Curriculum Vitae
Oded Rechavi, Ph.D

Department of Neurobiology
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Research Areas

Epigenetics, Genetics, Neuroscience, Learning and Memory.

Education

Period	University	Subject	Degree	Date Awarded
2010 – 2012	Howard Hughes Medical Institute Columbia University Medical Center	Biochemistry and Molecular Biophysics	Post-doctoral Research Fellow	2012
2006 – 2010	Tel Aviv University	Neurobiology	Ph.D. -Direct PhD program	2010
2003 – 2006	Tel-Aviv University	Interdisciplinary neuroscience program for excellent students	B.Sc.	2006

Title of Doctoral Dissertation: Ignoring Cell Boundaries – Cell-to Cell Transfer of Proteins and Small RNAs

Name of Supervisor: Prof. Yoel Kloog

Academic and Professional Experience

Period	Name of Institution	Department	Rank/Function
2020 - current	Tel Aviv University	Neurobiology	Full Professor
2018 - 2020	Tel Aviv University	Neurobiology	Associate professor
2012 - 2018	Tel Aviv University	Neurobiology	Senior Lecturer
2010 – 2012	Howard Hughes Medical Institute, Columbia University Medical Center	Molecular Biophysics	Post-Doctoral Research Fellow

Active Participation in Scientific Meetings

Month/Year	Name of Meeting
11/2024	Genetics Society Scientific Meeting, Leicester Cancer Research Centre, Department of Genetics and Genome Biology, University of Leicester, UK - Invited speaker
10/2024	FEBS, 5th Danube Conference on Epigenetics, Budapest, Hungary, keynote speaker
09/2024	2024 FASEB Transcription, Chromatin and Epigenetics in Aging Meeting, USA, Keynote speaker
09/2023-06/2024	Centro de Biología Molecular Severo Ochoa – CSIC, Campus Universidad Autónoma de Madrid, Invited Lecture
09/2024	The Multiscale Integration of Neural Function, Italy, Invited speaker
09/2024	Epigenetic meeting Memorial Sloan Kettering, NY, USA invited keynote talk
06/2024	Centro de Biología Molecular Severo Ochoa – CSIC, Campus Universidad Autónoma de Madrid, Invited Lecture
04/2024	Faculty of Biology seminars, Technion, Israel, Invited Lecture
03/2024	Allied Genetics Meeting, Washington DC, USA, Keynote speaker
02/2024	The biennial meeting of the Indian Society of Developmental Biologists, Invited lecture
11/2023	Munich Center for Mathematical Philosophy, university of Munich, Germany, Invited speaker
11/2023	Center for Integrative Genomics, University of Lausanne, invited lecture.

09/2023	"Frans Alfons Janssens" Distinguished Lecture Series, KU Leuven, Belgium, Distinguished lecturer
09/2023	"The Unconventional Memory Workshop" on September 12th - September 13th 2023 at the MCMP, LMU Munich, Germany, Invited speaker.
06/2023	Institut fuer Anatomie und Zellbiologie, Giessen, Germany, Invited lecture
06/2023	Tenth Annual Broad-ISF Symposium Jerusalem, Israel, invited lecture.
06/2023	Chromosome, structure, and function Fondation des Treille, Tourtour, France, Invited lecture
05/2023	Institute seminar Anatomy and Cell Biology, JLU Giessen, Germany, Invited lecture (Online)
05/2023	Evolution seminar, Bielefeld university, Bielefeld, Germany, Invited lecture
05/2023	Cell and Developmental Biology seminar, Department of Biochemistry, UCL, London, UK, Invited lecture
05/2023	Department of Biochemistry, University of Oxford, Oxford, UK, Invited lecture
04/2023	French worm meeting, Paris France, Invited keynote lecture
04/2023	Faculty seminar, Bar-Ilan University, Invited lecture
03/2023	Computational and Systems Neuroscience (Cosyne) 2023, Lisbon, Portugal, International conference, Invited keynote talk
02/2023	ILANIT 2023 Conference, Eilat, Israel, Invited lecture
12/2022	The Chemical and Systems Biology Cutting Edge Series, Stanford, CA, USA - Invited speaker
12/2022	Winter symposium at the Chemical Biology of Epigenetic Modifications Research Center, Ludwig-Maximilians University, Munich, Germany,
12/2022	Cutting Lecture Series 2021-2022, Department of Chemical and Systems Biology Stanford University, California, USA. Invited lecture
10/2022	EMBO | EMBL Symposium: Plasticity Across Scales: From Molecules to Phenotypes, Heidelberg, Germany - Invited speaker
09/2022	16th Postdoc Association (PGA) Annual Retreat in the Dana-Farber Cancer Institute, Boston MA, USA, Keynote speaker
09/2022	"Transgenerational epigenetics: from mechanisms to impact", Fondation Les Treilles, France.
09/2022	EMBO workshop - Epigenome inheritance and reprogramming in health and disease, Split, Croatia - Keynote speaker
09/2022	Frontiers in Stem Cell Biology Conference, Israel, Invited speaker

07/2022	How Evolution Learnt to Learn Symposium, Salzburg, Austria, Keynote speaker, Invited lecture
07/2022	FENS forum 2022, Paris, France, Invited lecture.
07/2022	The 2022 *C. elegans* Metabolism, Aging, Pathogenesis, Stress and Small RNAs (MAPS) meeting, University of Wisconsin, Madison, US, International conference, Invited lecture
05/2022	Chromatin Structure & Function, Gordon Research Conference, Castelldefels, Spain, invited lecture
03/2022	NICE RNA conference, Nice, France, keynote talk, invited lecture
01/2022	Subhash Mukhopadhyay e-Symposium, Adamas University, Kolkata, India, Invited lecture
12/2021	RNA Mechanisms and Therapeutics in Metabolic Disease, University of Copenhagen, Denmark, International conference, Invited keynote talk
12/2021	London Stem Cell Network Festive Lecture, London, UK, invited lecture
11/2021	EvoKE Barcelona 2021 International Meeting, Barcelona, Spain, International conference, Invited lecture
10/2021	The Non-Coding Genome International Meeting, EMBL Advanced Training Centre (ATC), Heidelberg, Germany, Invited lecture
10/2021	The Jackson Laboratory-annual faculty retreat 2021, Portland, Maine, United states, Keynote talk, Invited lecture
10/2021	Annual UCD Conway festival of research and innovation, Conway Institute, Dublin, Ireland, Keynote speaker, Invited lecture
10/2021	EMBO Members' Meeting 2021, Heidelberg, Germany, International conference, Invited lecture
09/2021	Named Lecture at the Mayo Clinic Graduate School of Biomedical Sciences (MCGSBS) Symposium, Rochester, Minnesota, Invited Lecture
08/2021	Epigenetics Gordon Research Conference 2021, New Hampshire, US, International conference, Invited Lecture
07/2021	Developmental Biology Gordon Research Conference, Mount Holyoke College, MA United States, International conference, Invited Lecture
06/2021	EpiChrome Meeting, Linköping, Sweden, International conference, Invited Lecture
06/2021	Gordon Research Conference on Molecular Mechanisms of Evolution, Boston, US, International conference, Invited Lecture
06/2021	International Worm meeting 2021,online meeting, International conference, Invited Opening Plenary Keynote talk
12/2020	Christmas Symposium of the Max Planck Institute for Biology of Ageing. Online meeting, International conference, Invited Lecture
11/2020	The 8th Paris Biological Physics Community Day (PBPCD 2020), Keynote talk, online meeting, International conference, Invited Lecture

