Nanhao YIN

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Education

Sichuan University, West China School of Medicine — Chengdu, Sichuan, China
MD student of Clinical Medicine/Oncology (8-year program), 5th year at present (undergraduate phase) — Sept. 2019- May. 2025

Sichuan University, College of Computer Science — Chengdu, Sichuan, China
Computer Science and Technology — Sept. 2017-June 2019

Cumulative GPA: 3.73/4 GPA of biomedical science courses: 3.803/4

Language Proficiency

GRE: 153/170 (verbal) 161/170 (quantitive)
College English Test Band 4 and 6 (CET4, CET6): 634/710, 598/710 respectively
Japanese-Language Proficiency Test (JLPT): Level N3 168/180

Research Experience

Experimental and Coding Skills:

Sichuan University, West China Hospital, **Dept. of Thoracic Oncology & State Key Laboratory of Biotherapy** — Nov. 2020-present
Advisor: Prof. Jianxin Xue, MD, PhD

- Attained knowledge of biology basis and clinical landscape of cancer immunotherapy (targets like PD-1, CTLA-4, TIM-3, LAG-3, TIGIT, B7 family *et al*). Reviewed, discussed and presented researches and ideas on topics above (articles in *Cancer Cell, Nat. Immunol.* and so on; books like *The Biology of Cancer* and *Janeway's Immunobiology*).
- Attained theoretical knowledge about experimental protocols (like shRNA, Cre method, cytometry, cell/gene signatures, PDX and cancer cell cultivation/transplantation *et al*).
- Planning:
  - Training on basic experimental protocols and learning R based TCGA/GEO and scRNA-seq data analysis (Mar. 2022-May 2022)
  - Performing study on immune checkpoint molecules/cancer immunotherapies (topic in detail is to be determined). (Sep. 2022-)

Sichuan University, College of Computer Science — Mar. 2019-Apr. 2020
Advisor: Prof. Yue Wu, PhD; A. P. Weihua Zhang, PhD.
Study: Directional Sound-based Audio Push System

- Accomplished construction of a real-time system recognizing position of indoor acoustic sources.
- Utilized C/C++, Matlab, open-source hardware Raspberry and Linux development skills.
- Obtained advanced coding skills, ability of decipher open-source codes and project management.

Research Introductory Training:

Sichuan University, Wu Yuzhang Honors College
Advisor: Postdoctoral Scholar Qian Wang, PhD (Stanford University) and Christos Zois, PhD (Oxford University) — July 2021 (Online) July 2019
Topic: Introduction of immunology research and tumor biology & anticancer therapies, respectively.

Publication

A review article in progress which is about mechanisms and opportunities of drug development on newly identified checkpoint molecules of IgSF family and other immunoregulatory pathways (metabolic, epigenetic, innate immune and so on) showed promising in recent conferences and clinical trials.

Professional, Social Work Experience and Extracurricular Activity

China Anti-Cancer Association	Tianjin, China
Member	2021-2022
University of Pennsylvania, Perelman School of Medicine	Philadelphia, PA (Online)
Penn Pals Language Program (Medical Mandarin & English)	2020-2021
Annual Meeting of Sichuan Cancer Society/2020 Huaxi Cancer Forum	Chengdu, Sichuan, China
Attendee	2020
The Lancet–CAMS Health Conference	Chengdu, Sichuan, China
Volunteer	2019
Chengdu Yalixin Ltd., Corporation	Chengdu, Sichuan, China
Intern of Software Engineer	2019
Sichuan University, College of CS, Opensource Hardware Association	Chengdu, Sichuan, China
Member of Dept. of Base Management	2018-2019

Honors and Awards

2nd Prize Scholarship, Sichuan University	2020
National Endeavor Scholarship, China	2018
3rd Prize Scholarship, Sichuan University	2018
Student of the Year, Sichuan University	2018

Skills

Experimental skills: PCR, WB, animal surgery, cell culture and etc.

Programming skills: C/C++, Java/JavaScript, Python, R, Linux/Unix & Windows command line.

Artistic skills: Drawing academic/biomedical schematic figures with Adobe Illustrator.