

Education and Training

1992-1995: B.Sc. in Physics and Mathematics, Faculty of Physics, Hebrew University.

1996-1998: M.Sc. in Physics, The Racah Institute of Physics, Hebrew University.

1999-2006: Ph.D. in Physics, Department of Physics of Complex Systems,
Faculty of Physics, Weizmann Institute of Science

2007-2012: Postdoctoral Fellow, Department of Developmental biology,
Stanford School of Medicine, Stanford University.
Host: Prof. Stuart Kim.

2012-2018: Scientist, Departemnt of Neurobiology, Tel Aviv University.
Host: Prof Oded Rechavi.

2019-present: researcher, Department of Poultry and Aquaculture, ARO the Volcani
center.

Selected publications

1. Biron, D., Libros, P., **Sagi, D.**, Mirelman, D., and Moses, E. (2001). Asexual reproduction: 'midwives' assist dividing amoebae. Nature *410*, 430.
2. **Sagi, D.**, Tlusty, T., and Stavans, J. (2006). High fidelity of RecA-catalyzed recombination: a watchdog of genetic diversity. Nucleic Acids Res *34*, 5021-5031.
3. **Sagi, D.** and Kim, S.K. (2012) An engineering approach to extending lifespan in *C. elegans*. Plos Genetics *8(6):e1002780*

See also research highlights:

Molecular engineering: Living longer, staying healthy. Marx V, Nature Methods 2012 9(8): 784.

Ageing: Longevity by design. Burgess D, Nature Reviews Genetics 2012 13(8): 519.

4. **Sagi D***, Rak R, Gingold H, Adir I, Maayan G, Dahan O, Pilpel Y, Rechavi O (2016). Tissue- and time-specific expression of otherwise identical tRNA genes. Plos Genetics *12(8):e1006264*. doi:10.1371/journal.pgen.1006264

5. **Sagi D**, Marcus-hadad E, Bari VK, Resnick MA, and Covo S. Increased LOH due to defective sister chromatid cohesion is due primarily to chromosomal aneuploidy and not recombination (2017). G3 (Bethesda) 7(10):3305-3315. doi: 10.1534/g3.117.300091.
6. **Sagi, D.** The addition of a developmental factor, *unc-62*, to already long-lived worms increases lifespan and healthspan (2017). Biology Open 6(12):1796-1801. doi: 10.1242/bio.027433.