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The Nai-Kong Cheung Lab

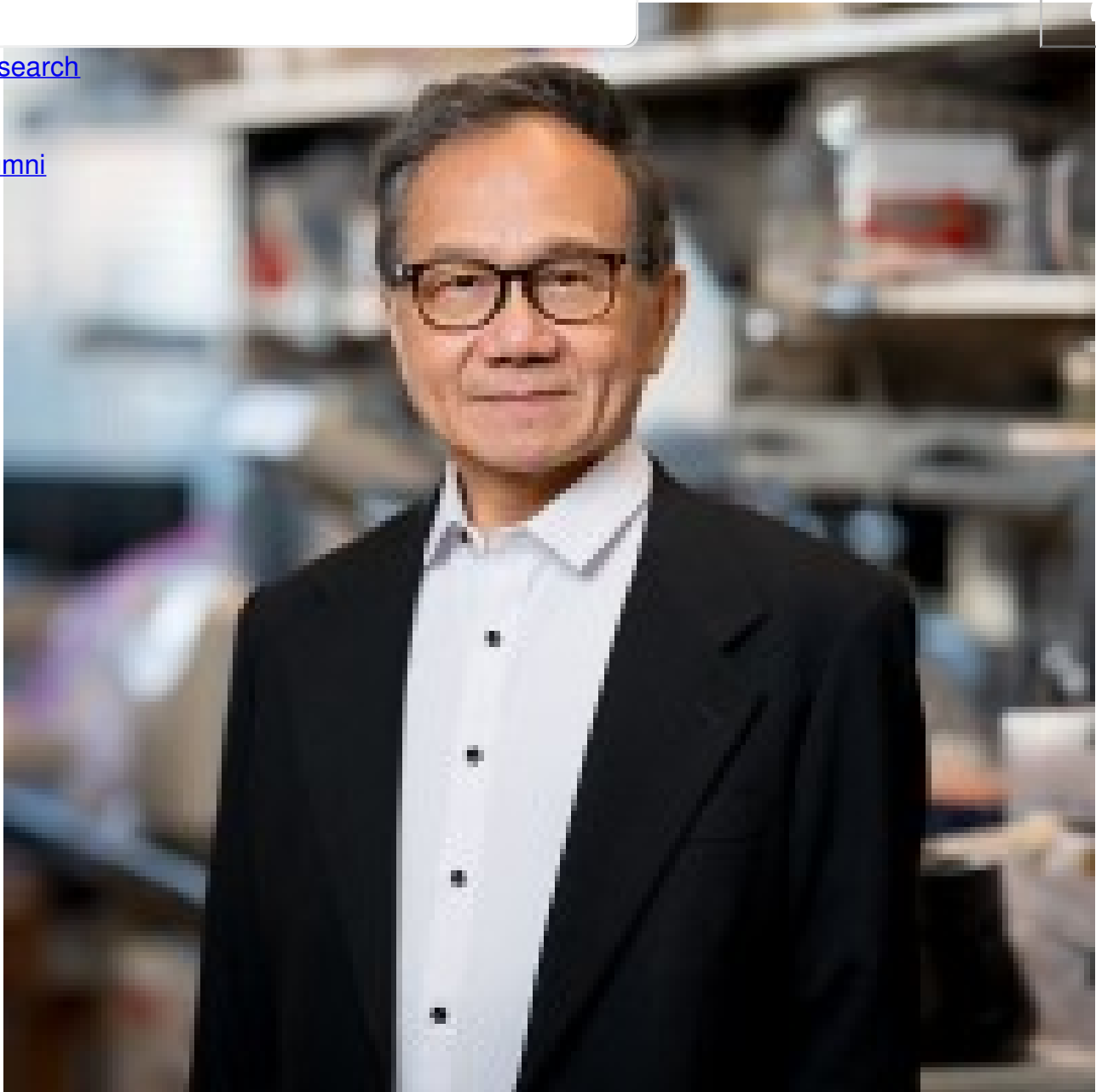
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Nai-Kong V. Cheung, MD, PhD

Enid A. Haupt Chair in Pediatric Oncology, Pediatrics

Professor

My lab focuses on engineering antibodies and immune cells to treat both solid tumors and liquid tumors in children.

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Featured News



[At Work: Physician-Scientist Nai-Kong Cheung](#)

Meet pediatric oncologist Nai-Kong Cheung, whose research into solid tumors is creating new hope for children with cancer.

