

Curriculum Vitae

Yoav Ram

May 2013

Personal Information

Name Yoav Ram

Phone +972-54-5383136

Email yoavram@post.tau.ac.il

Website www.yoavram.com

Blog blog.yoavram.com

Education

- **Ph.D.** 2010 - Ongoing
Evolutionary Theory Lab, Tel-Aviv University
 - Advisor: Dr. Lilach Hadany
 - Ph.D. proposal title: *The Evolution of Stress-Induced Hypermutation: Causes and Consequences*, approved 5.2012
 - Including the completion of a **M.Sc.** as part of a direct Ph.D. program
- **B.Sc.** 2007-2010
Life-Sciences and Mathematics, *Cum laude*, Tel-Aviv University

Publications

- Geffen, E., Hadany, L., **Ram, Y.**, and Gafny, S. Genetic diversity in edge populations: A complementary view. *Submitted*.
- Gueijman, A., Ayali, A., **Ram, Y.**, and Hadany, L. (2013) Dispersing away from bad environments: The evolution of fitness-associated dispersal (FAD) in homogeneous environments. *BMC Evol. Biol.*, In print.
- **Ram, Y.** and Hadany, L. (2012) The evolution of stress-induced hypermutation in asexual populations. *Evolution*, 66: 2315-2328. DOI: [10.1111/j.1558-5646.2012.01576.x](https://doi.org/10.1111/j.1558-5646.2012.01576.x)

Presentations

2013 Stress-induced mutagenesis and the evolution of complex traits - Poster at *Gordon Research Conference on Biological Mechanisms in Evolution*, Stonehill College, Easton, MA, USA, June 2-6.

- The role of stress-induced mutation in the emergence of complex adaptations** - Oral presentation at the *5th Annual SIDEER Graduate Symposium*, Ben-Gurion University of the Negev, Sede-Boqer Campus, March 20.
- 2012 Evolutionary Causes and Consequences of Stress-Induced Hypermutation** - Oral presentation at *The 1st Graduate Students' Conference in Genetics, Genomics and Evolution*, Ben-Gurion University of the Negev, September 23. DOI: [10.6084/m9.figshare.96049](https://doi.org/10.6084/m9.figshare.96049)
- 2012 Seminar presentation at the Pilpel Lab at the Weizmann Institute of Science, June**
The Evolution of Stress-Induced Mutagenesis in Finite and Infinite Populations - Oral presentation at *PopGroup 45* in Nottingham, UK, January. DOI: [10.6084/m9.figshare.95939](https://doi.org/10.6084/m9.figshare.95939)
- 2011 Seminar presentation at the Eldar Lab at Tel-Aviv University, December**
 Seminar presentation at the Department of Molecular Biology and Plants M.Sc. Seminar at Tel-Aviv University, November
Rise and Fall of Mutator Bacteria - Seminar presentation at the *BioMath Student Journal Club*, Tel-Aviv University, May. DOI: [10.6084/m9.figshare.95940](https://doi.org/10.6084/m9.figshare.95940)
 Poster at *ESEB 2011* in Tübingen, Germany, August. See: [F1000 Posters 2011, 2: 1484](#)
- 2010 The Evolution of Stress-Induced Hypermutation** - Poster at *SMBE 2010* in Lyon, France, July
The Evolution of Stress-Induced Hypermutation - Poster at *MMSB 2010* in Tel-Aviv, Israel – won the *Best poster award*

Awards

- 2013** Travel award from the [Manna Institute for Plants BioSciences](#) to *ESEB 2013* in Lisbon, Portugal, August 2013.
- 2012** Research achievements scholarship from the Life-Science faculty, Tel-Aviv University
 Registration and accommodation waiver (sponsored by Cambridge University Press) for *PopGroup45* in Nottingham, UK
 Crowd-funded travel expenses for *PopGroup 45* via [The #SciFund Challenge](#)
- 2011** SSE International Travel Award to *ESEB 2011* in Tübingen, Germany
- 2010** Direct Ph.D. scholarship from the Department of Molecular Biology and Ecology of Plants, Tel-Aviv University, 2010-2015
 Undergraduate Diversity Mentoring Program award at *SMBE 2010* in Lyon, France
 Best poster award at *MMSB 2010* in Tel-Aviv
- 2009** The *Amos de-Shalit* Ulpana for excellent students in Life-Sciences at the Weizmann Institute of Science

Peer-Reviews

- 2012** Proceeding of the Royal Society B
2011 Integrative Zoology

Teaching

- Spring 2013** Extended Introduction to Computer Science (0368-1105, TA)
Fall 2012 Python Programming for Engineers (0509-1820, TA)
Spring 2012 Evolution (0455-2536, TA)

Fall 2011 Python Programming for Engineers (0509-1821, TA)

2011 - Ongoing Co-organizing the [BioMath Student Journal Club](#) at Tel-Aviv University

Conferences

2013 Future: *The 14th Congress of the European Society for Evolutionary Biology (ESEB)*, Lisbon, Portugal

Future: *Gordon Research Conference on Biological Mechanisms in Evolution*, Stonehill College, Easton, MA, USA.

The 5th Annual SIDEER Graduate Symposium - The Emergence of Design in Nature, Ben-Gurion University of the Negev, Sede-Boqer Campus

2012 *The 1st Graduate Students' Conference in Genetics, Genomics and Evolution*, Ben-Gurion University of the Negev

The 45th Population Genetics Group meeting, Nottingham, UK

2011 *The 13th Congress of the European Society for Evolutionary Biology (ESEB)* in Tübingen, Germany

2010 *Learning, Decision Making and Evolutionary Theory: Can We Bridge the Gap?* in Kfar-Blum, Israel,

Theoretical Models in Ecology, Evolution and Behavior: Recent Advances and Conceptual Issues at the Hebrew University in Jerusalem, Israel

The annual meeting of the Society for Molecular Biology and Evolution (SMBE) in Lyon, France

Mathematical Methods in Systems Biology at Tel-Aviv University, Israel

2009 *From Darwin to Evo-Devo Symposium* at the Technion in Haifa, Israel

Evolution in Jerusalem: A Workshop in Celebration of Darwin's 'The Origin of Species' at the Hebrew in Jerusalem, Israel

Public Outreach

Publications

- Even-Tov, E., Obolski, U., Gueijman, A., **Ram, Y.**, Hadany, L. (2010) The Evolutionary Riddle of Sexual Reproduction. *Galileo, an Israeli journal for popular science*: June, 32-41

Presentations

- **Evolution and mutation in stressful times** - The evolution series in Tel-Aviv University's botanical gardens. 16.5.2013, 18:00. [link](#).