


Stanford



Purvesh Khatri

Associate Professor (Research) of Medicine (Biomedical Informatics - Research Institute for Immunity, Transplantation and Infection) and of Biomedical Data Science

 NIH Biosketch available Online

 Curriculum Vitae available Online

CONTACT INFORMATION

• Alternate Contact

Natasha Haulman - Administrative Assistant

Email nhaulman@stanford.edu

Bio

ACADEMIC APPOINTMENTS

- Associate Professor (Research), Medicine
- Associate Professor (Research), Biomedical Data Science
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Faculty Fellow, Stanford ChEM-H

ADMINISTRATIVE APPOINTMENTS

- Assistant Professor, Institute for Immunity, Transplantation and Infection, (2014- present)

Teaching

COURSES

2018-19

- Essential Methods in Computational and Systems Immunology: IMMUNOL 207 (Spr)
- Seminars in Computational and Systems Immunology: IMMUNOL 310 (Sum)

2017-18

- Essential Methods in Computational and Systems Immunology: IMMUNOL 207 (Spr)
- Seminars in Computational and Systems Immunology: IMMUNOL 310 (Sum)

2016-17

- Essential Methods in Computational and Systems Immunology: IMMUNOL 207 (Spr)
- Seminars in Computational and Systems Immunology: IMMUNOL 310 (Sum)

2015-16

- Advanced Computational and Systems Immunology: IMMUNOL 208 (Aut)

STANFORD ADVISEES

Med Scholar Project Advisor

Tej Azad

Doctoral Dissertation Reader (AC)

Lichy Han

Postdoctoral Faculty Sponsor

Guangbo Chen, Denis Dermadi Bebek, Michele Donato, Simone Thair

Doctoral Dissertation Advisor (AC)

Ananthakrishnan Ganesan

Postdoctoral Research Mentor

Denis Dermadi Bebek, Simone Thair

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biomedical Informatics (Phd Program)
- Immunology (Phd Program)

Publications

PUBLICATIONS

- **Increased monocyte count as a cellular biomarker for poor outcomes in fibrotic diseases: a retrospective, multicentre cohort study.** *The Lancet. Respiratory medicine*
Scott, M. K., Quinn, K., Li, Q., Carroll, R., Warsinske, H., Vallania, F., Chen, S., Carns, M. A., Aren, K., Sun, J., Koloms, K., Lee, J., Baral, et al
2019
- **Leveraging heterogeneity across multiple datasets increases cell-mixture deconvolution accuracy and reduces biological and technical biases.** *Nature communications*
Vallania, F., Tam, A., Lofgren, S., Schaffert, S., Azad, T. D., Bongen, E., Haynes, W., Alsup, M., Alonso, M., Davis, M., Engleman, E., Khatri, P.
2018; 9 (1): 4735
- **Author Correction: A multi-cohort study of the immune factors associated with M. tuberculosis infection outcomes.** *Nature*
Roy Chowdhury, R., Vallania, F., Yang, Q., Lopez Angel, C. J., Darboe, F., Penn-Nicholson, A., Rozot, V., Nemes, E., Malherbe, S. T., Ronacher, K., Walzl, G., Hanekom, W., Davis, et al
2018
- **A multi-cohort study of the immune factors associated with M. tuberculosis infection outcomes.** *Nature*
Roy Chowdhury, R., Vallania, F., Yang, Q., Lopez Angel, C. J., Darboe, F., Penn-Nicholson, A., Rozot, V., Nemes, E., Malherbe, S. T., Ronacher, K., Walzl, G., Hanekom, W., Davis, et al
2018
- **KLRD1-expressing natural killer cells predict influenza susceptibility** *GENOME MEDICINE*
Bongen, E., Vallania, F., Utz, P. J., Khatri, P.
2018; 10: 45

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