11/2020	Neuro November Convention 2020, online meeting, International conference, Invited Lecture
10/2020	EMBL Conference on Neuro-Epigenetics in Heidelberg, online meeting, International conference, Invited Lecture
10/2020	Neuro match meeting, online meeting, International conference, Invited Lecture
07/2020	Dahlem Colloquium Series, Max Planck Institute for Molecular Genetics, online meeting, International conference, Invited Lecture
06/2020	Reason and Decision Seminar, Tel Aviv, Israel, Local conference, Invited lecture
05/2020	Evolution and Ecology Seminar, online meeting, International conference, Invited Lecture
05/2020	Genome Dynamics: the Next Generation, online meeting, International conference, Invited Lecture
05/2020	Institute of Human Genetics (IGH) in Montpellier, France, online meeting, International conference, Invited Lecture
10/2019	Molecular Biosystems Conference, Eukaryotic gene regulation and functional genomics, Puerto Varas, Chile, International conference, Invited lecture
10/2019	Lecture at 'Genes, Cell Biology, Cancer and beyond' conference, Crete, Greece, International conference
10/2019	"Living Systems", Max Planck Institute, Tuebingen, Germany, International conference, Invited lecture
10/2019	TEDx, Vienna, Austria, International conference
10/2019	Sohn Conference, Tel Aviv, Israel, Local conference
06/2019	The 22nd International *C. elegans* Conference, Los Angeles, USA, International conference
05/2019	Talking about Science in the Twenty-First Century, Van Leer Institute, Jerusalem, Israel, Local conference, Invited lecture
02/2019	Life Sciences Switzerland- LS2, Zurich, Switzerand, International conference, Invited lecture
01/2019	Epigenetics and aging international meeting, BGU, Beer Sheva, Israel, Local conference, Invited lecture
11/2018	Transgenerational Inheritance Meeting in Paris, Paris, France, International conference
07/2018	The 5th Annual Blavatnik Science Symposium, New York, USA, International conference
05/2018	Aquavit talk, Max Planck Institute, Plon, Germany, International conference, Keynote speaker
11/2017	The 3rd Epigenetics workshop, Montpellier, France, International conference, Invited lecture

10/2017	Lecture at Cancer and Cell Biology Meeting, Crete, Greece, International conference, Invited lecture
09/2017	Lecture at FEBS international meeting, Jerusalem, Israel, Local conference, Invited lecture
07/2017	Invited symposium The Allen Discovery Center, Medford, MA, USA., International conference
06/2017	Invited Symposium at the University of Warwick Medical School, Warwick, UK, International conference, Invited lecture
05/2017	Board of Governs meeting, Tel Aviv, Israel, Local conference, Invited lecture
04/2017	From Genotype to Phenotype through the Environment, Jerusalem, Israel, Local conference, Invited lecture
02/2017	GIF meeting, Tel Aviv, Israel, Israel, Local conference, Invited lecture
02/2017	Federation of the Israel Societies for Experimental Biology, FISEB/ILANIT, Eilat, Israel, Local conference, Invited lecture
01/2017	Lecture at the University College of London, London, UK, International conference, Invited lecture
12/2016	Lecture at the Epigenetics and Evolution – Mysteries and Unknowns meeting, Tel Aviv University, Tel Aviv, Israel, Local conference, Meeting organizer
12/2016	Lecture at Teva NNE meeting, Tel Aviv, Israel, Local conference
11/2016	Lecture at the Genome Evolution meeting, Weizmann Institute, Rehovot, Israel, Local conference, Invited lecture
11/2016	Lecture at the Molecular Biology Society of Japan, Yokohama, Japan, International conference, Invited lecture
09/2016	Lecture at the Paul Allen Discovery Institute, Boston, USA, International conference, Invited lecture
09/2016	Lecture at the Israel Society for Biochemistry and Molecular Biology (ISBMB) meeting, Weizmann Institute, Rehovot, Israel, Local conference, Invited lecture
06/2016	Lecture at the European Worm Meeting, Berlin, Germany, International conference
06/2016	Lecture at the international RNA society meeting, Kyoto, Japan, International conference
04/2016	Lecture at the Garvan Institute, Mechanisms and Mysteries in Epigenetics Conference, Australia, International conference, Keynote speaker, Invited lecture
12/2015	Lecture to Tel Aviv university's leadership, Caesarea, Israel, Local conference
11/2015	Tuscany-Israel Cell Bio meeting, Israel, Local conference
10/2015	Wiston House Trasngenerational Epigenetic Inheritance Workshop, West Sussex, UK, International conference, Invited lecture

09/2015	Trentino Cell Biology meeting, Trentino, Italy, International conference, Invited lecture
05/2015	The World of Regulatory RNAs meeting, Tel Aviv University, Tel Aviv, Israel, Local conference, Organizing committee
02/2015	International meeting, Darwin Day, Haifa University, Haifa, Israel, Local conference, Invited lecture
02/2015	Annual meeting of the Genetic Society, Weizmann Institute, Rehovot, Israel, Local conference, Invited lecture
11/2014	CSHL Asia, RNA Biology Meeting, Suzhou, China, International conference
10/2014	GENIE, European Worm Meeting, Lucerne, Switzerland, International conference
07/2014	The European Evo-Devo Meeting, Vienna, Austria, International conference, Invited lecture
05/2014	International Meeting on the Ecological Implication of Cross-Generational Effects, The 15th Sede Boqer Symposium in Memory of Merav Ziv, Sede Boqer, Israel, Local conference
10/2013	The Bathsheva de Rothschild Seminar on Developmental Pathways in Health and Disease Meeting, Tiberias, Israel, Local conference, Invited lecture
09/2013	National Network of Excellence (NNE) Meeting, Caesarea, Israel, Local conference, Invited lecture
06/2013	Signaling Pathways in Development meeting - Switzerland Institute of Developmental Biology Symposium, TAU, Tel Aviv, Israel, Local conference, Invited lecture
06/2013	Broad-Israel Meeting, Jerusalem, Israel, Local conference, Invited lecture
04/2013	The International Meeting on Non-coding RNA Epigenetics and transgenerational inheritance Meeting, Cambridge, England, International conference, Invited lecture
01/2013	Cross-Fertilization in Language and Nature Meeting, Institute for Advanced Studies, HEBREW UNIVERSITY, Jerusalem, Israel, Local conference, Invited lecture
12/2012	Functional RNAs, Cell Press Meeting, Spain, International conference
09/2012	The Regulatory Role of Small RNAs meeting, Weizmann Institute, Rehovot, Israel, Local conference, Invited lecture
04/2012	Keystone Non-Coding RNAs meeting, USA, International conference
02/2010	Teva Prize Seminar at the ISBMB annual Meeting, Israel, Local conference
08/2009	Biannual Convention of Cancer, Tuscany, Italy, International conference
05/2009	Biannual Cancer Research meeting of Tel Aviv University, Tel Aviv, Israel, Local conference
05/2009	The Board of Trustees meeting, Tel Aviv University, Tel Aviv, Israel, Local conference

01/2009	Tel Aviv University microRNA consortium Meeting, Tel Aviv, Israel, Local conference
10/2007	Biannual Convention of Cancer, Tuscany, Italy, International conference

