



## Adit Naor

Postdoctoral Research Fellow, Microbiology and Immunology

 Curriculum Vitae available Online

### Bio

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#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Tel-Aviv University (2013)
- Ph.D., Tel Aviv University , Microbiology
- M.Sc., Tel Aviv University , Genetics
- B.Sc., Tel Aviv University , Biology

#### STANFORD ADVISORS

- John Boothroyd, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Impact of a homing intein on recombination frequency and organismal fitness** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Naor, A., Altman-Price, N., Soucy, S. M., Green, A. G., Mitiagin, Y., Turgeman-Grott, I., Davidovich, N., Gogarten, J. P., Gophna, U.  
2016; 113 (32): E4654-E4661
- **Low Species Barriers in Halophilic Archaea and the Formation of Recombinant Hybrids** *CURRENT BIOLOGY*  
Naor, A., Lapierre, P., Mevarech, M., Papke, R. T., Gophna, U.  
2012; 22 (15): 1444-1448
- **Translocation of Dense Granule Effectors across the Parasitophorous Vacuole Membrane in Toxoplasma-Infected Cells Requires the Activity of ROP17, a Rhoptyr Protein Kinase.** *mSphere*  
Panas, M. W., Ferrel, A., Naor, A., Tenborg, E., Lorenzi, H. A., Boothroyd, J. C.  
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- **Toxoplasma Controls Host Cyclin E Expression through the Use of a Novel MYR1-Dependent Effector Protein, HCE1.** *mBio*  
Panas, M. W., Naor, A., Cygan, A. M., Boothroyd, J. C.  
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- **Pervasive acquisition of CRISPR memory driven by inter-species mating of archaea can limit gene transfer and influence speciation.** *Nature microbiology*  
Turgeman-Grott, I., Joseph, S., Marton, S., Eizenshtein, K., Naor, A., Soucy, S. M., Stachler, A., Shalev, Y., Zarkor, M., Reshef, L., Altman-Price, N., Marchfelder, A., Gophna, et al  
2018
- **MYR1-Dependent Effectors Are the Major Drivers of a Host Cell's Early Response to Toxoplasma, Including Counteracting MYR1-Independent Effects** *MBIO*  
Naor, A., Panas, M. W., Marino, N., Coffey, M. J., Tonkin, C. J., Boothroyd, J. C.  
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- **Identification of a novel protein complex essential for effector translocation across the parasitophorous vacuole membrane of *Toxoplasma gondii*** *PLOS PATHOGENS*  
Marino, N. D., Panas, M. W., Franco, M., Theisen, T. C., Naor, A., Rastogi, S., Buchholz, K. R., Lorenzi, H. A., Boothroyd, J. C.  
2018; 14 (1): e1006828
  - **Cis-regulatory evolution in prokaryotes revealed by interspecific archaeal hybrids** *SCIENTIFIC REPORTS*  
Artieri, C. G., Naor, A., Turgeman-Grott, I., Zhou, Y., York, R., Gophna, U., Fraser, H. B.  
2017; 7: 3986
  - **Extracellular DNA metabolism in *Haloferax volcanii*** *FRONTIERS IN MICROBIOLOGY*  
Chimileski, S., Dolas, K., Naor, A., Gophna, U., Papke, R. T.  
2014; 5
  - **A halocin-H4 mutant *Haloferax mediterranei* strain retains the ability to inhibit growth of other halophilic archaea** *EXTREMOPHILES*  
Naor, A., Yair, Y., Gophna, U.  
2013; 17 (6): 973-979
  - **Cell fusion and hybrids in Archaea Prospects for genome shuffling and accelerated strain development for biotechnology** *BIOENGINEERED*  
Naor, A., Gophna, U.  
2013; 4 (3): 126-129
  - **A Genetic Investigation of the KEOPS Complex in Halophilic Archaea** *PLOS ONE*  
Naor, A., Thiaville, P. C., Altman-Price, N., Cohen-Or, I., Allers, T., de Crecy-Lagard, V., Gophna, U.  
2012; 7 (8)
  - **Native homing endonucleases can target conserved genes in humans and in animal models** *NUCLEIC ACIDS RESEARCH*  
Barzel, A., Privman, E., Peeri, M., Naor, A., Shachar, E., Burstein, D., Lazary, R., Gophna, U., Pupko, T., Kupiec, M.  
2011; 39 (15): 6646-6659
  - **Homing endonucleases residing within inteins: evolutionary puzzles awaiting genetic solutions** *BIOCHEMICAL SOCIETY TRANSACTIONS*  
Barzel, A., Naor, A., Privman, E., Kupiec, M., Gophna, U.  
2011; 39: 169-173
  - **In Vivo Characterization of the Homing Endonuclease within the polB Gene in the Halophilic Archaeon *Haloferax volcanii*** *PLOS ONE*  
Naor, A., Lazary, R., Barzel, A., Papke, R. T., Gophna, U.  
2011; 6 (1)