Stanford

Imran Mohammad

Postdoctoral Scholar, Otolaryngology - Head & Neck Surgery

Bio

PROFESSIONAL EDUCATION

- Bachelor of Technology, KL University, India , Biotechnology (2009)
- Master of Science, Swedish University of Agricultural Sciences, Sweden , Biotechnology (2015)
- Doctor of Philosophy, University of Turku, Finland , Molecular Immunology (2018)

STANFORD ADVISORS

- John Sunwoo, Postdoctoral Faculty Sponsor

Research & Scholarship

LAB AFFILIATIONS

- John Sunwoo (1/6/2020)

Publications

PUBLICATIONS

- **Single-cell RNA sequencing of human lung innate lymphoid cells in the vascular and tissue niche reveals molecular features of tissue adaptation** *Discover immunology*
  Mohammad, I.
  2023
- **A single-cell map of vascular and tissue lymphocytes identifies proliferative TCF-1(+) human innate lymphoid cells** *FRONTIERS IN IMMUNOLOGY*
  Gao, Y., Alisjahbana, A., Boey, D., Mohammad, I., Sleiers, N., Dahlin, J. S., Dahlin, S., Willinger, T.
  2022; 13: 902881
- **Landscape of innate lymphoid cells in human head and neck cancer reveals divergent NK cell states in the tumor microenvironment.** *Proceedings of the National Academy of Sciences of the United States of America*
  Moreno-Nieves, U. Y., Tay, J. K., Saumyaa, S., Horowitz, N. B., Shin, J. H., Mohammad, I. A., Luca, B., Mundy, D. C., Gulati, G. S., Bedi, N., Chang, S., Chen, C., Kaplan, et al
  2021; 118 (28)
- **Humanized Mouse Models for the Advancement of Innate Lymphoid Cell-Based Cancer Immunotherapies.** *Frontiers in immunology*
  Horowitz, N. B., Mohammad, I., Moreno-Nieves, U. Y., Koliesnik, I., Tran, Q., Sunwoo, J. B.
  2021; 12: 648580
- **Human macrophages and innate lymphoid cells: Tissue-resident innate immunity in humanized mice** *BIOCHEMICAL PHARMACOLOGY*
  Alisjahbana, A., Mohammad, I., Gao, Y., Evren, E., Ringqvist, E., Willinger, T.
  2020; 174: 113672

- **Quantitative proteomic characterization and comparison of T helper 17 and induced regulatory T cells** *PLOS BIOLOGY*
  Mohammad, I., Nousiainen, K., Bhosale, S. D., Starskaia, I., Moulder, R., Rokka, A., Cheng, F., Mohanasundaram, P., Eriksson, J. E., Goodlett, D. R., Lahdesmaki, H., Chen, Z.
  2018; 16 (5): e2004194

- **Estrogen receptor alpha contributes to T cell-mediated autoimmune inflammation by promoting T cell activation and proliferation** *SCIENCE SIGNALING*
  Mohammad, I., Starskaia, I., Nagy, T., Guo, J., Yatkin, E., Vaananen, K., Watford, W. T., Chen, Z.
  2018; 11 (526)