

Stanford

Omer Revah

Postdoctoral Research Fellow, Psychiatry

Bio

HONORS AND AWARDS

- Maternal and Child Health Research Institute Postdoctoral Support, Maternal and Child Health Research Institute (MCHRI) (2019-2021)
- School of Medicine Dean's Postdoctoral Fellowship, Stanford University School of Medicine (2019-2020)
- Postdoctoral Fellowship, The Moses Feldman Family Foundation (2018-2020)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Hebrew University of Jerusalem (2018)
- Doctor of Veterinary Medicine, Hebrew University Of Jerusalem (2017)
- Bachelor of Science, Hebrew University Of Jerusalem (2017)

Research & Scholarship

LAB AFFILIATIONS

- Sergiu Pasca, Pasca Lab (1/1/2018)
- John Huguenard, Hlab (1/1/2018)

Publications

PUBLICATIONS

- **Neuronal defects in a human cellular model of 22q11.2 deletion syndrome.** *Nature medicine*
Khan, T. A., Revah, O., Gordon, A., Yoon, S. J., Krawisz, A. K., Goold, C., Sun, Y., Kim, C. H., Tian, Y., Li, M. Y., Schaepe, J. M., Ikeda, K., Amin, et al
2020
- **Dynamic Gain Analysis Reveals Encoding Deficiencies in Cortical Neurons That Recover from Hypoxia-Induced Spreading Depolarizations** *JOURNAL OF NEUROSCIENCE*
Revah, O., Stoler, O., Neef, A., Wolf, F., Fleidervish, I. A., Gutnick, M. J.
2019; 39 (39): 7790–7800
- **Human 3D cellular model of hypoxic brain injury of prematurity.** *Nature medicine*
Pa#ca, A. M., Park, J. Y., Shin, H. W., Qi, Q., Revah, O., Krasnoff, R., O'Hara, R., Willsey, A. J., Palmer, T. D., Pa#ca, S. P.
2019
- **Reliability of human cortical organoid generation.** *Nature methods*
Yoon, S. J., Elahi, L. S., Pa#ca, A. M., Marton, R. M., Gordon, A., Revah, O., Miura, Y., Walczak, E. M., Holdgate, G. M., Fan, H. C., Huguenard, J. R., Geschwind, D. H., Pa#ca, et al
2019; 16 (1): 75–78
- **Differentiation and maturation of oligodendrocytes in human three-dimensional neural cultures.** *Nature neuroscience*
Marton, R. M., Miura, Y., Sloan, S. A., Li, Q., Revah, O., Levy, R. J., Huguenard, J. R., Pa#ca, S. P.
2019

- **The earliest neuronal responses to hypoxia in the neocortical circuit are glutamate-dependent** *NEUROBIOLOGY OF DISEASE*
Revah, O., Lasser-Katz, E., Fleidervish, I. A., Gutnick, M. J.
2016; 95: 158–67
- **The Outwardly Rectifying Current of Layer 5 Neocortical Neurons that was Originally Identified as "Non-Specific Cationic" Is Essentially a Potassium Current** *PLOS ONE*
Revah, O., Libman, L., Fleidervish, I. A., Gutnick, M. J.
2015; 10 (7): e0132108