

*Appendix: Full list of the Bayer China Academic Partnership Award 2022 winners (in alphabetical order)*

## **Peking University**

### Bayer Endowed Chair



**Xuemei Chen**

Chair Professor, School of Life Sciences, Peking University

Research interests: flower development, small RNAs, and RNA modifications in plants

### Bayer Investigator



**Jun Liu**

Assistant professor, School of Life Sciences, Peking University

Research interests: the novel molecular mechanism of how RNA modification regulate gene transcription and disease-related biological functions



**Junyu Xiao**

Associate Professor / Principal Investigator, School of Life Sciences, Peking University

Research interests: understanding the structure and function of important molecular machineries, especially focuses on the study of human immunoglobulins



**Xuefeng Zhang**

Investigator, Biomedical Pioneering Innovation Center, Peking University

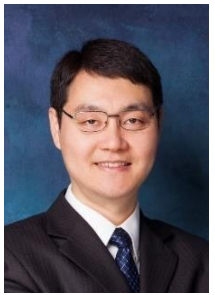
Research interests: the mechanisms of antibody diversification and genome stability



**Yulong Li**

Professor, School of Life Sciences, Peking University

Research interests: developing tools to study neuromodulation and neuronal connectomics and understand complex mechanisms with high spatial and temporal resolution



**Yiguang Wang**

Boya Distinguished Professor, Department of Pharmaceutics, Peking University

Research interests: designing and developing smart nanomedicines to achieve precise tumour imaging and “on demand” drug delivery



**Ying Zhang**

Investigator, School of Life Sciences, Peking University; Peking-Tsinghua Center for Life Sciences

Research interests: cancer immunology and immunotherapy

Bayer Postdoc



**Haowei Meng**

Postdoc, School of Life Sciences, Peking University

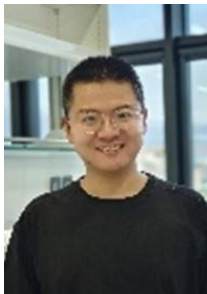
Research interests: the development of off-target detection methods for genome editing tools



**Qingqing Li**

Postdoc, School of Life Sciences, Peking University

Research interests: using the leading-edge omics sequencing technology in combination with patient-derived organoid model to study key issues of cancer biology



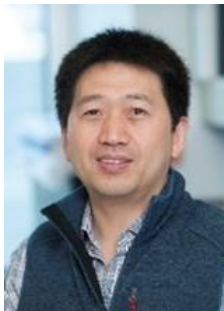
**Xiao Zhou**

Postdoc, Department of Medical Bioinformatics, Peking University

Research interests: discovering and explaining interesting biological phenomena, while working on improving understanding of the mechanisms of disease development to aid in clinical practice

**Tsinghua University**

Bayer Endowed Chair



**Song-Hai Shi**

Dean, School of Life Sciences, Tsinghua University

Research interests: identifying the common commodities of brain circuits at both the structural and functional levels

Bayer Investigator



**Jiajun Zhu**

Assistant Professor, Department of Basic Medical Sciences, School of Medicine, Tsinghua University

Research interests: reveal the molecular mechanism and metabolic basis of human diseases such as cancer



**Sai Li**

Associate Professor, School of Life Sciences, Tsinghua University

Research interests: cryo-electron tomography and its applications in in-situ structural biology, especially in studying emerging enveloped viruses

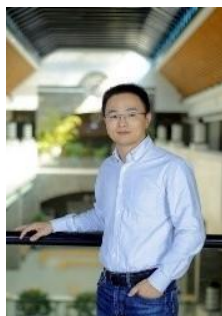


**Zhucheng Chen**

Professor, School of Life Sciences, Tsinghua University

Research interests: structural chromatin biology, with particular interest in the mechanism of gene regulation at the chromatin level in health and disease

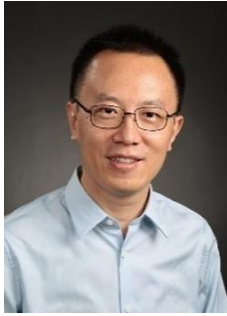
Bayer Microfunding



**Haidong Tang**

Associate professor, School of Pharmaceutical Sciences, Tsinghua University

Research interests: cancer immunology and immunotherapy



**Xuerui Yang**

Associate Professor, School of Life Sciences, Tsinghua University

Research interests: dissections of the post-transcriptional regulation machinery under the contexts of complex diseases such as cancer



**Zhi John Lu**

Associate Professor, School of Life Sciences, Tsinghua University

Research interests: noncoding RNA (ncRNA) centered multi-omics data