

CURRICULUM VITAE

PERSONAL DATA

Name CHAN Kam Kwan

EDUCATION

2020 – 2024 PhD of Philosophy in Anatomical & Cellular Pathology
The Chinese University of Hong Kong
(Supervisor: Prof. Patrick Tang)

2014 – 2018 Bachelor of Pharmacy (Hons) in Chinese Medicine
Hong Kong Baptist University

WORKING AND RESEARCH EXPERIENCE

05/2024-Present Postdoc Fellow, Department of Anatomical and Cellular Pathology
The Chinese University of Hong Kong
(Supervisor: Prof. Patrick Tang)

01/2020-07/2020 Junior Research Assistant, Department of Anatomical and Cellular Pathology
The Chinese University of Hong Kong
(Supervisor: Prof. Patrick Tang)

09/2018-08/2019 Research Assistant, School of Chinese Medicine
Hong Kong Baptist University
(Supervisor: Prof. Yu Zhi Ling)

07/2017-09/2017 Internship
Guangdong Provincial Hospital of Traditional Chinese Medicine

05/2017-06/2017 Internship
Shenzhen Tsumura Medicine

01/2017-04/2017 Student laboratory helper, School of Chinese Medicine
Hong Kong Baptist University

AWARDS

- 1) **Silver Medals**, the International Exhibition of Inventions Geneva. (2025)
- 2) Young Investigator, Cancer (2024)
- 3) Outstanding Student Award, CUHK (2023)
- 4) **Silver Prize**, the 9th China International College Students' 'Internet+' Innovation and Entrepreneurship Competition (2023)
- 5) **Best Poster award**, the 27th meeting of HK Society of Flow Cytometry (2023)
- 6) **Second Prize**, 9th HK University Student Innovation and Entrepreneurship Competition (2023)
- 7) **2nd Runner-up**, Professor Charles K. Kao Student Creativity Awards (2023)
- 8) **Bronze Medal**, the 13th IIFME – International Invention Fair of the Middle East (2023)
- 9) **Bronze Prize**, 13th Challenge Cup China College Students' Entrepreneurship Competition (2022)

- 10) **Second Prize**, 8th HK University Student Innovation & Entrepreneurship Competition (2022)
- 11) **Bronze Medals**, the International Exhibition of Inventions Geneva (2022)
- 12) **First Prize**, 17th Challenge Cup (2021)
- 13) **First Prize**, 7th HK University Student Innovation & Entrepreneurship Competition (2021)

EXTRACURRICULAR ACTIVITIES

Nov 2024	Valedictorian 94th Congregation of CUHK
Aug 2023	Catalyst: Qiming Healthcare Summer Program 2023 The only Hong Konger among 11 selected from hundreds of applicants
2022-2023	IDEATION PROGRAMME, HKSTP Be selected from hundreds of projects and receive a year of funding support
2023-Present	Member American Society of Gene & Cell Therapy
2022-Present	ESID Junior Member European Society for Immunodeficiencies
2021-Present	Member Hong Kong Society of Flow Cytometry
2021-Present	Member Hong Kong Society of Immunology
2015-Present	Member Hong Kong Chinese Medicine Pharmacists Association
2017-2018	President 32nd Hong Kong Baptist University Rowing Club
2012-2013	General Affairs Secretary Student Union, MOSSJSS

RESEARCH PUBLICATIONS

- 1) Philip Chiu-Tsun Tang, **Max Kam-Kwan Chan (Co-first)**, Jeff Yat-Fai Chung, Alex Siu-Wing Chan, Dongmei Zhang, Chunjie Li, Kam-Tong Leung, Calvin Sze-Hang Ng, Yi Wu, Ka-Fai To, Hui-Yao Lan, Patrick Ming-Kuen Tang. Hematopoietic Transcription Factor RUNX1 is Essential for Promoting Macrophage-Myofibroblast Transition in Non-Small-Cell Lung Carcinoma. *Adv Sci (Weinh)*, November 15, 2023. (Impact factor 2022: 15.1)
- 2) Zoey Zeyuan Ji, **Max Kam-Kwan Chan (Co-first)**, Alex Siu-Wing Chan, Kam-Tong Leung, Xiaohua Jiang, Ka-Fai To, Yi Wu, Patrick Ming-Kuen Tang. Tumour-associated macrophages: versatile players in the tumour microenvironment. *Front Cell Dev Biol*, October 26. (Impact factor 2022: 5.5)
- 3) **Max Kam-Kwan Chan**, Emily Lok-Yiu Chan, Zoey Zeyuan Ji, Alex Siu-Wing Chan, Chunjie Li, Kam-Tong Leung, Ka-Fai To, Patrick Ming-Kuen Tang. Transforming growth factor- β signaling: from tumor

microenvironment to anticancer therapy. Exploration of Targeted Anti-tumor Therapy, April 28, 2023. (Impact factor 2022: N/A)

