

Dr. Leeat Keren Curriculum Vitae

A: Personal details

Affiliation: Department of Molecular Cell Biology, Weizmann Institute of science
Telephone: +972-8-9343775
Email: leeat.keren@weizmann.ac.il
Date of birth: 30/07/1983

B: Employment and education

2020: Assistant Professor, Department of Molecular Cell Biology,
Weizmann Institute of Science, Rehovot, Israel

2017-2020: Postdoctoral fellow, Stanford University, California, USA
Department of Pathology, School of medicine
Supervisor: Prof. Michael Robert Angelo

2011-2016: Ph.D. studies at the Weizmann Institute of Science, Rehovot, Israel
Department of Computer Science and Department of Molecular Cell Biology
Supervisors: Prof. Eran Segal and Prof. Ron Milo

2009-2010: M.Sc. studies at the Weizmann Institute of Science, Rehovot, Israel
Department of Computer Science and Department of Molecular Cell Biology
Supervisor: Prof. Eran Segal

2006-2009: B.Sc. (Magna cum Laude) in Bioinformatics in the honorary research track for
excellent students, Tel-Aviv University, Tel-Aviv, Israel

C. Academic administration:

2020- : Head of the Computational Systems Biology M.Sc. program, WIS, Israel

D. Other appointments:

2023 Member of the Education Committee for the AACR Annual Meeting 2023

2021 Chair, lifetime conference 2.0, Virtual

2020 Member of the scientific committee, Molecular Analysis for Personalized Therapy
conference

2018 Guest lecturer in IMMUNO 207, Essential Methods in Computational and Systems
Immunology, Stanford, USA

2015 Organizer of 'Two2Many', a conference in systems biology organized by students.

2013-2015 Guest lecturer in the course 'Matlab for biologists', WIS, Israel

2009-2011 Tutor in the 'Shining in Science' project- promoting children with academic potential
from low socio-economical background, WIS, Israel.

2004-2005 Officer and team leader in the technical unit of the Israeli intelligence. Led an
algorithms research team of 10 developers in the field of communication.

2002-2005: Tutor in the 'Together' project - helping children from low socio-economical background to get a high-school diploma, Tel-Aviv, Israel.

E. Recognition:

Fellowships and awards:

2022 James Heineman Research award by the Minna James Heineman Stiftung foundation
2020 Dale F. Frey breakthrough award granted by Damon Runyon Cancer Research Foundation
2020 Fred and Andrea Fallek President's Development Chair
2020 Azrieli Faculty fellowship.
2020 Alon Faculty fellowship (Awarded, not activated).
2019 Best poster award, ICML (International Conference of Machine Learning) Los Angeles, USA.
2017 Best poster award, Departmental retreat, faculty of Pathology, Stanford.
2017 Damon Runyon postdoctoral fellowship.
2017 EMBO long-term fellowship (declined stipend. Non-stipendiary fellow).
2017 LSRF postdoctoral fellowship (Awarded, not activated).
2017 Helen Hay Whitney Foundation postdoctoral fellowship (Awarded, not activated).
2016 Fulbright postdoctoral fellowship.
2016 Rothschild postdoctoral fellowship.
2016 National Award Program for Advancing Women in Science.
2016 Vatat scholarship for excellent post-doctoral scholars (Awarded, not activated).
2015 Azrieli prize for student initiated projects.
2014 Student initiated research grant by the Kahn Center for Systems Biology.
2013 Azrieli prize for student initiated projects.
2013 Auto Schwartz award for excellent academic achievements.
2012 Best poster award, International Conference for Systems Biology, Toronto, Canada.
2010 Dean's Prize for Outstanding M.Sc. Students, WIS.
2008 Wolf prize for excellent students.
2008 Graduation with honors, Tel Aviv University.
2007 Mani family excellence fellowship.
2006-8 Dean's list of honors, Tel Aviv University.
2006-8 Excellence fellowship, research track for excellent students, Tel Aviv University.

