

Curriculum Vitae

Education

- 2013 – present Ph.D. student, The Ruth and Bruce Rappaport Faculty of Medicine, Technion – Israel Institute of Technology
- 2012 – 2013 M.Sc. in The Ruth and Bruce Rappaport Faculty of Medicine, Technion – Israel Institute of Technology
- 2007 – 2011 B.Sc. in Biology, Technion - Israel Institute of Technology

Academic honors

- 2015 – Winter semester Jacobs Scholarship for Academic Excellence
- 2014 – Spring semester Scholarship for Academic Excellence Faculty of Medicine, Department of Genetics
- 2011 – Spring semester Dean's list
- 2010 – Winter semester Dean's list

Research Experience

- 2012 – present A student in the Direct Ph.D. Study Program in the laboratory of Prof. Ruth Hershberg's Computational Evolutionary Genomics laboratory, Department of Genetics, the Ruth and Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology: "Quantifying natural selection in cancer"
- 2010 – 2011 Research assistant in the lab of Prof. Tamar Ben Yosef, Department of Genetics, the Ruth and Bruce Rappaport Faculty of Medicine, Technion - Israel Institute of Technology: Effects of Aminoglycosides on the generation of nonsense mutations causing Retinitis Pigmentosa (RP)

Skills

- Computer programming (Python, Matlab, Perl)
- Molecular biology methods (PCR, cloning, transfections, transformations, Western, etc.)
- Languages: Hebrew (native language) and English (fluent - speaking, reading and writing)

Papers published

Ostrow SL, Barshir R, DeGregori J, Yeger-Lotem E and Hershberg R (2014) Cancer evolution is associated with pervasive positive selection on globally expressed genes. PLoS Genetics. 10(3): e1004239. (Article was featured in the Research Highlight section of Nature Reviews Genetics). IF: 8.517