Conference Organizing & Lectures

	Year(s)	Event
Conference Organizing	**2023**	Organizer; Re- Imagining Inheritance: Germline Mutations, Plasticity & Environment Workshop, Tel Aviv, Israel
	2023	Organizer; Noncoding RNAs in Development & Cell Differentiation. Weizmann Institute, Rehovot, Israel
	2023	Organizer; Noncoding RNAs in Development and Cell Differentiation workshop, Weizmann Institute, Rehovot, Israel
	2022	Organizer; Human Genome Meeting, Tel Aviv, Israel
	2022	Organizer, Alma Beach Meeting #ScienceFlashMob, Tel Aviv, Israel
	2021	Organizer; Human Genome Meeting, Tel Aviv, Israel
	2020	Organizer; "The Woodstock of Biology", Tel Aviv, Israel. https://www.nature.com/articles/d41586-019-03853-1
	2018	Organizer; The Safra Center for Bioinformatics 2019 Retreat. Maagan, Kinneret, Israel.
	2016	Organizer; "Epigenetics and Evolution – Mysteries and Unknowns", an international meeting. Beit Hatfutzot, Zeevi auditorium, Tel Aviv University.
	2015	Organizer; "The World of Regulatory RNAs", an international meeting. Beit Hatfutzot, Zeevi auditorium, Tel Aviv University.
	2014	Organizer; "Advances in Cell Biology and Cancer Research" meeting, a tribute to Prof. Yoel Kloog. Beit Hatfutzot, Zeevi auditorium, Tel Aviv University
	Year(s)	**University / Department**
	TBD 2024	Epigenetics and non-coding RNAs Workshop at the Company of Biologists
	06/2024	Invited speaker - Altenberg Workshop in Theoretical Biology on "Sociocultural EvoDevo & Human Cognition: The Role of Cultural Neurobiological Inheritance Systems (CNIS), Germany

Invited seminars

04/2024	Invited speaker - A symposium focusing on small RNAs in C. elegans., CSU, Todos Santos, Mexico
05/2023	Invited seminar, Department of Biochemistry, University of Cambridge, UK
05/2023	Invited seminar, Clinical School, University of Cambridge, UK
05/2023	Invited seminar, Faculty of Medicine, Hebrew University-Hadassah Medical School, Jerusalem, Israel
04/2023	Seminar at the Life sciences faculty at Bar-Ilan University Israel - invited speaker
11/2022	Invited seminar, Novo Nordisk Foundation Research Centers, University of Copenhagen, Denmark
11/2022	Invited seminar, Max Planck Institute of Molecular Cell Biology and Genetic, Dresden, Germany
11/2022	Invited seminar, Burke Neurological Institute, White Plains, New York, USA
11/2022	Invited seminar, Koret School of Veterinary Medicine, Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem, Israel
11/2022	Seminar series on cell & developmental biology, Max Planck Institute for Multidisciplinary Sciences, Göttingen, Germany - Invited speaker
06/2022	Invited seminar, Princess Margaret Cancer Centre, Toronto, Canada
05/2022	Invited seminar, the San Diego Chromatin Club series, UCSD, San Diego, California, USA
05/2022	Invited seminar, Wellcome Integrative Cell Mechanisms programme, University of Edinburgh, Scotland, UK
05/2022	Invited seminar, Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa, Israel
05/2022	Invited seminar, Lautenberg Center for Immunology and Cancer Research, The Hebrew University, Jerusalem, Israel
04/2022	Invited seminar, Life Science Seminar Series (LSSS), University of Geneva, Switzerland
04/2022	Invited seminar, Imaging ONEWORLD Series, Oxford, UK
04/2022	Invited seminar, Labwide Seminar Series, Cold Spring Harbor Laboratory New York, USA
04/2022	Invited seminar, Institute of Molecular Biology GmbH (IMB), Mainz, Germany
03/2022	Invited Seminar, The 2021/2022 Physics Center Seminar Series, Rockefeller University, NYC, USA
03/2022	Invited seminar, Centre d'Immunologie Marseille-Luminy (CIML), Marseille, France
03/2022	Invited seminar, Department of Biology, University of Copenhagen, Denmark

02/2022	Invited seminar, Centre for BioSystems Science and Engineering, The Indian Institute of Science (IISc), Bangalore, India
01/2022	Invited seminar, Genetics and Life Science Communications, University of Wisconsin-Madison, Wisconsin, USA
11/2021	Invited seminar, Microbiology seminar series, Microbiology department, University of Pennsylvania, Pennsylvania, USA
11/2021	Invited seminar, Unit of Epigenetics and Cell Fate, Université Paris Diderot, Paris, France
11/2021	Invited seminar, Biochemistry & Cell Biology seminar series, Life Science Institute, Hebrew University, Jerusalem, Israel
11/2021	Invited seminar, Branch seminar, National Institute of Environmental Health Sciences, USA
11/2021	Invited seminar, The Epigenetics community, Helmholtz Research Center, Munich, Germany
10/2021	Invited seminar, Department of Genomes and Genetics ,Institute Pasteur, Paris, France
10/2021	Invited seminar, Institute of Molecular Biology, Johannes Gutenberg-Universität, Mainz, Germany
10/2021	Invited seminar, School of Biological Sciences, Monash University, Australia
10/2021	Invited seminar, Medical University of South Carolina (MUSC), USA
10/2021	Invited seminar, The Lundquist Institute for Biomedical Innovation at Harbor-UCLA Medical Center, David Geffen School of Medicine at UCLA, Los Angeles, USA.
09/2021	Invited seminar, International Max Planck Research School for Molecular Biology, Göttingen, Germany
07/2021	Invited lecture, 22nd Annual Meeting of the RNA Society of Japan, Keio University, Japan
05/2021	Invited "*Pelletron*" lecture, Weizmann Institute of Science, Israel
05/2021	Invited seminar, Department of Biomedical Science, the University of Sheffield, United Kingdom
05/2021	Invited seminar, MD Anderson Cancer UTHealth Graduate School of Biomedical Sciences, The University of Texas, USA
04/2021	Invited Seminar, The University of Queensland Diamantina Institute, Australia
04/2021	Invited seminar, Biotech Research and Innovation Centre, the University of Copenhagen, Denmark
03/2021	Invited Seminar Brandeis University, Massachusetts, USA
03/2021	Invited Seminar Center for Cancer Research, NCI, National Institutes of Health, Bethesda, MD, USA
03/2021	Invited Seminar at Harvard University, Cambridge, USA
03/2021	Invited Seminar, AFMB Lab, Marseille, France

03/2021	Invited Seminar, Department of Physiology and Biophysics, University of Illinois at Chicago, USA
01/2021	Invited Seminar,Centro Andaluz de Biología del Desarrollo CSIC/Universidad Pablo de Olavide, Seville, Spain
11/2020	Invited Seminar University of Toronto, Toronto, Canada
11/2020	Invited lecture, Leuven University, Belgium
10/2020	Invited Seminar Baylor College of Medicine, Houston, TX, USA
05/2019	Invited Seminar Van Leer Institute, Jerusalem, Israel
11/2018	Invited Seminar, HEBREW UNIVERSITY, Givat Ram, Jerusalem, Israel
11/2018	Invited Seminar Weizmann Institute, Department of Biological Regulation, Israel
10/2018	Invited Seminar Weizmann Institute, Department of Neurobiology, Israel
06/2017	Seminar in University of Cologne Germany
03/2017	Charles University, Prague, Czech Republic
03/2017	Seminar in University of Zurich, Switzerland
05/2016	Seminar at BGU, Beer Sheva, Israel
05/2016	Lecture at Tufts University, Boston, USA
05/2016	Lecture at Harvard University, Cambridge, US
04/2016	Seminar at Tel Aviv University, New Horizons series, Tel Aviv, Israel
03/2016	Lecture at the Hebrew University, Faculty of Agriculture, Rehovot, Israel
03/2016	Seminar at the Hebrew University, Jerusalem, Israel
12/2015	Seminar in BGU, Beer Sheva, Israel
11/2015	Seminar in the Department of Human Genetics, School of Medicine TAU, Tel Aviv, Israel
10/2015	Seminar in La Sapienza University and EMBL, Rome, Italy
04/2015	Seminar in Uppsala University, Uppsala, Sweden
04/2015	Seminar in Karolinska Institute, Solna, Sweden
11/2014	Seminar in Weizmann Institute, Rehovot, Israel
10/2014	Seminar in Bar Ilan University, Ramat Gan, Israel
09/2014	Seminar in ENS and Marie Curie Institute, Paris, France
05/2013	Seminar in Cell&Dev Dep, Medicine Faculty, TAU, Tel Aviv, Israel

