

Resume of Han HU

Basic Information



School : School of Economics and Management
Gender: Male
Date of Birth: 198712
Title: Associate professor
Education: Ph.D
Tutor: Master degree
E-mail: huhan1379@163.com
Interest of research: Oncolytic type II herpes simplex virus anti-tumor preclinical and clinical studies; drug development and biomarker exploration of novel oncolytic viruses; Molecular mechanism study of oncolytic virus combined with CAR-T anti-tumor

Academic Background

From September 2005 to July 2010, Huazhong Agricultural University, Bachelor's degree;

From September 2010 to July 2016, Huazhong Agricultural University, Ph.D.

Oversea visiting

2014/10-2016/03, Joint PhD student, University of Maryland School of Medicine (UMSOM);

Enrollment Information

1. Enrollment Discipline: Bioengineering
2. Research direction: Oncolytic virotherapy, CAR-T therapy
3. Enrollment Year: 2023-2024

Representative Projects

1. The National Natural Science Foundation of China, Project leader.
2. The Youth Project of the Hubei Provincial Department of Education, Project leader.
3. The National Major New Drug Creation Science and Technology Major Project.
4. the Hubei Provincial Key R&D Program.

Representative Articles

- (1) **Hu Han**; Di Bin; Tolbert W. David; Gohain Neelakshi; Yuan Weirong; Gao Pan; Ma Bohan; He Qigai; Pazgier Marzena; Zhao Le; Systematic mutational analysis of human neutrophil α -defensin hnp4. *Biochimica et Biophysica Acta (BBA)-Biomembranes*,2019

- (2) Wang Yang[#]; Wang Runyang[#]; **Hu Han[#]**; Jin Jing; Cai Linkang; Zhang Siqi; Yi Fan; Li Yanxia; Zheng Zhiqiang; Zhou Qin; Fang Zhizheng; Liu Binlei; Preclinical safety assessment of an oncolytic herpes simplex virus type 2 expressed pd-11/cd3 bispecific antibody. *INTERNATIONAL IMMUNOPHARMACOLOGY*,2023, 124: 110975
- (3) **Hu Han**; Zhang Siqi; Cai Linkang; Duan Haixiao; Li Yuying; Yang Junhan; Wang Yang; Liu Biao; Dong Shuang; Fang Zhizheng; Liu Binlei; A novel cocktail therapy based on quintuplet combination of oncolytic herpes simplex virus-2 vectors armed with interleukin-12, interleukin-15, GM-CSF, PD1v, and IL-7×CCL19 results in enhanced antitumor efficacy. *Virology Journal*,2022, 19(1): 74
- (4) **Hu Han**; Zhang Ziyi; Wang Runyang; Wang Yang; Jin Jing; Cai Linkang; Yang Junhan; Duan Haixiao; Wu Zhen; Fang Zhizheng; Liu Binlei; BGC823 cell line with the stable expression of iRFP720 retains its primary properties with promising fluorescence imaging ability. *DNA AND CELL BIOLOGY*,2020
- (5) **Hu Han**; Guo Nan; Chen Shuhua; Guo Xiaozhen; Liu Xiaoli; Ye Shiyi; Chai Qingqing; Wang Yang; Liu Binlei; He Qigai; Antiviral activity of piscidin 1 against pseudorabies virus both in vitro and in vivo. *Virology Journal*,2019, 16(1): 95
- (6) **Hu Han**; Cheng Yining; Cao Jinjin; Guo Yujie; Duan Haixiao; Jin Yuling; Zhang Lingfang; Wang Yang; Liu Binlei; Development of taqman-based real-time pcr based on ψ gene for quantitative detection of car-t cells. *ANALYTICAL BIOCHEMISTRY*,2024: 115626
- (7) Wang Xuan; Cui Chuanliang; Lian Bin; Si Lu; Chi Zhihong; Sheng Xinan; Kong Yan; **Hu Han**; Gu Xiangyong; Li Caili; Mao Lili; Bai Xue; Tang Bixia; Yan Xieqiao; Li Siming; Zhou Li; Liu Binlei; Guo Jun; A phase Ia/Ib study evaluating the safety and efficacy of intratumorally administrated OH2, an oncolytic herpes simplex virus 2, in unresected stage IIIc to IV melanoma patients. *JOURNAL OF CLINICAL ONCOLOGY*,2022, 40(16_suppl): e21537
- (8) Wang Yang; Zhou Xiaobing; Wu Zhen; **Hu Han**; Jin Jing; Hu Yanping; Dong Yuting; Zou Jianwen; Mao Zeyong; Shi Xiaotai; Huo Yan; Lyu Jianjun; Fang Zhizheng; Zhang Wen; Zhu Yujie; Li Bo; Liu Binlei; Preclinical safety evaluation of oncolytic herpes simplex virus type 2. *HUMAN GENE THERAPY*,2019, 30(5): 651-660
- (9) Cai Linkang[#]; **Hu Han[#]**; Duan Haixiao; Li Yuying; Zou Zongxing; Luo Kailun; Zhang Ziyi; Yang Junhan; Jin Jing; Chen Ying; Ke Zonghuang; Fang Zongyao; Liu Qiong; Hong Xiaoqian; Hu Sheng; Liu Binlei; The construction of a new oncolytic herpes simplex virus expressing murine interleukin-15 with gene-editing technology. *JOURNAL OF MEDICAL VIROLOGY*,2020, 92(12): 3617-3627
- (10) Zheng Yi; Wang Xiaomin; Ji Qiang; Fang Aizhong; Song Lairong; Xu Xiaoying; Lin Yi; Peng Yichen; Yu Jianyu; Xie Lei, **Han Hu**, Ziyi Zhang, Binlei Liu, Wenbin Li; Oh2 oncolytic virus: a novel approach to glioblastoma intervention through direct targeting of tumor cells and augmentation of anti-tumor immune responses. *CANCER LETTERS*,2024, 589