



Madelena Ng

Postdoctoral Scholar, Biomedical Informatics

Bio

BIO

Madelena Ng is a postdoctoral scholar working with Dr. Tina Hernandez-Boussard at the Stanford Center for Biomedical Informatics Research (BMIR).

PROFESSIONAL EDUCATION

- DrPH, University of California, Berkeley , Public Health with DE in Science and Technology Studies
- MPH, University of California, Los Angeles , Epidemiology
- BS, University of California, Los Angeles , Neuroscience with minor in Asian American Studies

STANFORD ADVISORS

- Tina Hernandez-Boussard, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **The AI life cycle: a holistic approach to creating ethical AI for health decisions.** *Nature medicine*
Ng, M. Y., Kapur, S., Blizinsky, K. D., Hernandez-Boussard, T.
2022
- **Usability, inclusivity, and content evaluation of COVID-19 contact tracing apps in the United States** *JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
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- **Smartphone-Based Geofencing to Ascertain Hospitalizations** *CIRCULATION-CARDIOVASCULAR QUALITY AND OUTCOMES*
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- **Continuous daily assessment of multiple sclerosis disability using remote step count monitoring** *JOURNAL OF NEUROLOGY*
Block, V. J., Lizee, A., Crabtree-Hartman, E., Bevan, C. J., Graves, J. S., Bove, R., Green, A. J., Nourbakhsh, B., Tremblay, M., Gourraud, P., Ng, M. Y., Pletcher, M. J., Olgin, et al
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- **IRF8 acts in lineage-committed rather than oligopotent progenitors to control neutrophil vs monocyte production** *BLOOD*
Yanez, A., Ng, M. Y., Hassanzadeh-Kiabi, N., Goodridge, H. S.
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- **Detection of a TLR2 agonist by hematopoietic stem and progenitor cells impacts the function of the macrophages they produce** *EUROPEAN JOURNAL OF IMMUNOLOGY*

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- **Preferential Biological Processes in the Human Limbus by Differential Gene Profiling** *PLOS ONE*

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2013; 8 (4): e61833

- **Wnt/beta-Catenin Signaling Regulates Proliferation of Human Cornea Epithelial Stem/Progenitor Cells** *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE*

Nakatsu, M. N., Ding, Z., Ng, M. Y., Truong, T. T., Yu, F., Deng, S. X.
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