05/2013	Seminar in the Biochemistry Department, TAU, Tel Aviv, Israel
05/2013	Seminar in the BioClub, HEBREW UNIVERSITY, Jerusalem, Israel
04/2013	Seminar in Rabin Medical center, Petah Tikva, Israel
02/2013	Seminar in Sagol School of Neuroscience, TAU, Tel Aviv, Israel
01/2013	Seminar in Buchmann School of Law, TAU, Tel Aviv, Israel
01/2013	Seminar in the Schreiber Institute of Mathematics TAU, Tel Aviv, Israel
02/2012	Seminar in Princeton University, NJ, USA
11/2011	Seminar in the Department of, Genetics, Columbia University, New York, USA
11/2011	Seminar in New York University, New York, USA
07/2011	Seminar in the Department of Neurobiology , TAU, Tel Aviv, Israel
03/2010	Seminar in the Department of Immunology, Weizmann Institute of Science, Rehovot, Israel
10/2009	Seminar in the Pasteur Institute, Paris, France
06/2009	Seminar in Tel-Hashomer Hospital, Ramat Gan, Israel
04/2009	Seminar in Columbia University, New York, NY, USA
06/2008	Seminar in Cold Spring Harbor Laboratories, Cold Spring Harbor, NY, USA

Courses Taught

Year, Semester	Course
2024 A	Epigenetic inheritance
2022-2023 A+B	Research in Brain Science Ph.D. (Sagol School of Neuroscience, graduate students class)
2022-2023 A	Scientific Literacy ,(Life Sciences, Undergraduate class)
2022-2023 A	Introduction to Biology A (Life Sciences, Undergraduate class)
2022-2023	Selected Topics in Neurobiology
2021-2022 B	Training Program in Quantitative Biology and Ecology - Genetics and Epigenetics course
2021-2022 B	Know Yourself - The Wonders and Secrets of the Brain (Life Sciences, Undergraduate class)
2021-2022 A+B	Seminar Series in Neurobiology (Life sciences, graduate students class)

2021-2022 A+B	Research in Brain Science Ph.D. (Sagol School of Neuroscience, graduate students class)
2021-2022 A	Introduction to Biology A (Life Sciences, Undergraduate class)
2020-2021 B	Research in Brain Science Ph.D. (Sagol School of Neuroscience, graduate students class)
2020-2021 B	Training Program in Quantitative Biology and Ecology - Genetics and Epigenetics course
2020-2021 A	Introduction to Biology A (Life Sciences, Undergraduate class)
2019-2020 B	Research in Brain Science Ph.D. (Sagol School of Neuroscience, graduate students class)
2019-2020 A	Introduction to Biology A (Life Sciences, Undergraduate class)
2018-2019 A+B	Seminar Series in Neurobiology (Life sciences, graduate students class)
2018-2019 A	Introduction to Biology A (Life Sciences, Undergraduate class)
2017-2018 A+B	Seminar Series in Neurobiology (Life sciences, graduate students class)
2017-2018 A	Introduction to Biology A (Life Sciences, Undergraduate class)
2016-2017 A+B	Seminar Series in Neurobiology (Life sciences, graduate students class)
2016-2017 A	Introduction to Biology A (Life Sciences, Undergraduate class)
2015-2016 A+B	Seminar Series in Neurobiology (Life sciences, graduate students class)
2015-2016 A	Introduction to Biology A (Life Sciences, Undergraduate class)
2014-2015 B	Radical Science And controversies in Neuroscience (Sagol School of Neuroscience, graduate students class)
2014-2015 A+B	Seminar Series in Neurobiology (Life sciences, graduate students class)
2013-2014 B	Radical Science and Controversies in Neuroscience (Sagol School of Neuroscience, graduate students class)

Other Academic Activities

Editorial duties

Ad hoc reviewer for scientific papers	• *Nature Reviews Molecular Cell Biology* • *Current Biology* • *Cell* • *Science* • *Nature* • *PNAS* • *RNA biology* • *Journal of Physiology* • *Genetics* • *Proceedings of the Royal Society* • *eLife* • *PLoS Biology* • *Plos Genetics* • *BMC Biology*
Ad hoc reviewer for grants	• Inserm (2017) • Welcome trust (2017, 2018, 2019) • ERC grants (2016, 2017, 2018, 2019) • DFG grants (2019, 2020) • ISF grants (2015, 2019, 2020) • JTF grants (2014, 2016, 2018) • GIF grants (2014) • GRTF travel grants (2013)

Tel Aviv University Administrative Roles

2019- Sagol School of Neuroscience, PhD committee

2020- Member of the Tel Aviv University senate

Other Professional Roles

- Co –Inventor - Epeius Pharma, FutuRx. (drug delivery company using engineered parasites).
- Senior Research Associate - Van Leer Jerusalem Institute
- Team member - The Allen Discovery center, the Paul G. Allen Frontiers group, Tufts University, Boston
- Prize committee member - Coller-Dolittle Prize for inter-species communication, The Jeremy Coller foundation.
- Academic guidance committee member - PUMBY - The Forum for the Advancement of Interdisciplinary Studies in Israel

Academic and Professional Awards

Year(s)	Name of Institution	Occasion
2023	The Division of Animal Physiology and Neurobiology, KU Leuven, Belgium	"Frans Alfons Janssens" Distinguished Lecture Series prize
2021	European Molecular Biology Organization (EMBO)	Selected as an EMBO member
2021	Israel Young Academy	Selected as a member
2020	Eric & Wendy Schmidt (Schmidt Science Futures)	"Polymaths Award" (inaugural winner. This new award provides unrestricted 2.5M$ to open new daring lines of research)
2019	Office of the Vice President for research and development Tel Aviv University, Tel Aviv, Israel	The Kadar Family Award for Outstanding Research.
2019	Faculty of Life Sciences, Tel-Aviv University, Israel	"Outstanding Lecturer" award for teaching.
2018	The Blavatnik Family Foundation	2018 Blavatnik Award for Young Scientists. (inaugural winner)
2018	Faculty of Life Sciences, Tel-Aviv University, Israel	"Outstanding Lecturer" award for teaching.
2018	Office of the Rector, Tel Aviv University, Tel Aviv, Israel	"The 100" award. Outstanding lecturer award for teaching.
2016	Faculty of Life Sciences, Tel-Aviv University, Israel	"Outstanding Lecturer" award for teaching.
2015	Krill Prize of the Wolf Foundation, Israel	The Krill Prize for Excellence in Scientific Research.
2013	Council for Higher Education, Israel	Alon Fellowship for Outstanding Young Researchers.
2013	Globes Magazine, Israel	"40 Most Promising People in Israel Under 40".
2013	The Marker Magazine, Israel	"10 Most Creative People in Israel Under 40".
2012	Keystone Symposia on Molecular and Cellular Biology, CO, USA	Keystone Symposia Scholarship.
2011	Faculty of Life Sciences, Tel-Aviv University, Israel	The Gruss Lipper Postdoctoral Research Fellowship.
2010	Israel Society for Biochemistry and Molecular Biology (ISBMB)	Teva Prize for outstanding PhD Students awarded by the ISBMB.

2010	Faculty of Life Sciences, Tel-Aviv University, Israel	Israel Science Foundation- F.I.R.S.T - Bikura Postdoctoral Fellowships
2009	Faculty of Life Sciences, Tel Aviv University, Israel	Joan and Jaime Constantiner Institute for Molecular Genetics Scholarship.
2009	Cold Spring Harbor Laboratory, NY USA	Cold Spring Harbor Laboratory Travel Scholarship.
2009	Weizmann Institute of Science, Rehovot, Israel	Katzir Travel Scholarship.
2008	Faculty of Life Sciences, Tel-Aviv University, Israel	Anat Krauskopf Fund Travel Award.
2008	Faculty of Life Sciences, Tel-Aviv University, Israel	Herman Leon excellence Award.
2006	Faculty of Life Sciences, Tel- Aviv University, Israel	Completed B.Sc with Dean List honours.
2006	Faculty of Life Sciences, Tel-Aviv University, Israel	Dean's list direct PhD program.
2006-2008	Office of the Dean of Students, Tel-Aviv University, Israel	Dean Scholarship.
2008-2010	Clore foundation, Israel	Clore Scholarship.

