to apply for national, municipal, university, hospital, and military talent

programs

- Potential annual salary above RMB 400,000 for selected outstanding postdoctoral talent program candidates
- Further career development opportunities after completion of postdoctoral training

Application Materials

Interested applicants are encouraged to prepare:

- Curriculum vitae
- List of representative publications
- Expected start date
- Brief future research plan, if available
- Other relevant supporting materials

Please include the opportunity ID **CGO-26-001** when making an inquiry.

Contact / Referral

For referral, application guidance, or further information, please contact our team at:

Email: admin@nbiic.ca

Please include the opportunity ID in your inquiry and attach your CV, research background, and representative publications if available.

CGO-26-002

Postdoctoral Scholar / Research Associate Position in Transplant Immunology and HLA-DQ Research

Tambur Laboratory | Northwestern University Feinberg School of Medicine, USA

Category: Curated Global Opportunities

Status: Open

Location: Northwestern University Feinberg School of Medicine, Chicago, Illinois, USA

Position Type: Postdoctoral Scholar / Research Associate

Research Field: Transplant Immunology, HLA-DQ, Histocompatibility, Organ Transplantation,

Antibody-Mediated Rejection, Molecular Immunology

The **Tambur Laboratory** at **Northwestern University Feinberg School of Medicine** is recruiting a **Postdoctoral Scholar or Research Associate** in the field of **transplant immunology**, with a particular focus on the biological role of **HLA-DQ** in solid organ transplant rejection.

The position is designed for candidates interested in clinically relevant immunology research, especially the mechanisms by which HLA class II molecules, donor-specific antibodies, and immune responses contribute to transplant outcomes.

The successful candidate will join a highly collaborative research environment within Northwestern Medicine and the Comprehensive Transplant Center. The role will involve experimental design, immune cell culture, molecular and cellular assays, data analysis, scientific presentation, manuscript preparation, and participation in multidisciplinary transplant immunology projects.

Research Areas

Potential research directions include:

- Transplant immunology and histocompatibility
- HLA class II biology, with emphasis on HLA-DQ
- Donor-specific antibodies and antibody-mediated rejection
- Immune mechanisms of solid organ transplant rejection
- HLA-DQ immunogenicity and antigen presentation
- B cell and immune cell functional studies
- Molecular and cellular immunology
- Flow cytometry and immune phenotyping
- RNA-seq and omics-based data analysis
- Clinical-translational research in organ transplantation

Available Positions

Postdoctoral Scholar

Highly motivated candidates with a PhD degree in immunology, molecular biology, transplant

biology, cell biology, or a related biomedical field are encouraged to apply.

Research Associate

Candidates with strong experimental experience and relevant research training in immunology, molecular biology, transplant research, or cellular assays may also be considered.

Candidate Requirements

Applicants should have a background in one or more of the following areas:

- Immunology, molecular biology, cell biology, or related biomedical sciences
- Transplant immunology or HLA biology
- Primary immune cell culture and sterile cell culture techniques
- Molecular and cellular biology methods
- Flow cytometry and immune phenotyping
- qPCR, Western blot, RNA-seq sample preparation, or related experimental techniques
- Functional immunology assays
- Experimental data analysis and scientific interpretation
- Scientific writing and presentation

Experience with RNA-seq, high-throughput data analysis, R programming, or omics data analysis would be a strong advantage.

Candidates with recent training or work experience in the United States, and those who are legally eligible to work in the United States, may be given priority depending on institutional requirements.

Responsibilities

The successful candidate will be expected to:

- Design and conduct independent research projects related to HLA-DQ and transplant immunology
- Perform primary immune cell culture and engineered B cell system experiments
- Conduct molecular and cellular assays, including flow cytometry, qPCR, RNA-seq sample preparation, Western blot, and functional immunology assays

- Analyze and interpret experimental data in a rigorous scientific manner
- Present research findings in lab meetings and academic conferences
- Contribute to manuscript preparation and grant applications
- Participate in interdisciplinary collaborations within Northwestern's Comprehensive Transplant Center
- Support the development of clinically relevant translational research projects in transplantation immunology

Laboratory Background

The Tambur Laboratory is affiliated with **Northwestern University Feinberg School of Medicine** and is led by **Prof. Anat R. Tambur**, an internationally recognized researcher in transplant immunology and HLA-DQ biology.

The laboratory focuses on understanding the role of **HLA-DQ antibodies** in organ transplant rejection. While HLA-DR has historically received more attention in transplant compatibility assessment, increasing evidence suggests that **HLA-DQ donor-specific antibodies** are highly relevant to antibody-mediated rejection and long-term transplant outcomes.

