Stanford

Antonia Drinnenberg

Basic Life Research Scientist

Bioengineering

Bio

ACADEMIC APPOINTMENTS

- Basic Life Research Scientist, Bioengineering

HONORS AND AWARDS

- Long-Term Fellowship, Human Frontier Science Program (2019-2022)
- Best Publication Award, Category Systems and Behavioural Neuroscience, Swiss Society for Neuroscience (2019)
- Fellowship, Early Postdoc Mobility, Swiss National Science Foundation (SNSF) (2018-2019)
- Summa Cum Laude, PhD thesis, Friedrich-Miescher-Institute for Biomedical Research (FMI) Basel (2017)
- Swiss OphtAWARD, Category "Best Experimental Work", Swiss Society of Ophthalmology (2016)
- PhD Fellowship, Boehringer Ingelheim Fonds (BIF) (2011-2013)

Publications

PUBLICATIONS

- **How Diverse Retinal Functions Arise from Feedback at the First Visual Synapse.** *Neuron*
  Drinnenberg, A., Franke, F., Morikawa, R. K., Jüttner, J., Hillier, D., Hantz, P., Hierlemann, A., Azeredo da Silveira, R., Roska, B.
  2018

- **Congenital Nystagmus Gene FRMD7 Is Necessary for Establishing a Neuronal Circuit Asymmetry for Direction Selectivity** *NEURON*
  Yonehara, K., Fiscella, M., Drinnenberg, A., Esposti, F., Trenholm, S., Krol, J., Franke, F., Scherf, B., Kusnyerik, A., Mueller, J., Szabo, A., Juettner, J., Cordoba, et al
  2016; 89 (1): 177–93

- **Causal evidence for retina-dependent and -independent visual motion computations in mouse cortex** *NATURE NEUROSCIENCE*
  Hillier, D., Fiscella, M., Drinnenberg, A., Trenholm, S., Rompani, S. B., Raics, Z., Katona, G., Juettner, J., Hierlemann, A., Rozsa, B., Roska, B.
  2017; 20 (7): 960-+

- **Rods in daylight act as relay cells for cone-driven horizontal cell mediated surround inhibition** *NATURE NEUROSCIENCE*
  Szikra, T., Trenholm, S., Drinnenberg, A., Juettner, J., Raics, Z., Farrow, K., Biel, M., Awatramani, G., Clark, D. A., Sahel, J., da Silveira, R., Roska, B.
  2014; 17 (12): 1728–35