External Grants

Year	Name of Agency/Partner	Total	For My Use (PI)	Role (PI/Co-PI)
2023-2024	The Institute for Psychedelic Research at Tel Aviv University	80,000₪	80,000₪	PI
2022-2025	Kahn Foundation	3,000,000$	3,000,000$	PI
2020-2025	Schmidt Futures Polymaths Award	2,500,000$	2,500,000$	PI
2020-2023	DFG – German Research Foundation	390,000$	130,000€	Co-PI
2020-2023	JTF	1,000,000$	400,000$	Co-PI
2020-2021	Colton Cancer	350,000$	350,000$	PI
2019-2024	ERC Consolidator	2,000,000€	2,000,000€	PI

2018-2020	Rett Syndrome Foundation	150,000$	50,000$	Co-PI
2017-2022	ISF	₪330,000/year (5 years)	330,000₪/year (5 years)	PI
2017-2020	Adelis Fondation	500,000$	500,000$	PI
2016–2018	The Eric and Wendy Schmidt Fund for Strategic Innovation	260,000$	260,000$	PI
2016-2017	Brandeis University – Leir Foundation	29,650$	29,650$	PI
2016-2017	The Paul G. Allen Frontiers Group, Paul Allen Discovery Institute, Tufts, Boston.	50,000$	50,000$	PI
2016-2017	Keter plastic – Sami Sagol	10,000$	10,000$	PI
2016 –2017	Teva pharma NNE Neuroscience	100,000$	100,000$	PI
2015-2018	MINERVA-STIFTUNG Centers Weizmann Institute	90,000.00€	90,000.00€	PI
2014-2019	EU - FP7, ERC - Young PI	1,500,000€	1,500,000€	PI
2014-2016	Alon Maof and Bikura grant	166,800₪	166,800₪	PI
2014-2016	JTF	852,600$	852,600$	PI
2013-2016	ISF	606,000₪	606,000₪	PI
2013-2015	Teva Pharma NNE Neuroscience	220,000$	220,000$	PI
2013-2014	Ministry of Agriculture	34,500₪	11,500₪	Co-PI
2013-2014	ISF Equipment	1,100,000₪	1,100,000₪	PI
2012-2015	Alon Maof and Bikura grant	48,000$	48,000$	PI
2012-2014	Yad Hanadiv support for new scientists PI	2,000,000₪	2,000,000₪	PI

Internal Grants (at TAU)

Year	Name of Agency/Partner	Total	For My Use (PI)	My Role (PI/Co-PI)
2023-2024	Institute for Psychedelic Research at Tel Aviv University	70,000₪	70,000₪	PI
2019-2020	The Colton Family Next Generation Technological Institute. Nadal Colton Applied Research Fund	136,323₪	136,323₪	PI
2017-2018	The Colton Family Next Generation Technological Institute. Nadal Colton Applied Research Fund	88,000$	88,000$	PI
2016-2017	The Colton Family Next Generation Technological Institute. Nadal Colton Applied Research Fund	88,000$	88,000$	PI
2013	CBRC	50,000₪	50,000₪	PI
2012-2016	Technicians Grant	349,000₪	349,000₪	PI
2012-2015	TAU Vice President	3,520,800₪	3,520,800₪	PI

Fellowships/ Scholarships /Prizes

Membership in Professional Societies

- The Genetics Society of Israel
- The International RNA Society
- The Genetics Society of America
- Member of the European Molecular Biology Organization (EMBO)
- Israel Young Academy
- PUMBY - The Forum for the Advancement of Interdisciplinary Studies in Israel

Publications (as of December 19, 2023)

Ranking [H-Index, Q, Impact Factor, and Citations] based on Web of Science H-Index: 14

*** Co-first author, ¶ Corresponding author, ♦ Co-corresponding author**

1.	**O. Rechavi,** M. Kalman, Y. Fang, H. Vernitsky, J. Jacob-Hirsch, L.J. Foster, Y. Kloog, I. Goldstein. Trans-SILAC: sorting out the non-cell-autonomous proteome. Nature Methods, Vol.7, 2010 (pp.923-927). *[1 of 79 in Biochemical Research Methods, Q1, IF 26.919, Citations 27]*
2.	**O. Rechavi,** Y. Kloog. Prion and Anti-Codon Usage: Does Infectious PrP Alter tRNA Abundance to Induce Misfolding of PrP? **Medical Hypotheses,** Vol.72, 2009 (pp.193-195). *[113 of 131 in Medicine, Research & Experimental, Q3, IF 1.066, Citations 3]*
3.	**O. Rechavi,** I. Goldstein, Y. Kloog. Intercellular Exchange of Proteins: the Immune Cell Habit of Sharing. **FEBS Letters,** Vol.583, 2009 (pp.1792-1799). *[141 of 292 in Biochemistry & Molecular Biology, 28 of 72 in Biophysics, 107 of 190 in Cell Biology, Q2, IF 2.999, Citations 78]*
4.	**O. Rechavi*,** Y. Erlich*, H. Amram*, L. Flomenblit, F.V. Karginov, I. Goldstein, G.J. Hannon, Y. Kloog. Cell contact-dependent acquisition of cellular and viral nonautonomously encoded small RNAs. **Genes & Development,** Vol.23, 2009 (pp.1971-1979). *[18 of 190 in Cell Biology, 2 of 42 in Developmental Biology, 10 of 171 in Genetics & Heredity, Q1, IF 9.413, Citations 120]*
5.	**O. Rechavi*,** I. Goldstein*, H. Vernitsky, B. Rotblat, and Y. Kloog. Intercellular Transfer of Oncogenic H-Ras at the Immunological Synapse. **PLoS ONE,** Vol. 2(11), 2007. *[15 of 64 in Multidisciplinary Sciences, Q1, IF 2.766, Citations 38]*

Post Graduate Research

6.	**O. Rechavi♦,** G. Minevich, O. Hobert♦. Transgenerational Inheritance of an Acquired Small RNA-Based Antiviral Response in *C. Elegans*. **Cell,** Vol.147, 2011 (pp.1248–1256). *[2 of 292 in Biochemistry & Molecular Biology, 3 of 190 in Cell Biology, Q1, IF 31.398, Citations 227]*

The Following Articles are with a Tel Aviv University Affiliation:

***7.**	H. Vernitsky, **O. Rechavi,** N. Rainy, M.J. Besser, M. Nagar, J. Schachter, Y. Lerenthal, M. Ehrlich, Y. Kloog, I. Goldstein. Ras Oncoproteins Transfer from Melanoma Cells to T Cells and Modulate Their Effector Functions. **Journal of Immunology,** Vol.189, 2012 (pp.4361-4370).*[39 of 155 in Immunology, Q2, IF 4.539, Citations 8]*
***8.**	N. Rainy, D. Chetrit, V. Rouger, H. Vernitsky, **O. Rechavi,** D. Marguet, I. Goldstein, M. Ehrlich, Y. Kloog. H-Ras Transfers from B to T Cells via Tunneling Nanotubes. **Cell Death & Disease,** 4, 2013,

	e726; doi:10.1038/cddis.2013.245 2013. *[41 of 190 in Cell Biology, Q1, IF 5.638, Citations 29]*
***9.**	O. Sagy, R. Shamir, **O. Rechavi ¶**. Examination of exhaustive cloning attempts reveals that C. elegans piRNAs, transposons, and repeat sequences are efficiently cloned in yeast, but not in bacteria. **Frontiers in Genetics**, 2014 (doi: 10.3389/fgene.2014.00275). *[36 of 171 in Genetics & Heredity. Q1, IF 3.789, Citations 1]*
***10.**	**O.Rechavi ¶**, L. Houri-Ze'evi, S. Anava, W.S. Sho Goh, S.Y. Kerk, G.J. Hannon, O. Hobert. Starvation-induced transgenerational inheritance of small RNAs in *C. elegans*. **Cell**, Vol.158, 2014 (pp.277-287). *[2 of 292 in Biochemistry & Molecular Biology, 3 of 190 in Cell Biology, Q1, IF 31.398, Citations 219].* Sole Corresponding author
***11.**	L. Houri-Ze'evi♦, Y. Korem, H. Sheftel, L. Faigenbloom, I. Toker, Y. Dagan, L. Awad, L. Dagani, U. Alon, **O.Rechavi ♦**. A Tunable Mechanism Determines the Duration of the Transgenerational Small RNA Inheritance in *C. elegans*. **Cell**, Vol.165, 2016 (pp.88–99). https://doi.org/10.1016/j.cell.2016.02.057. *[2 of 292 in Biochemistry & Molecular Biology, 3 of 190 in Cell Biology, Q1, IF 31.398, Citations 56]*
***12.**	N. Rainy, M. Zayoud, Y. Kloog, **O. Rechavi**, I. Goldstein. Viral oncomiR spreading between B and T cells is employed by kaposi's sarcoma herpesvirus to induce non-cell-autonomous target gene regulation**. Oncotarget**, Vol.27, 2016 (pp.41870-41884). *[44 of 217 in Oncology, 48 of 190 in Cell biology, Q1, IF 5.168, Citations 6]*
***13.**	D. Sagi♦, R .Rak♦, H. Gingold, I. Adir, G. Maayan, O. Dahan, I. Pilpel, **O. Rechavi ♦**, Tissue- and Time-Specific Expression of Otherwise Identical tRNA Genes. **PLoS Genetics**, 2016, doi:https://doi.org/10.1371/journal.pgen.1006264. *[22 of 171 in Genetics & Heredity, Q1, IF 5.540, Citations 11]*
***14.**	A.Agorio, S.Durand, E.Fiume, C.Brousse, I.Gy, M.Simon, S.Anava, **O.Rechavi**, O.Loudet, C.Camilleri, N.Bouché. An Arabidopsis Natural Epiallele Maintained by a Feed-Forward Silencing Loop between Histone and DNA. **PLoS Genetics**, 2017, doi: https://doi.org/10.1371/journal.pgen.1006551. *[22 of 171 in Genetics & Heredity, Q1, IF 5.540, Citations 7]*
***15.**	I. Lev, U. Seroussi, H. Gingold, R. Bril, S. Anava, **O. Rechavi**. MET-2-Dependent H3K9 Methylation Suppresses Transgenerational Small RNA Inheritance. **Current Biology**, Vol.27, 2017 (pp.1138-1147). *[17 of 292 in Biochemistry & Molecular Biology, 19 of 190 in Cell Biology, Q1, IF 9.251, Citations 27]*
***16.**	L. Morgado, V. Preite, C. Oplaat, S. Anava, J. Ferreira de Carvalho, **O. Rechavi**, J.F. Johannes, K. Verhoeven. Small RNAs reflect grandparental environments in apomictic dandelion. **Molecular Biology and Evolution**, Vol 34, 2017, (pp.2035-2040). doi:10.1093/molbev/msx150. *[14 of 292 in Biochemistry & Molecular Biology, 2 of 49 in Evolutionary Biology, Genetics and Heredity 6 of 171, Q1, IF 10.217, Citations 9]*

The Following Publications Follow Promotion to Associate Professor

***17.**	S. Anava, M. Neuhof, H. Gingold, O. Sagy, A. Munters, E. M.Svensson, E. Afshinnekoo, D. Danko, J. Foox, P. Shor, B. Riestra, D. Huchon, C.E. Mason, N. Mizrahi, M. Jakobsson, **O. Rechavi** Illuminating Genetic, Mysteries of the Dead Sea Scrolls. **Cell**, 2020. (Selected for the cover) Volume 181, Issue 6, Pages 1200-1201. https://doi.org/10.1016/j.cell.2020.04.046., *[HI 747, Q1, IF 36.216]*
***18**	I. Lev, H. Gingold, **O. Rechavi ¶**. H3K9me3 is Required for Inheritance of Small RNAs that Target a Unique Subset of Newly Evolved Genes. **eLife** 2019;8:e40448. doi: https://doi.org/10.7554/eLife.40448.001. *[4 of 85 in Biology, Q1, IF 7.551, Citations 4]*
***19**	I. Lev, H. Gingold, **O. Rechavi ¶**. H3K9me3 is Required for Inheritance of Small RNAs that Target a Unique Subset of Newly Evolved Genes. **eLife** 2019;8:e40448. doi: https://doi.org/10.7554/eLife.40448.001. *[4 of 85 in Biology, Q1, IF 7.551, Citations 4]*
***20**	R. Posner*, I.A. Toker*, O. Antonova, E. Star, S. Anava, E. Azmon, M. Hendricks, S. Bracha, H. Gingold, **O. Rechavi**. Neuronal Small RNAs Control Behavior Transgenerationally. **Cell** (2019) Vol. 177, Issue 7, 13 June 2019, P. (1814-1826). https://doi.org/10.1016/j.cell.2019.04.029. *[2 of 292 in Biochemistry & Molecular Biology, 3 of 190 in Cell Biology, Q1, IF 36.216, Citations 14]*
***21**	I. Lev*, I.A. Toker*, Y. Mor*, A. Nitzan, G. Weintraub, O. Antonova, O. Bhonkar, I. Ben Shushan, U. Seroussi, J.M. Claycomb, S. Anava, H. Gingold, R. Zaidel-Bar, **O. Rechavi¶**. Germ Granules Govern Small RNA Inheritance. **Current Biology**. https://doi.org/10.1016/j.cub.2019.07.054. [17 of 292 in Biochemistry & Molecular Biology, 19 of 190 in Cell Biology, Q1, IF 9.193, Citations 2]
***22**	D. Cohen*, G. Teichman*, M. Volovich, Y. Zeevi, L. Elbaum, A. Madar, K. Louie, D.J. Levy, O. Rechavi Bounded rationality in *C. elegans* is explained by circuit-specific normalization in chemosensory pathways. **Nature Communications**, August 2019. https://doi.org/10.1038/s41467-019-11715-7. *[HI 248, IF 11.878, Q1, Citations 1]*
***23**	A. Hakim, Y. Mor, I.A. Toker, A. Levine, M. Neuhof, Y. Markovitz, **O. Rechavi ♦**. WorMachine: Machine Learning-Based Phenotypic Analysis Tool for Worms. **BMC Biology**, 16:8, 2018. doi:org/10.1186/s12915-017-0477-0. *[6 of 85 in Biology, Q1, IF 6.723, Citations 5]*

The Following Publications Follow Promotion to Full Professor

***24.**	L. Houri-Ze'evi*, Y. Korem-Kohanim, O. Antonova, **O. Rechavi**. Three Rules Explain Transgenerational Small RNA Inheritance in *C. elegans*. **Cell**, 2020. https://doi.org/10.1016/j.cell.2020.07.022. *[HI 814, Q1, IF 66. Citations 22]*
***25.**	H. Ishtayeh, H. Achache, E. Kroizer, Y. Rappaport, E. Itskovits, H. Gingold, C. Best, **O. Rechavi**, Y.B. Tzur. Systematic analysis of long intergenic non-coding RNAs in *C. elegans* germline uncovers roles in somatic growth. **RNA Biology**, 2020. https://doi.org/10.1080/15476286.2020.1814549, *[HI 75, Q1, IF 5.350]*
***26**	L. Houri-Ze'evi, G. Teichman, H. Gingold, O. Rechavi. "Stress Resets Ancestral Heritable Small RNA