The lab has developed a multidisciplinary research platform centered on HLA-DQ immunogenicity, antigen presentation, epigenetic regulation, immune peptidomics, and transplant-related immune responses. Its research aims to clarify how HLA-DQ-driven immune mechanisms contribute to graft rejection and to support more precise transplant matching and immune intervention strategies.

Application Information

Interested candidates are welcome to submit:

- Curriculum vitae
- Cover letter or brief statement of research interests
- Publication list, if applicable
- Summary of previous research experience
- Contact information for references
- Evidence of work authorization, if applicable

This opportunity is open to qualified candidates with strong research potential in transplant immunology, HLA biology, molecular immunology, or related biomedical fields.

Please include the opportunity ID **CGO-26-002** when making an inquiry.

Contact / Referral

For referral, application guidance, or further information, please contact our team at:

Email: admin@nbiic.ca

Please include the opportunity ID **CGO-26-002** in your inquiry and attach your CV, research background, representative publications if available, and a brief statement of research interests.

CGO-26-003

Fully Funded PhD Position in Auditory Imagination, Cognitive Neuroscience, and Mental Health

University of Copenhagen | Copenhagen, Denmark

Category: Curated Global Opportunities

Status: Open

Location: University of Copenhagen, Copenhagen, Denmark

Position Type: Fully Funded PhD Position

Research Field: Cognitive Neuroscience, Psychology, Psychiatry, Auditory Imagination, EEG, TMS, Cognitive Modeling, Mental Health

The **University of Copenhagen** is inviting applications for a **fully funded PhD position** in cognitive neuroscience and mental health. The successful candidate will join a Lundbeck Foundation-funded research project titled **“The Neural Mechanisms of Auditory Imagination.”**

This project aims to investigate the neural basis of **auditory imagination**, individual differences in auditory imagery among the general population, and functional impairments associated with psychiatric conditions such as schizophrenia. The project combines experimental, computational, and clinical approaches to better understand how the human brain generates, represents, and controls imagined sounds.

The PhD candidate will work closely with the Principal Investigator and an interdisciplinary research team. The project involves electroencephalography, intracranial EEG recordings,

transcranial magnetic stimulation, behavioral experiments, signal processing, data analysis, programming, and cognitive modeling.

Research Areas

Potential research directions include:

- Auditory imagination and auditory imagery
- Cognitive neuroscience of perception and imagination
- Neural mechanisms of mental imagery
- EEG and intracranial EEG analysis
- Transcranial magnetic stimulation
- Cognitive modeling and computational neuroscience
- Signal processing and behavioral data analysis
- Schizophrenia and mental health-related cognitive impairment
- Interdisciplinary research in psychology, neuroscience, and psychiatry

Available Position

Fully Funded PhD Position

The position is suitable for highly motivated candidates with a strong interest in cognitive neuroscience, psychology, psychiatry, neuroimaging, computational modeling, or related fields.

Candidate Requirements

Applicants should have a background in one or more of the following areas:

- Cognitive science, neuroscience, psychology, psychiatry, or related disciplines
- Experimental design and implementation
- EEG, intracranial EEG, TMS, or related neurophysiological methods
- Signal processing and data analysis
- Programming and computational modeling
- Behavioral experiments and cognitive assessment

- Mental health or psychiatric research

Applicants are expected to have strong motivation, independence, critical thinking, creativity, and the ability to work in an interdisciplinary research environment.

A two-year master's degree equivalent to 120 ECTS, or an equivalent qualification, is required. Applicants must have submitted a master's thesis that has received preliminary approval or provide equivalent documentation.

High-level written and spoken academic English is required. The department may request documentation of English proficiency where applicable.

Responsibilities

The successful candidate will be expected to:

- Design and conduct experiments on auditory imagination and cognitive neuroscience
- Collect and analyze EEG, intracranial EEG, behavioral, and cognitive data
- Apply signal processing, statistical analysis, programming, and cognitive modeling methods
- Collaborate with cognitive psychologists, neuroscientists, psychiatrists, and other researchers
- Participate actively in the daily work of the research group
- Publish research findings in peer-reviewed journals
- Present research at academic meetings and conferences
- Contribute to the broader goals of the funded research project

Application Information

Interested candidates are welcome to prepare:

- Curriculum vitae
- Personal statement or motivation letter
- Brief PhD project description, including the research problem, overall objectives, methods, and expected outcomes
- Master's degree certificate or equivalent documentation

- Master's transcript
- Bachelor's degree certificate
- Bachelor's transcript
- Documentation of thesis preliminary approval, if the degree has not yet been awarded
- English proficiency documentation, if required
- Other supporting materials requested by the university

The PhD project description should briefly explain the proposed research question, aims, methodology, and expected results, and should clearly relate to auditory imagination and/or cognitive neuroscience.

