

Tal Iram

Instructor, Neurology & Neurological Sciences

Bio

ACADEMIC APPOINTMENTS

- Instructor, Neurology & Neurological Sciences

Publications

PUBLICATIONS

- **Single Cell ADNP Predictive of Human Muscle Disorders: Mouse Knockdown Results in Muscle Wasting.** *Cells*
Kapitansky, O., Karmon, G., Sragovich, S., Hadar, A., Shahoha, M., Jaljuli, I., Bikovski, L., Giladi, E., Palovics, R., Iram, T., Gozes, I.
2020; 9 (10)
- **Physiological blood-brain transport is impaired with age by a shift in transcytosis.** *Nature*
Yang, A. C., Stevens, M. Y., Chen, M. B., Lee, D. P., Stahli, D., Gate, D., Contrepolis, K., Chen, W., Iram, T., Zhang, L., Vest, R. T., Chaney, A., Lehallier, et al
2020
- **Lipid-droplet-accumulating microglia represent a dysfunctional and proinflammatory state in the aging brain.** *Nature neuroscience*
Marschallinger, J., Iram, T., Zardeneta, M., Lee, S. E., Lehallier, B., Haney, M. S., Pluvinage, J. V., Mathur, V., Hahn, O., Morgens, D. W., Kim, J., Tevini, J., Felder, et al
2020
- **A single-cell transcriptomic atlas characterizes ageing tissues in the mouse.** *Nature*
2020
- **Ageing hallmarks exhibit organ-specific temporal signatures.** *Nature*
Schaum, N. n., Lehallier, B. n., Hahn, O. n., Pálovics, R. n., Hosseinzadeh, S. n., Lee, S. E., Sit, R. n., Lee, D. P., Losada, P. M., Zardeneta, M. E., Fehlmann, T. n., Webber, J. T., McGeever, et al
2020
- **An 80,000-Piece Puzzle of Alzheimer's Disease.** *Immunity*
Iram, T., Keller, A., Wyss-Coray, T.
2019; 50 (6): 1349–51
- **CD22 blockade restores homeostatic microglial phagocytosis in ageing brains.** *Nature*
Pluvinage, J. V., Haney, M. S., Smith, B. A., Sun, J., Iram, T., Bonanno, L., Li, L., Lee, D. P., Morgens, D. W., Yang, A. C., Shuken, S. R., Gate, D., Scott, et al
2019
- **Single-cell analysis of cytoskeleton dynamics: From isoelectric focusing to live cell imaging and RNA-seq.** *Journal of neuroscience methods*
Gozes, I. n., Ivashko-Pachima, Y. n., Kapitansky, O. n., Sayas, C. L., Iram, T. n.
2019
- **Single-cell transcriptomics of 20 mouse organs creates a Tabula Muris.** *Nature*
2018; 562 (7727): 367–72
- **Plum, an Immunoglobulin Superfamily Protein, Regulates Axon Pruning by Facilitating TGF- β Signaling.** *Neuron*
Yu, X. M., Gutman, I., Mosca, T. J., Iram, T., Ozkan, E., Garcia, K. C., Luo, L., Schuldiner, O.
2013; 78 (3): 456-468