	Responses". eLife, 2021. https://doi.org/10.7554/eLife.65797. *[HI 161 Q1, IF 8.713, citations 1]*
***27**	I. Toker, I. Lev, Y. Mor, Y. Gurevich, D. Fisher, L. Houri-Zeevi, O. Antonova, L. Hadany, S. Shaham, **O. Rechavi**. Transgenerational inheritance of sexual attractiveness via small RNAs enhances evolvability in *C. elegans*. **Dev Cell**, 2022. https://doi.org/10.1016/j.devcel.2022.01.005. [*1 of 39 in Developmental Biology HI 161 Q1, IF 13.417, citations 19]*
***28**	S. Uszkoreit, D. H. Meyer, **O. Rechavi**, B. Schumacher, Sensory neurons safeguard from mutational inheritance by controlling the CEP-1/p53-mediated DNA damage response in primordial germ cells. **bioRxiv** 2022.07.19.500657;
***29**	F. Bernard, D. Dargère, O. Rechavi, D. Dupuy. Quantitative analysis of C. elegans transcripts by Nanopore direct-cDNA sequencing reveals terminal hairpins in non-trans-spliced mRNAs. **Nat Commun**. 14, 1229 (2023). https://doi.org/10.1038/s41467-023-36915-0 [HI 466, Q1 5.116, IF 17.694, citations 3].
***30**	G. Teichman, D. Cohen, O. Ganon, N. Dunsky, S. Shani, H. Gingold, **O. Rechavi**. RNAlysis: analyze your RNA sequencing data without writing a single line of code. **BMC Biol** 21, 74 (2023). [HI 121, Q1 2.324, IF 7.364, citations 2]
***31**	R. Haque, S. P. Kurien, H. Setty, Y. Salzberg, G. Stelzer, E. Litvak, H. Gingold, **O. Rechavi**, M. Oren-Suissa, Sex-Specific Developmental Gene Expression Atlas Unveils Dimorphic Gene Networks in C. elegans, **bioRxiv** (2023) 552096;
***32**	I. Rieger, G. Weintraub, I. Lev, K. Goldstein, D. Bar-Zvi, S. Anava, H. Gingold, S. Shaham, **O. Rechavi.** Nucleus-Independent Transgenerational Small RNA Inheritance in C. elegans. **Science Advances** 2023.06.20.545749; [HI 214, Q1 4.598, IF 13.01]

Refereed Review Articles

1*.	Y. Yovel, **O. Rechavi** AI and the Doctor Dolittle challenge. **Current Biology**, 2023. 7;33(15): R783-R787. , *[H 347, Q1, IF 9.2]*
2*.	M.M.L. Knott, **O. Rechavi**, Transgenerational inheritance of engineered cytosine methylation in mice. **Cell Research**, 2023, 33, 489–490, *[H 200, Q1, IF 66.850]*
3*.	CK. Ewe, **O. Rechavi** The third barrier to transgenerational inheritance in animals: somatic epigenetic resetting. **EMBO Rep.** 2023 (4): e56615, *[H 202, Q1, IF 8.8, Citations 1]*
4*.	**O. Rechavi**, P Tomancak. Who did what: changing how science papers are written to detail author contributions. **Nature Reviews in Molecular Cell Biology**, 2023., *[H 485, Q1, IF 113.915, Citations 5]*
5*.	I. Rieger, and **O. Rechavi**, ZNFX-1 keeps RNAi in the loop. **Developmental Cell**, 2022, 57 (16):1920-1921, , *[H 286, Q1, IF 11.8]*
6*.	X. Chen, **O. Rechavi**, Plant and animal small RNA communications between cells and organisms. **Nature Reviews in Molecular Cell Biology**. (2022); 23(3):185-203. *[H 485, Q1, IF 113.915, Citations 71]*
7*.	**O. Rechavi**, Re-evaluate evaluation letters — set scientists free! **Nature Reviews in Molecular**

	Cell Biology, 2022, Vol. 23, 695. , *[H 485, Q1, IF 113.915]*
8*.	Eric A. Miska and **O. Rechavi**, "Can Brain Activity Transmit Transgenerationally?": Nematode Models of Development and Disease, **Current Topics in Developmental Biology**, Vol. 144, 2021, Pages 1-18. (Selected for the cover picture). https://doi.org/10.1016/bs.ctdb.2021.03.001, (invited review) , *[H 107, Q1, IF 5.242, Citations 3]*
9*.	I. Lev, **O. Rechavi**. Germ Granules Allow Transmission of Small RNA-Based Parental Responses in the "Germ Plasm" **iScience**, 2020; Vol. 23, Issue 12. [15 of 74 *in multidisciplinary sciences, H 43, Q1, IF 6.107]*
10*.	**O. Rechavi♦**, Transgenerational Inheritance: That Pathogen Gut Feeling. **Current Biology** Vol.30, Issue 24, 2020 (pp.R1486-R1488). https://doi.org/10.1016/j.cub.2020.10.088. *[17 of 292 in Biochemistry & Molecular Biology, 19 of 190 in Cell Biology, Q1, IF 9.251]*
11*.	L. Houri-Ze'evi♦, **O. Rechavi♦**. A Matter of Time: Small RNAs Regulate the Duration of Epigenetic Inheritance. **Trends in Genetics**, Vol.33, 2017 (pp.46 57). *[5 of 171 in Genetics & Hereditary, Q1, IF 10.556, Citations 35]*
12*.	**O. Rechavi♦**, I. Lev♦. Principles of Transgenerational Small RNA Inheritance in *C. elegans.* **Current Biology**, Vol.27, Issue 14, 2017 (pp.R720-R730). *[17 of 292 in Biochemistry & Molecular Biology, 19 of 190 in Cell Biology, Q1, IF 9.251, Citations 73]*
13*.	M. Bar♦, B. Rotblat♦, **O. Rechavi♦**. Nomad Scientists and the Ones Left Behind. **eLife**, 2017;6:e30183. doi: 10.7554/eLife.30183. *[4 of 85 in Biology, Q1, IF 7.616]*
14*.	M. Neuhof♦, M .Levin♦, **O. Rechavi♦**. Vertically and horizontally transmitted memories – the fading boundaries between regeneration and inheritance in Planaria. **Biology Open**, Vol 5, 2016 (pp.1177-1188), (Cover picture selected). *[27 of 85 in Biology, Q1, IF 2.217, Citations 17]*
15*.	L. Houri-Ze'evi♦, **O. Rechavi♦**. Plastic Germline Reprogramming of Heritable Small RNAs Enables Maintenance or Erasure of Epigenetic Memories. **RNA Biology**, Vol.13, 2016 (pp.1212-1217). *[47 of 292 in Biochemistry & Molecular Biology, Q1, IF 5.216, Citations 3]*
16*.	Y. Pilpel♦, **O .Rechavi♦**. The Lamarckian Chicken and Darwinian Egg. **Biology Direct**, 2015, 10:34, doi:10.1186/s13062-015-0062-9. *[21 of 85 in Biology, Q1, IF 2.649, Citations 6]*
17*.	M. Sela, Y. Kloog, **O. Rechavi¶**. Non-coding RNAs as the bridge between epigenetic mechanisms, lineages, and domains of life. **Journal of Physiology**, Vol.595, 2014, (pp.2369-2373). *[10 of 83 in Physiology, 58 of 261 in Neuroscience, Q1, IF 4.739, Citations 7]*
18*.	S. Anava, R .Posner, **O. Rechavi¶**. The Soft Genome. **Worm**, Vol.3, 2014, e989798, doi: 10.4161/21624054.2014.989798. *[No Q or IF were available, Citations 12]*
19*.	**O. Rechavi**. Guest list or Black list: Heritable small RNAs as immunogenic memories. **Trends in Cell Biology**, Vol.24, 2014 (pp.212-220*). [8 of 190 in Cell Biology, Q1, IF 13.527, Citations 33]*