Invited speaker:

2023 Meeting of the German Society of Pathology, Leipzig, Germany.
2023 AACR annual meeting, Orlando, Florida.
2023 Israeli Society for Bioinformatics and Computational Biology symposium (ISBCB), Jerusalem.
2023 EACR-OECI Molecular Pathology Approach to Cancer, Torino, Italy.
2023 Multiplexed Imaging Symposium, University of Zurich, Switzerland.
2022 Computational Cancer Genomics, Technion, Israel.
2022 French Society for Immunology (SFI) annual conference, Nice France.
2022 EMBL/EMBO From Functional Genomics to Systems Biology, Heidelberg, Germany.

2022 EMBL Proteomics in Cell Biology and Disease Mechanisms, Cambridge UK.

2022 ECI Early Career in Immunology seminar series, virtual.

2022 Cancer genomics, Oxford, UK.

2022 Cell symposia on Immunometabolism, Basel, Switzerland.

2022 EACR annual meeting, Seville, Spain.

2022 Single Cell Biology Meeting, Wellcome Genome Campus, UK.

2022 Weizmann-CNIO symposium, Madrid.

2022 Computational Biology Seminar at Fred Hutch, Seattle.

2021 German-Israeli Helmholtz Research School in Cancer Biology, virtual.

2021 EMBO Systems Approaches in Cancer, Split, Croatia.

2021 AACR annual conference, virtual.

2021 Keystone symposia on Single Cell Biology, virtual.

2021 Stanford Center for Cancer Systems Biology Symposium, Virtual.

2021 Single Cell Omics Germany (SCOG), Virtual.

2021 EACR-OECI Joint Conference on Molecular Pathology, Virtual.

2020 NeurIPS- Learning Meaningful Representations of Life, Virtual.

2020 Abcam-sponsored webinar on imaging for immune-oncology, Virtual.

2020 Society for Immunotherapy in Cancer (SITC) annual conference, Maryland, USA (Virtual)

2020 Molecular Analysis for Personalized Therapy ESMO, Amsterdam, NL (Virtual)

2020 Single Cell Multi-Omics, Leuven, Belgium (Virtual)

2020 Broad-ISF Annual meeting, Boston, USA (Virtual)

2020 Molecular Pathology Approaches to Cancer EACR-OESI, Lisbon, Portugal (Virtual)

2020 EACR-AACR-ASPIC Tumor Microenvironment, Lisbon, Portugal

2019 Human Cell Atlas, Barcelona, Spain

2019 Single cell Analyses Meeting, Cold Spring Harbor, USA

2019 Molecular Analysis for Personalized Therapy ESMO, London, UK

2019 Single Cell Genomics, Stockholm, Sweden

2018 Calico, San Francisco, USA.

2018 ASCB/EMBO meeting, San Diego, USA.

2018 Next Generation Symposium in Biomedicine at Broad Institute, Boston, USA.

2018 Immune Monitoring Symposium at Mount Sinai, New-York, USA.

2018 PICI Science Club, Parker Institute for cancer Immunotherapy, San Francisco, USA.

2018 Computational & Systems Immunology Seminars Series, Stanford, USA.

2017 Molecular Analysis for Personalized Therapy, Zurich, Switzerland.

F. Research support:

Ongoing:

Azrieli faculty fellowship	07/2021-07/2024	\$300,000
Israeli Science Foundation (ISF)	10/2020-09/2025	\$500,000
European Research Council (ERC) starting grant	01/2021-12/2026	€1.6M
Israel Percision Medicine Program (IPMP)	12/2021-12/2025	NIS 2.5M
The Abisch-Frenkel foundation	06/2022-05/2023	\$195,000

Minna-James-Heineman-Stiftung	09/2022-08/2027	€60,000
Rising Tide foundation	01/2023-31/12/2024	\$200,000

Previous support:

Weizmann-Caltech Reisman grant	01/2021-12/2021	\$100,000
Dale F. Frey breakthrough award	01/2021-12/2021	\$100,000
Israeli Council for Higher Education Data Science	02/2021-12/2021	\$15,000

Reviewer:

Reviewer for: Nature, Nature Medicine, Nature Cancer, Nature Communications, Nature Methods, Nature Protocols, Nature Precision Oncology, Cell, Cancer Cell, Science Immunology, Molecular Systems Biology, Genome Research, Genome Biology, PLOS Computational Biology, Trends In Biotechnology

G. Membership in scientific societies:

2019-present European Association for Cancer Research (EACR)
2019-present American Association for Cancer Research (AACR)
2018-present Society for Immunotherapy in Cancer (SITC)