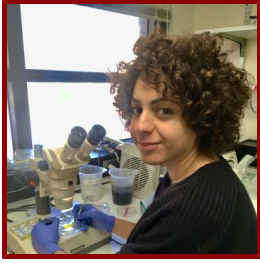


Stanford



Husniye Kantarci

Postdoctoral Research Fellow, Neurosurgery

Bio

HONORS AND AWARDS

- The Walter V. and Idun Berry Postdoctoral Fellowship, Stanford University (2018)
- Stanford School of Medicine Dean's Postdoctoral Fellowship, Stanford University (2018)
- Stanford ChEM-H Postdocs at the Interface Postdoctoral Fellowship, Stanford University (2017)
- Lawrence S. Dillion Distinguished Graduate Student Award, Texas A&M University (2016)
- The Allied Genetics Conference Travel Award, Genetics Society of America (2016)
- Best Graduate Student Oral Presentation, Texas A&M University (2015)
- Best Graduate Student Oral Presentation, Southern Plains Zebrafish Meeting (2012)

PROFESSIONAL EDUCATION

- Bachelor of Science, Bogazici University (2010)
- Doctor of Philosophy, Texas A&M University College Station (2017)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

I am very interested in discovering the signals that glial cells and neurons use to communicate with each other, and understanding how these signals regulate neural function and myelination in the nervous system.

Publications

PUBLICATIONS

- **Label-free optical detection of bioelectric potentials using electrochromic thin films.** *Proceedings of the National Academy of Sciences of the United States of America*
Alfonso, F. S., Zhou, Y., Liu, E., McGuire, A. F., Yang, Y., Kantarci, H., Li, D., Copenhaver, E., Zuchero, J. B., Muller, H., Cui, B.
2020
- **Spemann organizer gene Goosecoid promotes delamination of neuroblasts from the otic vesicle** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Kantarci, H., Gerberding, A., Riley, B. B.
2016; 113 (44): E6840–E6848
- **Tfap2a Promotes Specification and Maturation of Neurons in the Inner Ear through Modulation of Bmp, Fgf and Notch Signaling** *PLOS GENETICS*
Kantarci, H., Edlund, R. K., Groves, A. K., Riley, B. B.
2015; 11 (3): e1005037

- **Foxi transcription factors promote pharyngeal arch development by regulating formation of FGF signaling centers** *DEVELOPMENTAL BIOLOGY*
Edlund, R. K., Ohyama, T., Kantarci, H., Riley, B. B., Groves, A. K.
2014; 390 (1): 1–13
- **A Spatial and Temporal Gradient of Fgf Differentially Regulates Distinct Stages of Neural Development in the Zebrafish Inner Ear** *PLOS GENETICS*
Vemaraju, S., Kantarci, H., Padanad, M. S., Riley, B. B.
2012; 8 (11): e1003068

PRESENTATIONS

- A Novel Role for Schwann Cells in Regulation of Neural Function and Excitability - 4th Annual Chem-H Postdoc Retreat (2018)
- Goosecoid regulates a Spemann organizer-like function for neurogenesis in the inner ear. - The Allied Genetics Conference (2016)
- Tfap2a Regulates Development of Neurons in the Inner Ear - 11th International Conference on Zebrafish Development and Genetics (2014)
- A screen to identify genes regulating development of Stato-Acoustic Neurons - Southern Plains Zebrafish Meeting (2012)