Curriculum Vitae Adi Doron

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Education

2014-present	PhD student in the ELSC Computation and Information Processing Program The Hebrew University, Jerusalem.
2011-2014	BA in Psychology and Cognitive Science. The Hebrew University, Jerusalem. *Summa Cum Laude.*

Research and Scientific Experience

2015-present	PhD student in the Laboratory of Glial Modulation of Neuronal Activity, Dr. Inbal Goshen, The Hebrew University
2013-2014	Research assistant in the Laboratory of Perceptual Plasticity and Cognitive Abilities, Prof. Merav Ahissar, The Hebrew University

Teaching

2016-present	Teaching assistant of the course Research Methods in Neurobiology for graduate students (ELSC Computation and Information Processing Program

Prizes and Awards

2014 - present	ELSC Computation and Information Processing graduate studies scholarship
2017 - 2021	Azrieli Fellowship
2021	ELSC Retreat Best Poster Award
2019	ELSC travel fellowship
2017	Rector’s Prize for excellence in the master's degree
2016	Outstanding academic award for graduate students in brain research (ELSC)
2016	ELSC travel fellowship
2015	Dean’s Prize for excellence in the bachelor degree
2014	ELSC travel fellowship
2013	Dean’s List for outstanding undergraduate students
2012	Dean’s List for outstanding undergraduate students

Courses

2016	EBPS workshop on neuronal ensembles, Amsterdam, Netherlands.
2014	Perceptual learning workshop, Jongny, Switzerland.

Publications

Papers in Scientific Journals

1. Refaeli, R.*, Doron, A.*, Benmelech-Chovav, A., Groysman, M., Kreisel, T., Loewenstein, Y., & Goshen, I. (2021). Features of Hippocampal Astrocytic Domains, and Their Spatial Relation to Excitatory and Inhibitory Neurons. *Glia*, 1-13.
2. Doron, A., & Goshen, I. (2020). Glia: The Glue Holding Memories Together, *Neuron, 105*(1), 9-11.
3. Doron, A., & Goshen, I. (2018). Investigating the transition from recent to remote memory using advanced tools. *Brain research bulletin, 141*, 35-43.
4. Adamsky*, A., Kol*, A., Kreisel, T., Doron, A., Ozeri-Engelhard, N., Melcer, T., Refaeli, R., Horn, H., Regev, L., Groysman, M. and London, M. & Goshen, I. (2018). Astrocytic activation generates de novo neuronal potentiation and memory enhancement. *Cell*, *174*(1), 59-71.
5. Doron, A., Manassi, M., Herzog, M. H., & Ahissar, M. (2015). Intact crowding and temporal masking in dyslexia. *Journal of vision*, *15*(14), 13.

Preprints

1. Doron, A., Rubin, A., Benmelech-Chovav, A., Benaim, N., Carmi, T., Kreisel, T., Ziv, A., & Goshen I. Hippocampal Astrocytes Encode Reward Location. (2021). bioRxiv. https://doi.org/10.1101/2021.07.07.451434

Oral Presentations

1. Doron A., Refaeli, R., Benmelech-Chovav, A., Kreisel, T., Loewenstein, Y., & Goshen, I. (2020). Exploring the Structure, Neuronal Content and Functional Significance of Astrocytic Domains of Behaving Animals with CLARITY and 2-Photon Imaging. (2020). FENS Forum of neuroscience, Virtual Conference.
2. Doron, A., Manassi, M., Herzog, M. H., & Ahissar, M. (2014). Intact spatial and fast visual processing in dyslexia. ISFN conference, Eilat.
3. Doron, A., Herzog, M. H., & Ahissar, M. (2014). Vernier, crowding and backward masking in dyslexia. Perceptual learning workshop, Jongny, Switzerland.

Poster Presentations

1. Doron, A., Rubin, A., Benmelech-Chovav, A., Benaim, N., Carmi, T., Kreisel, T., Ziv, A., & Goshen I. (2021). The Role of Astrocytes in Spatial Cognition. Presented at ELSC Annual retreat, Ein Gedi, Israel, & XV European Meeting on Glial Cells in Health and Disease, Virtual Conference.

2. Doron, A.*, Refaeli, R.*, Benmelech-Chovav A, Groysman M, Kreisel T, Loewenstein, Y., & Goshen, I. (2019). Structure, Neuronal Content, and Functional Significance of Hippocampal Astrocytic Domains. Presented at SFN Neuroscience 2019, Chicago, USA, & FKNE Winter Symposium 2019, Crete, Greece.
3. Refaeli*, R., Doron*, A., & Goshen, I. (2018). 3D anatomical mapping of hippocampal astrocyte domains in clear brains. FENS Forum of neuroscience, Berlin, Germany.
4. Doron, A., Benaim, N., Carmi, T., Bitton, E., Kreisel, T., Loewenstein, Y., & Goshen, I. (2017). Investigating the neuronal encoding of goals and rewards. ELSC Annual retreat, Ein Gedi, Israel.