Candidate Profile

This opportunity is particularly suitable for candidates interested in the intersection of **cognitive neuroscience, psychology, psychiatry, and computational methods**. Candidates with experience in experimental neuroscience, EEG/TMS, signal processing, programming, cognitive modeling, or mental health-related research are encouraged to apply.

Contact / Referral

For referral, application guidance, or further information, please contact our team at:

Email: admin@nbiic.ca

Please include the opportunity ID **CGO-26-003** in your inquiry and attach your CV, research background, representative publications if available, and a brief statement of research interests.

CGO-26-004

2026 Overseas Excellent Young Scholars Program Application Opportunity

Zhongshan School of Medicine, Sun Yat-sen University | Guangzhou, China

Category: Curated Global Opportunities

Status: Open

Location: Guangzhou, Guangdong, China

Position Type: Young Principal Investigator / Tenure-Track Faculty / Researcher

Research Field: Biomedical Sciences, Basic Medicine, Clinical Medicine, Pharmacy, Immunology, Neuroscience, Regenerative Medicine, Bioinformatics, Translational Medicine

Application Period: April 3, 2026 – December 31, 2026

Zhongshan School of Medicine, Sun Yat-sen University invites outstanding young scholars worldwide to apply through the **2026 Overseas Excellent Young Scholars Program**.

The program aims to attract and support exceptional early-career researchers who have achieved strong academic performance in natural sciences, engineering, biomedical sciences, and related disciplines. Successful applicants will be supported to establish independent research programs in China and develop into leading academic talents in their respective fields.

Program Overview

The Overseas Excellent Young Scholars Program supports outstanding overseas young researchers to return to China or come to China for full-time academic work. The program encourages independent and innovative research and provides strong institutional support for career development, research team building, and long-term academic growth.

Selected candidates will be appointed to high-level research and faculty positions at Sun Yat-sen University and Zhongshan School of Medicine, with opportunities to develop independent research directions and participate in interdisciplinary biomedical research.

Research Areas

Zhongshan School of Medicine welcomes applications in the following areas:

- Pathogen biology and infectious disease prevention
- Biosafety
- Stem cell biology and tissue regeneration
- Neuroscience
- Basic immunology and immunotherapy
- Cardiovascular disease pathophysiology
- Chronic inflammation and metabolic diseases
- Mechanisms, prevention, and treatment of major diseases such as cancer
- Biomedical informatics and intelligent medicine
- Pharmacology and pharmacy
- Basic medicine, clinical medicine, and related biomedical fields

Candidate Requirements

Applicants are generally expected to:

- Comply with relevant laws and academic ethics requirements
- Have been born on or after January 1, 1986
- Conduct research mainly in natural sciences, engineering, biomedical sciences, or related fields
- Have obtained a doctoral degree before the required program deadline
- Have held formal teaching or research positions at well-recognized overseas universities, research institutions, or corporate R&D institutions, normally with at least 36 consecutive months of overseas work experience after obtaining the doctoral degree
- Have achieved research or technical accomplishments recognized by peers and show strong potential to become an academic leader or outstanding talent in the field
- Not yet have returned to China for full-time work, or have returned to China on or after January 1, 2025
- Commit to resigning from overseas employment and working full-time in China for at least three years after receiving the award

Applicants who obtained their doctoral degree overseas and have particularly outstanding achievements may be considered for appropriate flexibility in the overseas work experience requirement, subject to program rules.

Institutional Advantages

Sun Yat-sen University is a leading comprehensive research university in China, with strong academic strengths in medicine, life sciences, and interdisciplinary research. The university offers broad research platforms, high-quality clinical resources, and strong support for young scholars.

Zhongshan School of Medicine has a long history in medical education and research. Located in Guangzhou, the school is surrounded by multiple high-level affiliated hospitals and benefits from rich clinical resources, advanced biomedical research platforms, and strong international collaboration networks.

The school hosts strong faculty teams and research platforms across multiple disciplines,

including pathogen biology, embryology and cell biology, anatomy and physiology, pharmacology and pathophysiology, immunology and microbiology, biochemistry and molecular biology, genetics and biomedical informatics, and forensic medicine.

