Bayer-THU Collaboration

2023 Call for Applications for Bayer Investigator Award

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**Collaborate to Cure Hub China
Bayer Pharmaceuticals**

拜耳处方药中国合作创新中心

November 2023

About Bayer Investigator Award

Bayer Investigator Award is presented annually to Tsinghua University Investigators for their scientific excellence in the research field relevant to Bayer Pharma R&D. Selected Bayer Investigators will get the following supports:

// 150 kCNY Award for each selected Bayer Investigator

// Connected to Bayer scientists for potential research collaboration discussion

Who May Apply?

Eligibility criteria of the Bayer Investigators are:

// Full-time employees of TSU at the time of applying and receiving the award

// Working in the School of Life Sciences, School of Medicine, School of Pharmaceutical Sciences or Department of Chemistry, School of Information Science and Technology of Tsinghua

// Independent of having a project with Bayer or not

// **Must not** be healthcare professionals, or employed by a hospital due to international compliance requirements

// Members of the Joint Steering Committee (JSC) may not apply for the award

// Previous award winners may not apply again

RESTRICTED

Selection

// Selection of the Bayer Investigators is based on **two considerations**:

   // Research excellence, e.g. publication records over the past five years (2018—2023)

   // Research relevance to Bayer's areas of interest, including:

      // <u>Therapeutic areas </u>in **Precision Oncology** (e.g. Precision molecular oncology, Targeted Radiotherapies, Next-gen Immuno-Oncology, ADCs), **Precision cardiorenal diseases** (e.g. Heart Failure, Dilated cardiomyopathy, Hypertrophic cardiomyopathy, Chronic kidney disease, Alport, Autosomal dominant kidney disease, Lupus nephritis), **Neurology & Rare diseases** enabled by cell and gene therapy, and **Immunology & Inflammation** (e.g. Autoimmune disease).

      // <u>Novel technologies/platforms</u> that enable target identification/drug discovery, specifically structural biology and biophysical methods (eg X-Ray, cryo-EM, AS MS, NMR ect), mRNA technology, disease models, organoids, iPSC-derived cell systems, organ on a chip, multi-omics techniques, bioinformatics, computational capabilities in protein design/protein engineering, biomarker research, nanomedicine, drug delivery, drug metabolism, pharmacokinetics, toxicology, chemistry related expertise in lead generation and optimization.

      // <u>Therapeutic modalities</u>, e.g. peptide binders, protein degraders, molecular glue, modalities derived from conjugation platforms (antibody, peptide, glyco, radio labelling), RNA therapeutics, cell and gene therapy;

// Selection will be conducted by the Joint Steering Committee (JSC) from both Bayer and Tsinghua University

Application Process

1 **Fill out the Application Form, which includes:**

// A short description of research interests and achievements

// A list of relevant publications, and publications aligned with Bayer's areas of interest (if any)

// Curriculum Vitae

2 **Submit your application to Bayer or THU Alliance Managers:**

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3 **Application deadline is Dec 20th, 2023.**

4 **Decision letters will be sent out in February 2024**

Thank you!