

Stanford



Paras Minhas

- MD Student, expected graduation Spring 2021
- Ph.D. Student in Neurosciences, admitted Summer 2015
- MSTP Student

Bio

LINKS

- Andreasson Lab: <http://neurology.stanford.edu/labs/andreassonlab/>
- Longitude Pittsburgh Organization: Longitudepittsburgh.org

Research & Scholarship

LAB AFFILIATIONS

- Katrin Andreasson, Andreasson Lab (6/23/2014)

Publications

PUBLICATIONS

- **The Dueling Duo: IL10 and TNF Face Off in Microglial Recovery from Endotoxin Challenge.** *Immunity*
Minhas, P. S., Durairaj, A. S., Andreasson, K. I.
2020; 53 (5): 897–99
- **Mitochondrial dysfunction mediated through dynamin-related protein 1 (Drp1) propagates impairment in blood brain barrier in septic encephalopathy.** *Journal of neuroinflammation*
Haileselassie, B., Joshi, A. U., Minhas, P. S., Mukherjee, R., Andreasson, K. I., Mochly-Rosen, D.
2020; 17 (1): 36
- **Soluble TREM2 is elevated in Parkinson's disease subgroups with increased CSF tau.** *Brain : a journal of neurology*
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2020
- **In Regard to Okonogi et al.** *International journal of radiation oncology, biology, physics*
Minhas, P. S., Tran, S.
2019; 104 (1): 222–23
- **Revisiting IDO and its value as a predictive marker for anti-PD-1 resistance.** *Journal of translational medicine*
Moon, P. K., Tran, S., Minhas, P. S.
2019; 17 (1): 31
- **Therapeutic strategies for diffuse midline glioma from high-throughput combination drug screening.** *Science translational medicine*
Lin, G. L., Wilson, K. M., Ceribelli, M., Stanton, B. Z., Woo, P. J., Kreimer, S., Qin, E. Y., Zhang, X., Lennon, J., Nagaraja, S., Morris, P. J., Quezada, M., Gillespie, et al
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- **Aldehyde dehydrogenase 2 activity and aldehydic load contribute to neuroinflammation and Alzheimer's disease related pathology.** *Acta neuropathologica communications*
Joshi, A. U., Van Wassenhove, L. D., Logas, K. R., Minhas, P. S., Andreasson, K. I., Weinberg, K. I., Chen, C. H., Mochly-Rosen, D.
2019; 7 (1): 190
- **Fragmented mitochondria released from microglia trigger A1 astrocytic response and propagate inflammatory neurodegeneration.** *Nature neuroscience*
Joshi, A. U., Minhas, P. S., Liddelow, S. A., Haileselassie, B., Andreasson, K. I., Dorn, G. W., Mochly-Rosen, D.
2019; 22 (10): 1635–48
- **Peripheral TREM1 responses to brain and intestinal immunogens amplify stroke severity** *Nature Immunology*
Liu, Q., Johnson, E., et al
2019
- **Macrophage de novo NAD⁺ synthesis specifies immune function in aging and inflammation.** *Nature immunology*
Minhas, P. S., Liu, L., Moon, P. K., Joshi, A. U., Dove, C., Mhatre, S., Contrepolis, K., Wang, Q., Lee, B. A., Coronado, M., Bernstein, D., Snyder, M. P., Migaud, et al
2018
- **Reexamining IFN-gamma Stimulation of De Novo NAD⁺ in Monocyte-Derived Macrophages.** *International journal of tryptophan research : IJTR*
Moon, P., Minhas, P. S.
2018; 11: 1178646918773067
- **Passport to pathology: transforming the medical student pathology elective from a passive educational experience to an exciting, immersive clinical rotation.** *Human pathology*
Minhas, P. S., Enogieru, I. E., Mitchell, R. N., Mata, D. A.
2017; 68: 34–39
- **Reevaluating the role of IDO1: Examining NAD⁺ metabolism in inflammation.** *Journal of neuroimmunology*
Moon, P. K., Minhas, P. S.
2017; 307: 31–32
- **Reevaluating the role of IDO1: Examining NAD⁺ metabolism in inflammation** *Journal of Neuroimmunology*
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2017; 307: 31-32
- **Teasing apart NAD(+) metabolism in inflammation: commentary on Zhou et al. (2016). Br J Pharmacol 173: 2352-2368.** *British journal of pharmacology*
Moon, P., Minhas, P.
2017; 174 (3): 281–83
- **Immersion medicine programme for secondary students.** *The clinical teacher*
Minhas, P. S., Kim, N., Myers, J., Caceres, W., Martin, M., Singh, B.
2017
- **Histone deacetylase 3 associates with MeCP2 to regulate FOXO and social behavior.** *Nature neuroscience*
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- **Cyclooxygenase inhibition targets neurons to prevent early behavioural decline in Alzheimer's disease model mice** *BRAIN*
Woodling, N. S., Colas, D., Wang, Q., Minhas, P., Panchal, M., Liang, X., Mhatre, S. D., Brown, H., Ko, N., Zagol-Ikapitte, I., Van der Hart, M., Khroyan, T. V., Chuluun, et al
2016; 139: 2063-2081
- **Neuropathology: bridging psychiatry and neurology in medical education.** *The lancet. Psychiatry*
Minhas, P., Chu, Y., Mata, D. A.
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- **Modulation of mitochondrial complex I activity averts cognitive decline in multiple animal models of familial Alzheimer's Disease.** *EBioMedicine*
Zhang, L., Zhang, S., Maezawa, I., Trushin, S., Minhas, P., Pinto, M., Jin, L. W., Prasain, K., Nguyen, T. D., Yamazaki, Y., Kanekiyo, T., Bu, G., Gateno, et al
2015; 2 (4): 294–305

- **The effects of passive and active learning on student preference and performance in an undergraduate basic science course** *ANATOMICAL SCIENCES EDUCATION*
Minhas, P. S., Ghosh, A., Swanzy, L.
2012; 5 (4): 200-207
- **Risk factors for positive admission surveillance cultures for methicillin-resistant *Staphylococcus aureus* and vancomycin-resistant enterococci in a neurocritical care unit** *CRITICAL CARE MEDICINE*
Minhas, P., Perl, T. M., Carroll, K. C., Shepard, J. W., Shangraw, K. A., Fellerman, D., Ziai, W. C.
2011; 39 (10): 2322-2329