

Bohao Jiang

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EDUCATION

**China Medical University** - Shenyang, China 08/2022-06/2025  
Supervisor: Prof. Dr. Jianbin Bi (Chairman of Urology Department)  
Master of Surgery

**China Medical University** – Shenyang, China 09/2017-06/2022  
Bachelor of Clinical Medicine

**Academic Excellence:** 92/100 (Percentage System)  
Ranked 4th among 153 students (Top 3%) \*(Percentage-based system; GPA not applicable)\*

PUBLICATIONS (First author & Co-first author)

[ <i>eClinical Medicine</i> ]	IF=10.0	Comparative therapeutic efficacy and safety of first-line and second-line therapies for metastatic castration-resistant prostate cancer: a systematic review and network meta-analysis	(First author)
		PMID: 40104085	DOI: 10.1016/j.eclim.2025.103129
[ <i>Journal of Medical Internet Research</i> ]	IF=6.0	Early Predictive Accuracy of Machine Learning for Hemorrhagic Transformation in Acute Ischemic Stroke: Systematic Review and Meta-Analysis	(Co-first author)
		PMID: 40408765	DOI: 10.2196/71654
[ <i>Frontiers in Oncology</i> ]	IF=3.3	Retroperitoneal Bronchogenic Cyst: A Case Report and Literature review	(First author)
		PMID: 35944288	DOI: 10.3389/fonc.2024.1406270
[ <i>Frontiers in Oncology</i> ]	IF=3.3	Two Rare Cases of Primary Clear Cell Adenocarcinoma of the Urethra: Clinical experience, Case report and Literature Review	(First author)
		PMID: 40012547	DOI: 10.3389/fonc.2025.1539312
[ <i>Frontiers in Oncology</i> ]	IF=3.3	Case Report: Two Cases of Chemotherapy Refractory Aggressive Variant Prostate Cancer with Extreme Durable Response to PARP inhibitor	(First author)
		PMID: 40342821	DOI: 10.3389/fonc.2025.1533627

MANUSCRIPTS UNDER REVIEW

Constructing a dual-model diagnostic framework for clinically significant prostate cancer using multi-parameter magnetic resonance imaging, biochemical testing, and prostate health index (Graduation Thesis)

Author: **Bohao Jiang**<sup>#</sup>, Shouzhen Chen<sup>#</sup>, Xianhao Xiao<sup>#</sup>, Jiyuan Hu<sup>#</sup>, Jianbin Bi<sup>\*</sup>, Jianfeng Wang<sup>\*</sup>, Hao Zhang<sup>\*</sup>  
Co-first author: # Contribution: Writing, Clinical data collection, Data analysis, Main organizer

4 cases of Juxtaglomerular cell tumor: Clinical experience and literature review

Author: Mingyue Jin<sup>#</sup>, **Bohao Jiang**<sup>#</sup>, Jiyuan Hu<sup>#</sup>, Xianhao Xiao, Xiaolong Hou, Xiaoxiao Xu, Xiaojun Man<sup>\*</sup>, Hao Zhang<sup>\*</sup>  
Co-first author: # Contribution: Clinical data collection

Transforming Cancer Care: How Multi-modal Data and Machine Learning Enhance Prognosis for High-Risk Prostate Cancer Patients post RARP – A Multi-Center Retrospective Study

Author: Jiyuan Hu<sup>#</sup>, Qi Miao<sup>#</sup>, Jiayi Ren<sup>#</sup>, **Bohao Jiang**<sup>#</sup>, Moyu Xia, Yi Jing, Wangmin Liu, Yiming Chen, Xianhao Xiao, Ruimei Chai, Yuan Miao, Guangtai Liang, Dongli Feng, Mo Zhang<sup>\*</sup>, Jianbin Bi<sup>\*</sup>  
Co-first author: # Contribution: Clinical data collection & Idea communication

RESEARCH EXPERIENCE AND PROJECTS

Details were displayed for each project on my academic home page: <https://nelsonjiang1999.github.io/>

- 1) Multi-Omics Integration for Investigating the Genetic Landscape between Prostate Cancer and Aging Date: 07/2025-Present
- 2) Constructing a dual diagnostic model for csPCa using mpMRI, biochemical testing, and prostate health index Date: 08/2023-05/2025
- 3) Established a long-term clinical follow-up database for malignant urological tumors for the First affiliated hospital of China Medical University Date: 07/2023-10/2024
- 4) Follow-up program of patients underwent Robot-assisted Radical Prostatectomy Date: 07/2022-12/2023

## PATENTS

A new type of tissue retractor with vacuum aspiration

[Utility Model Patent: First Inventor]

Application Status: Patent Pending

## PROFESSIONAL EXPERIENCES

Laboratory of Pathological Biology, Chongqing Medical University, Chongqing

07/2025-present

Laboratory Intern

- Experience in cell function test. (e.g. Western-blot; RT-qPCR; ELISA)
- Experience in cell culture, resuscitation, cryopreservation and transfection (THP1, RAW).
- Experience in feeding of experimental mice, tail vein injection and extraction of bone marrow cell.
- Experience in establishing cell & mouse infection models of Mycobacterium Smegmatis.

The first hospital of China Medical University, Shenyang

09/2023-06/2025

Surgical Resident

- Manage hospitalized patients (an average of **30 patients** per month), make preliminary diagnosis and assist supervising physicians with pre-surgical examinations and post-surgical management.
- An average monthly surgical volume of over **20 cases** as FA (first assistant) or SA (Second assistant) in surgery. Proficiency in basic surgical procedures and instrumentations.
- Supervise medical interns in basic clinical practice. Participate in the discussion of surgical protocols and in-house lectures.
- Develop a **deeper understanding** of clinical symptoms and treatments for diseases in various system (In the field of surgery).

The first hospital of China Medical University, Shenyang

08/2022-08/2023

Surgical Intern

- Assisted resident surgeons and professors in management of inpatients, attending surgeries as an assistant, and learning basic clinical skills. (an average of 30 patients per month)
- Participated in the in-house lectures.
- Successfully passed the the Examinations of the National Certified Physicians and obtained *the Certificate of Physician Credentials* and *the Certificate of Medical Licensure*.

The Shengjing Hospital of China Medical University, Shenyang

09/2021-06/2022

Student Intern

- Assisted physicians in clinical work and participated in basic clinical operations.
- Develop a preliminary understanding of common diseases in various organs and systems.

## HONORS AND AWARDS

Second-class Academic Scholarship awarded by China Medical University

2024-2025

Third-class Academic Scholarship awarded by China Medical University

2022-2023

Outstanding individual students of the school awarded by China Medical University

2020-2021

First-class Academic Scholarship awarded by China Medical University

2020-2021

2019-2020

2018-2019

Second-class Academic Scholarship awarded by China Medical University

2017-2018