



Full list of the Bayer China Academic Partnership Award 2025 winners

🌿 Peking University 🌿

// Bayer Endowed Chair



Cun-Yu Wang

Professor, Institute of Advanced Clinical Medicine

Research interests:

the molecular and epigenetic mechanisms of adult stem cells and skeletal aging, cancer stem cells, tumor immunotherapy, and the development of targeted cancer drugs

// Bayer Investigator



Binlong Chen

Associate Professor, School of Pharmaceutical Sciences

Research interests:

the molecular pharmaceutics of smart drug delivery systems, with an emphasis on subcellular organelle-targeted drug delivery and controlled release, investigating the trafficking profiles of nanomedicines within the tumor microenvironment and inside tumor cells, aiming to precisely regulate and maximize therapeutic outcomes



Zeyu Chen

Assistant Professor, School of Basic Medical Sciences

Research interests:

developing cutting-edge technologies to engineer immune system, particularly rewiring T cell transcriptional circuits, towards accomplishing microenvironmental precision medicine



Lei Ma

Assistant Professor, College of Future Technology

Research interests:

advance the emerging paradigm of “digital life”, aiming to move from data-driven prediction toward executable and verifiable models of living systems, where biological function emerges from closed-loop interactions between brain, body, and environment



Lei Miao

Assistant Professor, School of Pharmaceutical Sciences

Research interests:

Engineering next-generation lipid nanomaterials to overcome the fundamental delivery challenges of mRNA/siRNA therapeutics, with a central theme of precisely controlling the immunogenicity-efficacy balance for applications in oncology and metabolic/chronic inflammatory diseases



Chao Zhong

Professor, School of Basic Medical Sciences

Research interests:

elucidate the key regulatory mechanisms of tissue-resident immunity and their roles in the onset, progression, and resolution of major clinical diseases



Jian Zhu

Professor, School of Life Sciences

Research interests:

the regulatory mechanisms of signaling transduction networks that play critical roles in cell differentiation, morphogenesis, and adult homeostasis

// Bayer Postdoc



Zengrui Cheng

Doctor, School of Pharmaceutical Sciences

Research interests:

the development of new strategies for carbon-carbon bond cleavage and transformation



Zihong Kang

Doctor, School of Life Sciences

Research interests:

RNA epigenetic modifications, particularly the role of N6-methyladenosine (m6A) in chromatin function regulation, genome stability maintenance, and tumor adaptation mechanisms



Fei Tang

Doctor, School of Life Sciences

Research interests:

resolve the complexity of the tumor microenvironment and its dynamic remodeling during disease progression and treatment, with the goal of identifying biologically meaningful and therapeutically relevant targets by integrating cutting-edge omics technologies with computational biology approaches





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Tsinghua University

// Bayer Endowed Chair



Li Yu

Professor, School of Life Sciences

Research interests:

migrasome biology, systematical identification of key regulatory genes and mechanisms governing migrasome formation

// Bayer Investigator



Ling Chu

Associate Professor, School of Pharmaceutical Sciences

Research interests:

new chemical biology tools to explore the beyond-rule-of-5 drug space, Perturbing ubiquitin-proteasome pathway as a new strategy to target KRAS, New tools for live-cell protein labeling and super-resolution imaging



Lei Lu

Assistant Professor, School of Pharmaceutical Sciences

Research interests:

de novo protein design of innovative therapeutics



Chuangye Yan

Associate Professor, School of Life Sciences

Research interests:

structural biology of important biological macromolecules

// Bayer Microfunding



Huiqin Liu

Associate Research Professor, School of Pharmaceutical Sciences

Research interests:

rational design of drug delivery systems and therapeutics to address unmet clinical needs



Deng Pan

Associate Professor, School of Basic Medical Sciences

Research interests:

cancer immune evasion mechanism and novel target identification for cancer immunotherapy



Qiang Wang

Assistant Professor, School of Life sciences

Research interests:

molecular machinery underlying the activation of brown fat or beige fat as well as the conversion between white fat and beige fat in the physiological and pathological conditions