

Curriculum Vitae – Lihi Gershon

Personal information:

Name: Lihi

Surname: Gershon

Date of birth: 26/03/1987

Gender: female

Institute: The Shmunis School of Biomedicine and Cancer Research, the George S. Wise Faculty of Life Sciences, Tel Aviv University, Israel.

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Academic career:

2016-2020: **Ph.D in Genetics** from the Shmunis School for of Biomedicine and Cancer Research, the George S. Wise Faculty of Life Sciences, Tel Aviv University.

2014-2016: **M.Sc in Genetics** from the department of microbiology and biotechnology, the George S. Wise Faculty of Life Sciences, Tel Aviv University.

2010-2014: **B.Sc in Life Science** from the George S. Wise Faculty of Life Sciences, Tel Aviv University.

Academic and professional experience:

2020 – present: **post-doctoral fellow** at Ehud Gazit's lab, the Shmunis School for of Biomedicine and Cancer Research, the George S. Wise Faculty of Life Sciences, Tel Aviv University.

2016-2020: **teaching assistant** for the genetics class, doing frontal lectures, the George S. Wise Faculty of Life Sciences, Tel Aviv University.

2014-2016: **teaching assistant** for the microbiology student's lab and the genetics student's lab, the George S. Wise Faculty of Life Sciences, Tel Aviv University.

2013-2014: **research assistant** at Martin Kupiec's lab, the department of microbiology and biotechnology, the George S. Wise Faculty of Life Sciences, Tel Aviv University.

Publications:

Gershon L, Kupiec M. The Amazing Acrobat: Yeast's Histone H3K56 Juggles Several Important Roles While Maintaining Perfect Balance. *Genes (Basel)*. 2021 Feb 25;12(3):342.

Gershon L, Kupiec M. Histones on fire: the effect of Dun1 and Mrc1 on origin firing and replication of hyper-acetylated genomes. *Curr Genet*. 2021 Mar 14.

Gershon L, Kupiec M. A novel role for Dun1 in the regulation of origin firing upon hyper-acetylation of H3K56. *PLoS Genet*. 2021 Feb 18;17(2):e1009391.

Harari Y, **Gershon L**, Alonso-Perez E, Klein S, Berneman Y, Choudhari K, Singh P, Sau S, Liefshitz B, Kupiec M. Telomeres and stress in yeast cells: When genes and environment interact. *Fungal Biol*. 2020 May;124(5):311-315. doi:10.1016/j.funbio.2019.09.003. Epub 2019 Sep 13. PMID: 32389293.

Bronstein A, **Gershon L**, Grinberg G, Alonso-Perez E, Kupiec M. The Main Role of Srs2 in DNA Repair Depends on Its Helicase Activity, Rather than on Its Interactions with PCNA or Rad51. *mBio*. 2018 Jul 17;9(4):e01192-18. doi:10.1128/mBio.01192-18.

Awards and accolades:

2015: awarded distinction in teaching.

2017: awarded distinction in teaching.

2017: awarded the Krauskoff scholarship for distinction in research.

2017: awarded the Konstantiner scholarship for distinction in research.

2018: awarded the EMBO scholarship.

2019: awarded the Konstantiner scholarship for distinction in research.

Posters, lectures and academic activity:

- 2013: The Annual Israeli Genome Stability Meeting, Jerusalem, Israel.
- 2014: The Annual Israeli Genome Stability Meeting, Tel Aviv, Israel*.
- 2014: The 3rd Graduate Students' Conference in Genetics, Genomics and Evolution Rehovot, Israel*.
- 2014: Israeli Yeast Club annual meeting, Ramat Gan, Israel.
- 2015: The 4th Graduate Students' Conference in Genetics, Genomics and Evolution, Rehovot, Israel.
- 2015: Israeli Yeast Club annual meeting, Rehovot, Israel.
- 2016: The genetic society of Israel annual meeting, Jerusalem, Israel*.
- 2016: The Jerusalem 24th Advanced School in Life Sciences: Frontiers in Cell Biology, Jerusalem, Israel*.
- 2016: Israeli Yeast Club annual meeting, Haifa, Israel*.
- 2017: The 42nd International meeting of the Federation of European Biochemical Societies, Jerusalem, Israel*.
- 2017: The Annual Israeli Genome Stability Meeting, Ramat Gan, Israel*.
- 2017: 2nd DNA Replication as a Source of DNA Damage Conference, Rome, Italy*.

- 2017: The 6th Graduate Students' Conference in Genetics, Genomics and Evolution, Ramat Gan, Israel*.
- 2017: Israeli Yeast Club annual meeting, Ramat Gan, Israel.
- 2017: 8th Federation of all the Israel Societies for Experimental Biology, Eilat, Israel*.
- 2018: The genetic society of Israel annual meeting, Tel Aviv, Israel*.
- 2018: UK-Israel Symposium on Genome Instability, Jerusalem, Israel*.
- 2018: Israeli Yeast Club annual meeting, Jerusalem, Israel.
- 2018: Department of molecular microbiology and biochemistry retreat, Ma'alot, Israel**.
- 2018: The 7th Graduate Students' Conference in Genetics, Genomics and Evolution, Jerusalem, Israel**.
- 2018: EMBO meeting on DNA replication, chromosome segregation and fate decision, Kyllini, Greece*.
- 2019: The genetic society of Israel annual meeting, Tel Aviv, Israel*. - 2019: Israeli Yeast Club annual meeting, Rehovot, Israel.
- 2019: 29th International Conference on Yeast Genetics and Molecular Biology, Gothenburg, Sweden*.
- 2020: 9th Federation of all the Israel Societies for Experimental Biology, Eilat, Israel*.

* Poster presentation

** Frontal lecture