

Curriculum Vitae – Orilia Ben Yishay-Nizri

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Date of birth: 13.11.1991

Family status: Married+1

Mailing Address: Kiriath Hamivtar 40, Migdal-Oz

Education

2016 M.D/Ph.D. student under the advisement of Professor Hagai Bergman. Medical neurobiology faculty. Hebrew University of Jerusalem.

2014-2016 –Direct M.Sc. in Neuroscience (integrated with B.Sc.) –student under the advisement of Professor Hamutal Slovin and Dr. Dana Choen. Gonda Brain Research Center Bar Ilan University. **Rector prize**, rector prize for excellence in M.Sc. .in Neuroscience-Bar-Ilan University.

Thesis: Characterization of spatio-temporal patterns of population responses in the motor cortex evoked by entopeduncular nucleus stimulation.

2012-2015: B.Sc. in Neuroscience-Bar-Ilan University.

Enrolled as part of the youth excellence program ("**Hanivharim**" program).

Graduated summa cum laude. Courses average: 96.3

2010: Graduated Tzvia High School in Rehovot, Israel

Awards and Fellowships

2016 –**Rector prize**, rector prize for excellence in M.Sc. .in Neuroscience-Bar-Ilan University.

2014 –**summa cum laude** – B.Sc.in Neuroscience-Bar-Ilan University.

2013 – **Dean's list**, Dean list for excellence in 2nd year of Neuroscience -B.Sc. Bar Ilan University.

2012 - **Prize for excellent academic performance**- Faculty of neurosciences. Bar Ilan University.

2012-2014- "**Hanivharim**" (הגבהורים) program, scholarship of outstanding youth of Bar Ilan University.

Conferences attended:

January 2018: poster presentation – the ISFN annual meeting-The neuronal responses of the frontal cortex and globus pallidus external to auditory stimulations under propofol sedation in monkeys

February 2015: poster presentation - The Gonda Multidisciplinary Brain Research Center annual meeting, Ein-Gedi, Israel. Topic: The spatio-temporal patterns of neuronal population in the motor cortex evoked by stimulating entopeduncular nucleus.

** Employed as course assignment grader in the course: Signal Analysis and Processing for graduated students.

Technical skills:

- Optical Imaging of Intrinsic Signal (OIS) and Voltage sensitive dye imaging (VSDI) in rodents.
- Histology and tissue staining methods.
- Delicate micro-surgical procedures.
- Highly proficient in preparing and implanting electrodes.
- Expert in electrical stimulation of deep brain nuclei and cortical areas.
- Highly proficient in real time image processing.
- Highly proficient in data analysis using Mathworks MATLAB environment.

Military / National Service

2010 – 2012 Served as a youth instructor at a 'At-risk' youth facility.