

Yiping Xing, MD

WORK EXPERIENCE

Hudson Dermatology
General Dermatologist

Tarrytown, New York
October 2022 - present

CLINICAL TRAINING

New York University School of Medicine

Internship in Internal Medicine

Residency in Dermatology

New York, New York

July 2018 – June 2019

July 2019 – June 2022

- **Chief Resident** (2021-2022)
- **Activities:** Member of Resident Education Committee (2019-2022) and the Social Committee (2020-2021)

EDUCATION

New York University School of Medicine

Doctor of Medicine

New York, New York

July 2015-June 2018

- Accelerated 3 Year MD Pathway in the Department of Dermatology
- Jan T. and Marica Vilcek Merit Scholarship
- **Activities:** Physicians for Human Rights (Co-President), Global Medicine Club (Co-President), Food & Wine Society (Co-President)

Massachusetts Institute of Technology

Bachelor of Science

Cambridge, Massachusetts

September 2011-February 2015

- B.S. in Biology, Concentration in Economics
- **Selected activities:** International Development House (President), Amnesty International (External Liaison), Teaching Assistant (Intro to Electricity and Magnetism Spring 2013 and 2014, Experimental Biology and Communication Spring 2014, Topics in International Development Fall 2014), Hope in Flight (co-founder of international development project/social venture in Tamale, Ghana)

SELECTED RESEARCH EXPERIENCE

NYU Department of Dermatology

Advisor: Dr. David Polsky

New York, NY

July 2020-June 2022

- Resident Lead, 2021-2022 in ongoing clinical trial - SpotCheck: Comparison of Enhanced Telemedicine Versus In-Person Evaluation for the Diagnosis of Skin Cancer.
 - This prospective clinical trial (enrollment expected to end at the end of 2022) aims to test a novel, telemedicine-based skin lesion diagnostic platform (SpotCheck) that has the potential to improve access to needed dermatologic care to those living in medically underserved areas.
- Contributed to development of a novel melanoma risk prediction model incorporating both traditional melanoma risk factors and genetic factors.

MIT: Labs of Dr. Robert Langer and Dr. Daniel Anderson

Researcher—Koch Institute for Integrative Cancer Research

Cambridge, Massachusetts

January 2013-June 2015

- Developed lipid-based nanoparticles for the most efficient endothelial nucleic acid (siRNA, mRNA) delivery to date for both therapeutic (lung cancer, post-MI) and scientific uses.
- Developed cost-effective, high throughput in-vivo assay for rapidly screening nucleic acid delivery vehicles.
- Worked full time Jan-June 2015 as project manager of the high throughput-screening project

PUBLICATIONS

- Dahlman JE*, Kauffman KJ*, **Xing Y* (co-first author)**, Shaw TE, Mir FF, Dlott CC, Langer R, Anderson DG, Wang ET. *Barcoded nanoparticles for high throughput in vivo discovery of targeted therapeutics. Proceedings of the National Academy of Science*. Doi: 10.1073/pnas.1620874114. January 3rd, 2017.
 - Highlighted by MIT News, Georgia Tech, University of Florida, ASME, Science Daily, Phys.org, and others.

- Sager HB, Dutta P, Dahlman JE, Hulsmans M, Courties G, Sun Y, Heidt T, Vinegoni C, Borodovsky A, Fitzgerald K, Wojtkiewicz GR, Iwamoto Y, Tricot B, Khan OF, Kauffman KJ, **Xing Y**, Shaw TE, Libby P, Langer R, Weissleder R, Swirski FK, Anderson DG, Nahrendorf M. *RNAi targeting multiple cell adhesion molecules reduces immune cell recruitment and vascular inflammation after myocardial infarction*. **Science Translational Medicine**. Doi: 10.1126/scitranslmed.aaf1435. June 8th, 2016. **Cover Feature**.
 - Highlighted by MGH news, Nature Reviews Cardiology, Science, and others.
- Dahlman JE, Barnes C, Khan OF, Thiriot A, Jhunjunwala S, Shaw TE, **Xing Y**, Sager HB, Sahay G, Speciner L, Bader A, Bogorad RL, Yin H, Racie T, Dong Y, Jiang S, Seedorf D, Dave A, Singh SK, Webber MJ, Novobrantseva T, Ruda VM, Lytton-Jean Abigail KR, Levins CG, Kalish B, Mudge DK, Perez M, Abezgauz L, Dutta P, Smith L, Charisse K, Kieran MW, Fitzgerald K, Nahrendorf, Matthias Danino D, Tuder RM, von Andrian UH, Akinc A, Panigrahy D, Schroeder A, Koteliansky V, Langer R, Anderson DG. *In vivo endothelial siRNA delivery using polymeric nanoparticles with low molecular weight*. **Nature Nanotechnology**. doi:10.1038/nnano.2014.84. May 11th, 2014. **Cover Feature**.
 - Highlighted by MIT news, MIT Tech Review, Nature Materials, Nature Medicine, and others.
- Dummula K, Vinukonda G, Chu P, **Xing Y**, Hu F, Maik S, Csiszar A, Chua C, Mouton P, Kayton RJ, Brumberg JC, Bansal R, Ballabh P. *Bone morphogenetic protein inhibition promotes neurological recovery after Intraventricular Hemorrhage*. **Journal of Neuroscience**. 31:12068-12082. August 24th, 2011.

SELECTED HONORS

- 2022 American Academy of Dermatology (AAD) Dermatopathology Bowl, 1st Place
- 2021 Rudin Research Fellowship Recipient
- 2019 Nominated and inducted to NYU Residents and Fellows Chapter of the Gold Humanism Honor Society
- 2015-2018 Jan T. and Marica Vilcek Merit Scholarship
 - Full cost of attendance merit scholarship covering all 3 years of medical school, awarded to 2 NYU medical students per class at the time.
- 2015 Rhodes Scholarship Finalist, District 10
- 2015 MIT Koch Institute for Cancer Research New Frontiers Grant
 - Supports early-stage research projects with groundbreaking potential.
- 2014 MIT Gene Brown Prize
 - For outstanding academic scholarship and demonstrated excellence as a teaching assistant.
- 2014 Dana Mead Fellowship
- 2013 MIT Tau Beta Pi Engineering Honor Society Summer Service and Engineering Fellowship
- 2013 MIT Global IDEAS Challenge Winner
- 2012 MIT Peter and Sharon Fiekowsky Award
- 2012 New Horizons UROP Fellowship Recipient

PRESS MENTIONS

- 2015, MIT News/Spotlight: MIT accepts departmental nominations for and chooses 12 outstanding seniors to be featured on the MIT.edu front homepage throughout the year.
 - <http://news.mit.edu/2015/student-profile-yiping-xing-0209>
- 2015, US News & World Report: Interviewed for why I chose MIT in their annual best college guide
 - <http://www.usnews.com/education/best-colleges/articles/2015/09/28/graduates-students-explain-what-drew-them-to-their-colleges>

LANGUAGES

- English
- Mandarin Chinese