Benefits and Support

Successful candidates may receive comprehensive support from the national program, Sun Yat-sen University, and Zhongshan School of Medicine, including:

- Research funding support of RMB 1–3 million from the national program
- Three-year funding period
- Tenure-track or tenured faculty appointment pathway
- Appointment as principal investigator, with support for independent research team development
- Competitive salary and benefits
- Housing and living allowances, where applicable
- Matching start-up research funding from the university and school
- Additional school-level research support for newly recruited faculty
- Support in applying for further young scientist and talent programs
- Doctoral student recruitment quota support after obtaining supervisor qualification
- Access to research platforms, laboratory space, and administrative support for grant applications
- Support for housing, children's education, and medical services through university and affiliated hospital resources
- Opportunities for dual appointments across schools and affiliated hospitals to promote interdisciplinary collaboration

Application Materials

Interested applicants are encouraged to prepare:

- Curriculum vitae
- Full publication list

- Representative publications
- Summary of major research achievements
- Proposed research plan
- Information on overseas work experience
- Supporting documents required by the official program application system

Please include the opportunity ID **CGO-26-004** when making an inquiry.

Contact / Referral

For referral, application guidance, or further information, please contact our team at:

Email: admin@nbiic.ca

Please include the opportunity ID in your inquiry and attach your CV, research background, representative publications, and a brief statement of research interests if available.

CGO-26-005

Postdoctoral Researcher Opportunity in Oncology, Neurosurgery, and Translational Medicine

Peking University International Hospital | Beijing, China

Category: Curated Global Opportunities

Status: Open

Location: Beijing, China

Position Type: Postdoctoral Researcher

Research Field: Oncology, Neurosurgery, Neuro-Oncology, Brain Tumors, Clinical Medicine, Translational Medicine

Peking University International Hospital is recruiting **postdoctoral researchers** in the areas of **oncology, neurosurgery, and translational medicine**. This opportunity is suitable for early-career researchers with a background in clinical medicine, basic medicine, oncology, neurosurgery, neuro-oncology, or related biomedical fields.

The position aims to support high-potential PhD graduates in developing independent research capacity, strengthening clinical-translational research skills, and contributing to

interdisciplinary studies in cancer and neurological diseases.

Research Areas

Potential research directions include:

- Medical oncology and cancer research
- Neurosurgery and neuro-oncology
- Brain tumors and neurological diseases
- Tumor biology and disease mechanisms
- Clinical and translational medicine
- Precision medicine and biomarker research
- Basic and clinical research in oncology and neurosurgery

Available Position

Postdoctoral Researcher

The hospital welcomes motivated candidates with strong academic training and research potential in oncology, neurosurgery, clinical medicine, basic medicine, or related biomedical disciplines.

Candidate Requirements

Applicants are generally expected to:

- Hold a PhD degree in a relevant field
- Apply within three years after receiving the doctoral degree, in principle
- Be generally under the age of 35, subject to relevant policy flexibility where applicable
- Work full-time during the postdoctoral appointment
- Have strong scientific research ability and solid experimental or clinical research skills
- Demonstrate good English reading, writing, communication, and presentation skills
- Be capable of conducting research projects independently
- Meet relevant institutional requirements for postdoctoral recruitment

For research-oriented applicants, first-author SCI publications in relevant fields during doctoral training are preferred.

For clinically oriented applicants, medical qualification or standardized residency training experience may be required according to the specific position. Candidates with strong publication records and clear research potential will be given priority.

Benefits and Support

The position provides institutional benefits and career development support, which may include:

- Competitive salary and benefits package
- Social insurance and housing fund
- Accommodation support
- Shuttle bus service
- Flexible work arrangements where applicable
- Opportunities for retention after postdoctoral training
- Career advancement and promotion opportunities
- Paid annual leave
- Supplementary commercial insurance
- Clinical and research platform support

Application Materials

Interested applicants are encouraged to prepare:

- Curriculum vitae
- Doctoral degree certificate or proof of expected graduation
- List of representative publications
- Summary of previous research experience
- Brief future research plan, if available
- Other supporting materials required by the hospital

Norman Bethune International Institute of Canada for Healthcare Innovation (NBIIIC-HI)

Global Biomedical Talent & Collaboration Opportunities

Website: www.nbiic.ca | Tel: +1 647 989 2399 / +1 647 988 6166 | Email: admin@nbiic.ca

Please include the opportunity ID **CGO-26-005** when making an inquiry.

Contact / Referral

For referral, application guidance, or further information, please contact our team at:

Email: admin@nbiic.ca

Please include the opportunity ID in your inquiry and attach your CV, research background, representative publications, and a brief statement of research interests if available.