

AMIR AYALI - CURRICULUM VITAE

Born November 8th 1963, Haifa, Israel.

Full Professor

School of Zoology
Faculty of Life Sciences
Tel-Aviv University,
Tel-Aviv 69978, Israel

Tel: 972-3-6409820
Fax: 972-3-6409403
e-mail: ayali@post.tau.ac.il
URL: www.tau.ac.il/~ayali

Education Background

1986-1989 B.Sc., Biology, The Hebrew University, Jerusalem, Israel.
1990-1995 Ph.D., Zoology / Insect Physiology, The Hebrew University, Jerusalem, Israel.

Academic and professional experience

2013-present Full Professor, School of Zoology, Faculty of Life Sciences, Tel-Aviv University, Israel.
2011-2015 Dept. Chair, Dept. of Zoology, Faculty of Life Sciences, Tel-Aviv University, Israel.
2009-2013 Associate Professor, Dept of Zoology, Faculty of Life Sciences, Tel-Aviv University, Israel.
2005-2007 Visiting Research Associate Professor, Dept of Biology and The Institute for Systems Research, University of Maryland, MD, USA
2004-2009 Senior lecturer, Dept of Zoology, Faculty of Life Sciences, Tel-Aviv University, Israel.
2000 Member of teaching staff, *Vertiefungskurs* Neuroethology course, University of Konstanz, Germany.
1999-2003 Lecturer, Dept of Zoology, Faculty of Life Sciences, Tel-Aviv University, Israel.
1995-1998 Research Associate, Neurobiology and Behavior, Cornell University, NY, USA.
1990-1995 Teaching Assistant, Entomology, Zoology, Physiology, The Hebrew University, Jerusalem, Israel.

Major Research Interests

Neural mechanisms of behavioral plasticity, locust swarming and migration, the generation and control of six-legged locomotion, insect-inspired technological innovations

Funding (recent 5 years)

2012 - 2016 BSF, United States-Israel Binational Science Foundation.
2012 - 2017 The Israel National Science Foundation.
2013 - 2015 Pearls of Wisdom Foundation.
2013 - 2016 The Israel Ministry of Agriculture - Center of Excellence.
2018 - 2021 Research Hub, The Israel Science Foundation
2019 - 2021 MAFAT, The Israel Ministry of Defence

Editorial duties (recent 5 years)

Member of editorial board: *Insects*, *Insect Science*
Associate Editor: *Frontiers in Physiology*
Review editor: *Frontiers in Neuroscience*, *Frontiers in Neurorobotics*, *Frontiers in Neuroengineering*
Guest Editor: *Current Opinion in Insect Science*

Referee assignments (recent 5 years)

Nature, *Current Biology*, *Nature Communication*, *Scientific Report*, *Journal of Insect Science*, *Journal of Insect Physiology*, *Journal of Neurophysiology*, *Journal of Experimental Biology*, *eNeuro*, *Journal of Comparative Physiology A*, *Animal Behavior*

Publications – See detailed list