- 4) Jeff Yat-Fai Chung, Philip Chiu-Tsun Tang, **Max Kam-Kwan Chan (Co-first)**, Vivian Weiwei Xue, Xiao-Ru Huang, Calvin Sze-Hang Ng, Dongmei Zhang, Kam-Tong Leung, Chun-Kwok Wong, Tin-Lap Lee, Eric W-F Lam, David J. Nikolic-Paterson, Ka-Fai To, Hui-Yao Lan, Patrick Ming-Kuen Tang. Smad3 is Essential for N1/N2 Polarization of Tumor-Associated Neutrophils in NSCLC. Nature Communications. 31 March 2023. (Impact factor 2022: 16.6)
- 5) **Max Kam-Kwan Chan**, Jeff Yat-Fai Chung, Philip Chiu-Tsun Tang, Alex Siu-Wing Chan, Johnny Yuk-Yeung Ho, Tony Pak-Tik Lin, Jiaoyi Chen, Kam-Tong Leung, Ka-Fai To, Hui-Yao Lan, Patrick Ming-Kuen Tang. TGF- β Signaling Networks in the Tumor Microenvironment. Cancer Letters. 2022. (Impact factor 2022: 9.7)
- 6) Philip Chiu-Tsun Tang, Jeff Yat-Fai Chung, Jinyue Liao, **Max Kam-Kwan Chan**, Alex Siu-Wing Chan, Guangyao Cheng, Chunjie Li, Xiao-Ru Huang, Calvin Sze Hang Ng, Eric W-F Lam, Dongmei Zhang, Yi-Ping Ho, Ka-Fai To, Kam-Tong Leung, Xiaohua Jiang, Ho Ko, Tin-Lap Lee, Hui-Yao Lan, Patrick Ming-Kuen Tang. Single-cell RNA sequencing uncovers a neuron-like macrophage subset associated with cancer pain. Science Advances. 7 October 2022. (Impact factor 2022:13.6)
- 7) Jeff Yat-Fai Chung, Patrick Ming-Kuen Tang, **Max Kam-Kwan Chan**, Li Wang, Xiao-Ru Huang, Ka-Fai To, Ronald CW Ma, Hui-Yao Lan. AANG Prevents Smad3-dependent Diabetic Nephropathy by Restoring Pancreatic β -Cell Development in db/db Mice. International Journal of Biological Sciences. 2022, Vol. 18. (Impact factor 2022:9.2)
- 8) Philip Chiu-Tsun Tang, Ying-Ying Zhang, Jane Siu-Fan Li, **Max Kam-Kwan Chan**, Jiaoyi Chen, Ying Tang, Yiming Zhou, Dongmei Zhang, Kam-Tong Leung, Ka-Fai To, Sydney Chi-Wai Tang, Hui-Yao Lan, Patrick Ming-Kuen Tang. LncRNA-Dependent Mechanisms of Transforming Growth Factor- β : From Tissue Fibrosis to Cancer Progression. Non-Coding RNA. 2022, 8, 36. (Impact factor 2022: 4.3)
- 9) Jeff Yat-Fai Chung, **Max Kam-Kwan Chan (Co-first)**, Philip Chiu-Tsun Tang, Alex Siu-Wing Chan, Justin Shing-Yin Chung, Xiao-Ming Meng, Ka-Fai To, Hui-Yao Lan, Kam-Tong Leung, Patrick Ming-Kuen Tang. AANG: A natural compound formula for overcoming multidrug resistance via synergistic rebalancing the TGF- β /Smad signalling in hepatocellular carcinoma. Journal of Cellular and Molecular Medicine. 2021; 00:1–9. (Impact factor 2022: 5.3)
- 10) Jeff Yat-Fai Chung, **Max Kam-Kwan Chan (Co-first)**, Jane Siu-Fan Li, Alex Siu-Wing Chan, Philip Chiu-Tsun Tang, Kam-Tong Leung, Ka-Fai To, Hui-Yao Lan, Patrick Ming-Kuen Tang. TGF- β Signaling: From Tissue Fibrosis to Tumor Microenvironment. International Journal of Molecular Sciences. 2021, 22(14),

7575. (Impact factor 2021: 5.6)

- 11) Philip Chiu-Tsun Tang, Ying-Ying Zhang, **Max Kam-Kwan Chan**, Winson Wing-Yin Lam, Jeff Yat-Fai Chung, Wei Kang, Ka-Fai To, Hui-Yao Lan, Patrick Ming-Kuen Tang. The Emerging Role of Innate Immunity in Chronic Kidney Diseases. *International Journal of Molecular Sciences*. 2020, 21(11), 4018. (Impact factor 2022: 5.6)