Chapters in Books, Papers Published in Proceedings or other Unreviewed Publications, Abstracts

at International Meetings

1. I. Lev, H. Gingold, **O. Rechavi**. Transgenerational inheritance of small RNAs in C .*elegans*. The Israel Society for Physiology and Pharmacology (ISPP) meeting, 2019
2. S. Bracha, K. Hassi K, P.D. Ross, S. Cobb, L. Sheiner, **O. Rechavi**. Can we make an enemy a friend? Engineering Toxoplasma *gondii* as a vector for delivering therapeutic proteins to the brain. Infective Disease Research Initiative Scotland Meeting (IDRIS), University of Dundee, UK, 2019
3. I. Lev, U. Seroussi, H. Gingold, R. Bril, S. Anava, **O. Rechavi**. Interactions between small RNAs and chromatin modifications in heritable memory. Minerva Center Evolution meeting. Weizmann Institute of Science, 2018
4. S. Bracha, K. Hassi K, P.D. Ross, S. Cobb, L. Sheiner, **O. Rechavi**. Using Toxoplasma gondii as a vector for therapeutic protein delivery to the CNS. Biology of Host-Parasite Interactions Gordon Research Conference and Gordon Research Seminar, Salve Regina University, Newport, RI, USA, 2018
5. L. Houri-Ze'evi, G. Teichman, H. Gingold, **O. Rechavi**. Stress Resets Transgenerational Small RNA Responses. The 5th Ecology, Evolution, and Genomics of *C. elegans* and other Model Nematodes conference, Cambridge, UK, 2018.
6. I. Lev, H. Gingold, **O. Rechavi**. Untangling the Role of H3K9 Methylations in Transgenerational Inheritance. The 11th Forum of Neuroscience conference. Berlin, 2018
7. S. Bracha, K. Hassi K, P.D. Ross, S. Cobb, L. Sheiner, **O. Rechavi**. Using Toxoplasma *gondii* as a vector for therapeutic protein delivery to the CNS. ToxoUK, Imperial College London, UK, 2018
8. L. Houri-Ze'evi, G. Teichman, H. Gingold, **O. Rechavi**. Stress Resets Transgenerational Small RNA Responses. The 'One2Many 2018: A System View of biology' international conference, Weizmann Institute, Israel, 2018
9. L. Houri-Ze'evi, Y. Korem, H. Sheftel, L. Faigenbloom, I. Toker, Y. Dagan, L. Awad, L. Dagani, U. Alon, **O. Rechavi**. A tunable mechanism determines the transgenerational duration of small RNAs inheritance in C.elegans. ILANIT/FISEB, Eilat, Israel, 2017
10. A. Alon, Y. Pilpel and **O. Rechavi**, Discovering new translation potential of nucleo9de sequences: Application for ribosomal frame shift detection. ILANIT/FISEB, Eilat, Israel, 2017
11. S. Bracha, K. Hassi, J. Ovciarikova, L. Sheiner, **O. Rechavi**, With a Little Help from My Friends – Engineering Parasites for the Delivery of Therapeutic Proteins to the CNS. ILANIT/FISEB, Eilat, Israel, 2017
12. I. Lev, **O. Rechavi**. What stops transgenerational epigenetic inheritance? Development of Sensory Systems, The Switzerland Institute of Developmental Biology, Israel 2017
13. I. Lev, U. Seroussi, H. Gingold, S. Anava, **O. Rechavi**. How damage accumulates in the epigenome over generations. Aging of the genome meeting, Maale Hahamisa, Israel, 2017
14. I. Lev, U. Seroussi, H. Gingold, S. Anava, **O. Rechavi**. The role of the targeted locus in heritable RNAi. 2017 Israeli Worm Meeting. Tel-Aviv University, 2017
15. L. Houri-Ze'evi, G. Teichman, H. Gingold, **O. Rechavi**. Stress Resets Transgenerational Small RNA

	Responses. LATSIS symposium on transgenerational inheritance, ETH, Zurich, Switzerland, 2017
16.	I. Lev, U. Seroussi, H. Gingold, S. Anava, **O. Rechavi**. Untangling the roles of H3K9me3 in transgenerational small RNA inheritance. The 21th International Elegans Conference, University of California, LA, USA, 2017
17.	**O. Rechavi**. Transgenerational Memory in *C. elegans*. Symposium at the University of Warwick Medical School, Warwick, UK, 2017
18.	L. Houri-Ze'evi, G. Teichman, H. Gingold, **O. Rechavi**. Stress Resets Transgenerational Small RNA Responses. The 6th Graduate Students Conference in Genetics, Genomics and Evolution, Bar-Ilan University, Ramat-Gan, Israel, 2017
19.	I. Toker, **O. Rechavi**. The germline/soma distinction under the challenge of epigenic inheritance. Civita retreat on Cell Biology and cancer, Civita Italy, 2016
20.	L. Houri-Ze'evi, Y. Korem, H. Sheftel, L. Faigenbloom, I. Toker, Y. Dagan, L. Awad, L. Dagani, U. Alon, **O. Rechavi**. A tunable mechanism determines the transgenerational duration of small RNAs inheritance in *C. elegans*. The EMBO workshop for systems biology of non-coding RNAs, Rehovot, Israel, 2016
21.	L. Houri-Ze'evi, Y. Korem, H. Sheftel, L. Faigenbloom, I. Toker, Y. Dagan, L. Awad, L.Dagani, U. Alon, **O. Rechavi**. A tunable mechanism determines the transgenerational duration of small RNAs inheritance in *C. elegans*. The Tokyo RNA society meeting, Tokyo, Japan, 2016
22.	L. Houri-Ze'evi, Y. Korem, H. Sheftel, L. Faigenbloom, I. Toker, Y. Dagan, L. Awad, L. Dagani, U. Alon, **O. Rechavi**. A tunable mechanism determines the transgenerational duration of small RNAs inheritance in *C. elegans*. The European Worm Meeting, Berlin, Germany, 2016
23.	L. Houri-Ze'evi, Y .Korem, H. Sheftel, L. Faigenbloom, I. Toker, Y. Dagan, L. Awad, L. Dagani, U. Alon**, O. Rechavi**. A tunable mechanism determines the transgenerational duration of small RNAs inheritance in *C. elegans*. The MBSJ annual meeting, Yokahoma, Japan, 2016
24.	I.Lev, S. Anava, **O. Rechavi**. Examination of *Caenorhabditis elegans*'s polyploid intestine genomic variability. 2015 Minerva Center Meeting. Tel-Aviv University, 2015
25.	**O. Rechavi**, L. Houri-Ze'evi, S. Anava, W.S. Sho Goh, S. Y. Kerk, J.H. Gregory, O. Hobert. Starvation-Induced Transgenerational Inheritance of Small RNAs in *C. elegans*. Aging, metabolism, stress, pathogenesis and small RNAs in C. elegans, University of Wisconsin-Madison, WI, USA, 2014

Selected Interviews for Scientific Journals

1.	Scientists on Social Media: **Oded Rechavi**, 2021, **eLife** https://elifesciences.org/interviews/fobf15df/oded-rechavi
2.	From social media to conference social, 2019, **Nature** https://doi.org/10.1038/d41586-019-03853-1
3.	**Oded Rechavi**, 2020, **Current Biology**. https://doi.org/10.1016/j.cub.2020.03.001