Publications Highlights

Santich BH, Cheal SM, Ahmed M, McDevitt MR, Yang G, Ouerfelli Q, Veach DR, Fung EK, Patel M, Vargas DB, Malik AA, Guo HF, Zanzonico PB, Monette S, Michel AO, Rudin CM, Larson SM, Cheung NK. [A Self-Assembling and DisAssembling \(SADA\) bispecific antibody \(BsAb\) platform for curative 2-step pre-targeted radioimmunotherapy](#) Clin Can Res, 2020;27(2):532-541. doi:10.1158/1078-0432.CCR-20-2150

Gundem G, Levine MF, Roberts SS, Cheung IY, Medina-Martínez JS, Feng Y, Arango-Ossa JE, Chadoutaud L, Rita M, Asimomitis G, Zhou J, You D, Bouvier N, Spitzer B, Solit DB, Dela Cruz F, LaQuaglia MP, Kushner BH, Modak S, Shukla N, Iacobuzio-Donahue CA, Kung AL, Cheung NV, Papaemmanuil E. [Clonal evolution during metastatic spread in high-risk neuroblastoma](#). Nat Genet. 2023 Jun;55(6):1022-1033. doi: 10.1038/s41588-023-01395-x.

Park JA, Espinosa-Cotton M, Guo HF, Monette S, Cheung NKV. [Targeting tumor vasculature to improve antitumor activity of T cells armed ex vivo with T cell engaging bispecific antibody](#). J Immunother Cancer 2023 Mar;11(3):e006680. doi:10.1136/jitc-2023-006680.

Chung SK, Vargas DB, Chandler CS, Katugampola S, Veach DR, McDevitt MR, Seo SH, Vaughn BA, Rinne SS, Punzalan B, Patel M, Xu H, Guo HF, Zanzonico PB, Monette S, Yang G, Ouerfelli O, Nash GM, Cercek A, Fung EK, Howell RW, Larson SM, Cheal SM, Cheung NK. [Efficacy of HER2-Targeted Intraperitoneal 225Ac \$\alpha\$ -Pretargeted Radioimmunotherapy for Small-Volume Ovarian Peritoneal Carcinomatosis](#). J Nucl Med. 2023 Sep; 64(9):1439-1445. doi: 10.2967/jnumed.122.265095.

Cheung IY, Mauguen A, Modak S, Ragupathi G, Basu EM, Roberts SS, Kushner BH, Cheung NK. [Effect of Oral \$\beta\$ -Glucan on Antibody Response to Ganglioside Vaccine in Patients With High-Risk Neuroblastoma: A Phase 2 Randomized Clinical Trial](#). JAMA

[View All Publications](#)

People



Nai-Kong V. Cheung, MD, PhD

Enid A. Haupt Chair in Pediatric Oncology, Pediatrics

Professor

- Physician-scientist Nai-Kong Cheung focuses on engineering antibodies and immune cells to treat both solid tumors and liquid tumors in children.
- MD, PhD (Immunology), Harvard Medical School

cheungn@mskcc.org

Email Address

[646-888-2313](tel:646-888-2313)

Office Phone

[View physician profile](#)

Physician profile

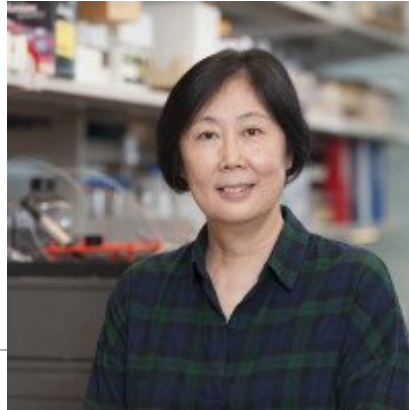
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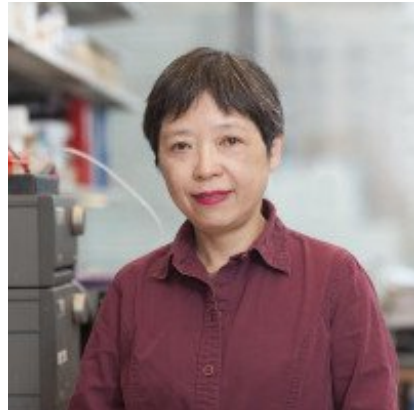
Irene Cheung
Laboratory Member and
Attending Clinical Immunologist



