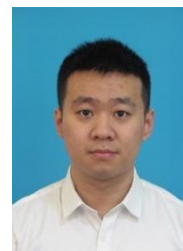


# Curriculum Vitae

Bao Shujie (包树杰)

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## Education:

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- 03/2022- Ph.D. candidate, Department of Clinical Oncology, The Chinese University of Hong Kong, Hong Kong
- 09/2017-07/2021 Master of Natural Science in Cell Biology, University of Chinese Academy of Sciences, China
- 09/2013-07/2017 Bachelor of Engineering in Bioengineering, Sun Yat-Sen University, China

## Work experience:

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- 07/2021-01/2022 Scientist of translational medicines and biomarkers, Abbisko Therapeutics Co.,Ltd.

## Publications:

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1. **Bao S**, Li L, Tao Q. SARS-CoV-2 non-structural protein 5 activated proinflammatory genes via nuclear factor kappa-B signaling and regulated host epigenetic reprogramming through downregulation of de novo DNA methyltransferase 3B. Manuscript in preparation (2025).
2. **Bao Shujie**. (2025). The virus-mediated modulation of epigenetic reprogramming in host human cell.

### Graduation Thesis.

3. Li L, Cui L, Lin P, Liu Z, **Bao S**, Ma X, Nan H, Zhu W, Cen J, Mao Y, Ma X, Jiang L, Nie Y, Ginhoux F, Li Y, Li H, Hui L. (2023). Kupffer-cell-derived IL-6 is repurposed for hepatocyte dedifferentiation via activating progenitor genes from injury-specific enhancers. **Cell Stem Cell** 30, 283-299 e9.
4. Li W, Yang L, He Q, Hu C, Zhu L, Ma X, Ma X, **Bao S**, Li L, Chen Y, Deng X, Zhang X, Cen J, Zhang L, Wang Z, Xie W, Li H, Li Y, Hui L. (2019). A Homeostatic Arid1a-Dependent Permissive Chromatin State Licenses Hepatocyte Responsiveness to Liver-Injury-Associated YAP Signaling. **Cell Stem Cell** 25, 54-68 e55.

## Conferences:

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1. Chromatin Biology and Epigenetics Conference, Chinese Society for Cell Biology, Guangzhou, China. Dec 12-16, 2024
2. HK Epigenetic Symposium: Chemistry, Structure, Function and Disease, Hong Kong, China. Aug 28, 2024
3. The Youth Symposium of Viral Oncology, China Viral Oncology Association, Chengdu, China. Jan 11-13, 2024
4. NSFC-RGC Youth Forum: Frontier Principles of Carcinogenesis and Cancer Invasion, Furong Laboratory, Changsha, China. Nov 24-26, 2023
5. Viral Oncology Conference, China Viral Oncology Association, Dongguan, China. Nov 10-12, 2023
6. Immuno-Oncology Hong Kong, Department of Clinical Oncology, The Chinese University of Hong Kong, Hong Kong, China. Apr 22-23, 2023

## Awards:

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1. DaBeiNong Encouragement Scholarship, 2017
2. Excellent Academic Performance Scholarship, 2016
3. Excellent Academic Performance Scholarship, 2015

## Certificates:

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1. Shanghai Laboratory Animal Experiment License
2. TOEFL iBT (Score: 100/120)

## Research Experience:

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**Project 1:** The virus-mediated modulation of epigenetic reprogramming in host human cells. (2022- )  
The Chinese University of Hong Kong, Hong Kong

**Project 2:** Kupffer-cell-derived IL6 is repurposed for hepatocyte dedifferentiation via activating progenitor genes from injury-specific enhancers. (2020-2023) University of Chinese Academy of Sciences, China

**Project 3:** The epigenetic regulation underlying the cell identity conversion during hepatocyte reprogramming. (2018-2021) University of Chinese Academy of Sciences, China

**Project 4:** The Arid1a-dependent cell plasticity of hepatocyte during injury. (2017-2019) University of Chinese Academy of Sciences, China

## Experimental skills:

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**Basic skills:** Western Blot, qPCR, Co-IP, Immunofluorescence, Immunohistochemistry, FACS, Cell culture, Plasmid construction.

**Animal experimental skills:** Liver Perfusion, Hydrodynamic Injection, Hepatectomy, Inner Canthus Veniplex Injection, Subcutaneous Injection, Intravenous Injections, Breeding and Crossbreeding, Genotyping.

**Software:** Prism 8, Image J, FlowJo, IGV (Integrative Genomics Viewer), GSEA, Office, etc.

**Capability:** Good at collaboration, communication, presentation.