

Dr Aviv Regev



Personal Data

Nationality: Israeli / American
Year of birth: 1971

Studies

M.Sc. (direct, Summa cum laude) Tel Aviv University, Tel Aviv, Israel, 1992-1997

A student in the Adi Lautman Interdisciplinary Program for the Fostering of Excellence (studies mostly in Biology, Computer Science and Mathematics)

Ph.D., Computational Biology, Tel Aviv University, Tel Aviv, Israel, 1998-2002

Advisors: Prof. Eva Jablonka (Tel Aviv University) and Prof. Ehud Shapiro (Computer Science, Weizmann Institute)

Professional Career

2003 – 2006

Bauer Fellow, Center for Genomics Research, Harvard University

2006 – 2011

Assistant Professor, Department of Biology, MIT

2006 – 2020

Core Member, Broad Institute of MIT and Harvard

2009 – 2014

Early Career Scientist, Howard Hughes Medical Institute

2011 – 2015

Associate Professor with Tenure, Department of Biology, MIT

2012 – 2020

Founding Director, Klarman Cell Observatory, Broad Institute,

2013 – 2020

Director, Cell Circuits Program, Broad Institute

2014 – 2020

Chair of the Faculty and Member of the Executive Leadership Team, Broad Institute

2015 – Today
Professor, Department of Biology, MIT

2014 – 2020
Howard Hughes Medical Institute Investigator

International Service

2016 – Today
Founding Co-Chair, Human Cell Atlas

Prizes and Honors (selected)

2006
Career Award at the Scientific Interface, Burroughs-Wellcome Fund

2008
Tomorrow's Pls, Genome Technology Magazine

2008
Overton Prize, International Society for Computational Biology

2008
PIONEER Award, NIH Director

2008
Sloan Fellow, Sloan Foundation

2009
Finalist, Vilcek Prize for Biomedical Promise, Vilcek Foundation

2014
Earl and Thressa Stadtman Scholar Award, American Society for Biochemistry and Molecular Biology (ASBMB)

2017
Paul Marks Prize, Memorial Sloan Kettering Cancer Center

2017
Innovator Award, International Society for Computational Biology (ISCB)

2018
McCormick Lecture, Stanford University

2018
Harvey Lecture, Harvey Society, New York

2018

Whetherall Lecture, Oxford, UK

2019

FASEB Excellence in Science Mid-Career Investigator Award

2019

National Academy of Sciences USA, Elected Member

2020

Mendel Lecture, European Society of Human Genetics

2020

Jonathan Kraft Prize, Massachusetts General Hospital

Internal Service (selected)

Member, Executive Committee, Department of Biology

Chair, Broadnext10 Scientific Frontiers (strategic planning)

Member, Scientific Planning and Allocation of Resources Committee: SPARC

2018 – 2019

Member, Search Committee for Inaugural Dean, College of Computing, MIT

External Service (selected)

Corporate Advisory Boards

2013 – 2020

Scientific Advisory Board, Syros Pharmaceuticals

2014 – 2020

Scientific Advisory Board, ThermoFisher Scientific

2018 – 2020

Observer, Board of Directors, Celsius Therapeutics

2019 – 2020

Scientific Advisory Board, Asimov

2019 – 2020

Scientific Advisory Board, Neogene Therapeutics

Academic Advisory Boards

2013 – 2016

Scientific Advisory Board, Simons Institute for the Theory of Computing, UC Berkeley

2013 – 2019

Scientific Advisory Board, Jackson Laboratory, Bar Harbor, ME

2014 – Today

Scientific Advisory Board, SciLife Lab (Karolinska and Uppsala), Sweden

2017 – 2020

Advisory Council, National Human Genome Research Institute

2017 – 2019

Biology Task Force, Defense Science Board

2017 – Today

Scientific Advisory Board, St. Jude Children's Research Hospital

2019 – Today

Scientific Advisory Board, Flatiron Institute

2019 – Today

Institutional Advisory Board, VIB Life Sciences Research Institute (VIB)

2019 – Today

Board of Scientific Councilors, Memorial Sloan Kettering Cancer Center

Journal Editorial Boards (selected)

2012 – 2014

Member, Board of Reviewing Editors, eLife

2013 – Today

Editorial Board Member, Nature/EMBO Molecular Systems Biology

2014 – 2018

Senior Editor, eLife

2016 – Today

Member, Editorial Board, Cell