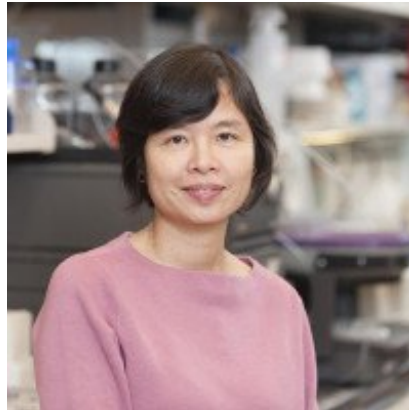
Madelyn Espinosa-Cotton
Senior Research Scientist



Yi Feng
Senior Research Assistant



Hong-fen Guo
Research Assistant/Specialist



Hoa Tran
Senior Research Assistant

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Alumni

Lab Affiliations

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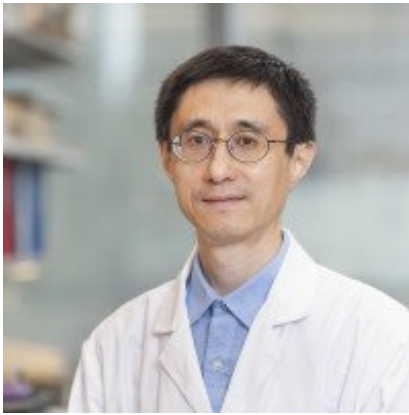
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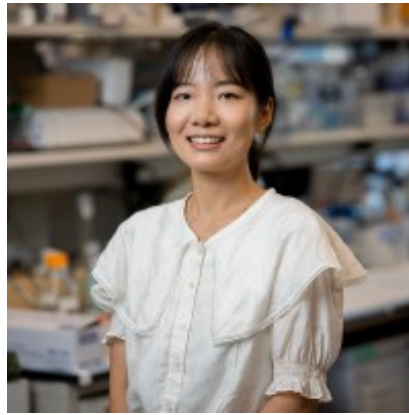
✉ cheungn@mskcc.org

Lab Head Email

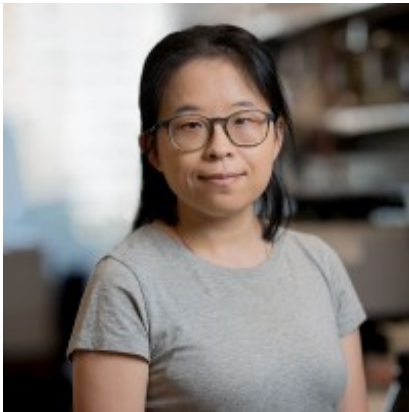
☎ [646-888-2313](tel:646-888-2313)



Hong Xu
Senior Research Scientist



Qi Chang
Research Scholar



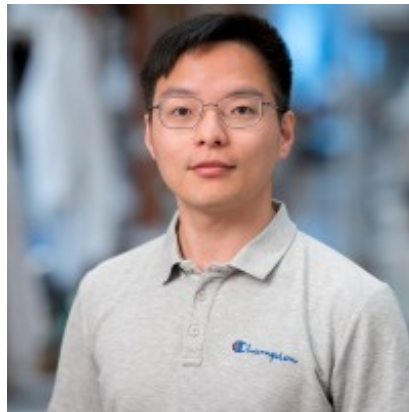
Junfang Li
Research Scholar



Ahmed Mahmoud
Research Scholar



Navya Vemula
Postdoctoral Fellow



Yong Wang
Research Scholar

Office Phone

 [646-888-2320](tel:646-888-2320)

Lab Phone

Disclosures

Members of the MSK Community often work with pharmaceutical, device, biotechnology, and life sciences companies, and other organizations outside of MSK, to find safe and effective cancer treatments, to improve patient care, and to educate the health care community. These activities outside of MSK further our mission, provide productive collaborations, and promote the practical application of scientific discoveries.

MSK requires doctors, faculty members, and leaders to report (“disclose”) the relationships and financial interests they have with external entities. As a commitment to transparency with our community, we make that information available to the public. Not all disclosed interests and relationships present conflicts of interest. MSK reviews all disclosed

interests and relationships to assess whether a conflict of interest exists and whether formal COI management is needed.

Nai-Kong V. Cheung discloses the following relationships and financial interests:

- Abpro Inc
Equity; Intellectual Property Rights
- Biotec Pharmacon



Sophia Meixuan Zhang
Research Technician

- Eureka Therapeutics Inc
Equity; Professional Services and Activities
- Y-mAbs Therapeutics, Inc.
Equity; Intellectual Property Rights; Professional Services and Activities

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This page and data include information for a specific MSK annual disclosure period (January 1, 2024 through disclosure submission in spring 2025). This data reflects interests that may or may not still exist. This data is updated annually.

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