Stanford

Mohit Rastogi

Postdoctoral Scholar, Pathology

Bio

HONORS AND AWARDS

- Neuroscience Research Training Scholarship, American Academy of Neurology (July 2025)

PROFESSIONAL EDUCATION

- Master of Technology, Amity University Noida (2013)
- Doctor of Philosophy, Universita Degli Studi Di Genova (2021)

STANFORD ADVISORS

- Marius Wernig, Postdoctoral Research Mentor
- Thomas Montine, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Traumatic life experiences during critical periods lead to diverse developmental trajectories** *CELL REPORTS MEDICINE*
  Morelli, G., Visintin, G., Gelli, E., Serani, A., Bartolucci, M., Uccella, S., D'Apruzzo, M., Preiti, D., Chellali, M., Cucinelli, A., Rastogi, M., Falappa, M., Scalabrini, et al
  2026; 7 (6): 102798

- **Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder.** *Cell*
  Ghoochani, A., Heiby, J. C., Rawat, E. S., Medoh, U. N., Di Fraia, D., Dong, W., Gastou, M., Rastogi, M., Hernandez, V., Nyame, K., Laqtom, N. N., Durso, W., Valkova, et al
  2026

- **Defined human tri-lineage brain microtissues.** *bioRxiv : the preprint server for biology*
  Uenaka, T., Jung, S., Kumar, I., Vodehnal, K., Rastogi, M., Yoo, Y., Koontz, M., Thome, C., Li, W., Chan, T., Green, E. M., Chesnov, K., Sun, et al
  2025

- **Cell-surface proteomic profiling identifies CD72 as a regulator of microglial tiling.** *bioRxiv : the preprint server for biology*
  Chan, T. C., Rastogi, M., Williams, M. X., Zhang, S., Shi, S. M., Shuken, S. R., Bartling, T., Wild, K., Atkins, M., Hahn, O., Paulo, J. A., Jereb, S., Shuster, et al
  2025

- **Integrative multi-omic analysis reveals conserved cell-projection deficits in human Down syndrome brains.** *Neuron*
  Rastogi, M., Bartolucci, M., Nanni, M., Aloisio, M., Vozzi, D., Petretto, A., Contestabile, A., Cancedda, L.
  2024; 112 (15): 2503-2523.e10

- **Heterogeneous subpopulations of GABAAR-responding neurons coexist across neuronal network scales and developmental stages in health and disease.** *iScience*
  Colombi, I., Rastogi, M., Parrini, M., Alberti, M., Potenzieri, A., Chellali, M. M., Rosati, S., Chiappalone, M., Nanni, M., Contestabile, A., Cancedda, L.
  2024; 27 (4): 109438

- **Rescuing Over-activated Microglia Restores Cognitive Performance in Juvenile Animals of the Dp(16) Mouse Model of Down Syndrome.** *Neuron*

Pinto, B., Morelli, G., Rastogi, M., Savardi, A., Fumagalli, A., Petretto, A., Bartolucci, M., Varea, E., Catelani, T., Contestabile, A., Perlini, L. E., Cancedda, L.

2020; 108 (5): 887-904.e12

- **Brain region specific methylation and Sirt1 binding changes in MAOA promoter is associated with sexual dimorphism in early life stress induced aggressive behavior.** *Neurochemistry international*

  Konar, A., Rastogi, M., Bhambri, A.

  2019; 129: 104510