

ADA YONATH, CURRICULUM VITAE

Education:

1959-1962 B.Sc. Chemistry, Hebrew University, Jerusalem, Israel
1962-1964 M.Sc. Biochemistry, Hebrew University, Jerusalem, Israel
1964-1968 Ph.D. X-ray crystallography, Weizmann Institute (WI), Israel
1969 Post Doctoral Fellow, Mellon Inst. Pittsburgh, Pa., USA
1970 Post Doctoral Fellow, Dept. of Chemistry, MIT, Cambridge, MA, USA

Professional Experience:

1989- Director, the Kimmelman Center for Biomolecular Assemblies, WI
1988- Professor, Dept. of Structural Biology, WI
1988-2004 Director, the Mazer Center for Structural Biology, WI
1986-2004 Head, Max-Planck Research Unit, Hamburg, Germany
1992-1994 Chairperson, Dept. of Structural Biology, WI
1989-1990 Chairperson, Dept. of Structural Chemistry, WI
1984-1988 Associate Prof., Dept. of Structural Chemistry, WI
1974-1983 Senior Scientist, Dept. of Structural Chemistry, WI
1979-1983 Visiting Prof., Max-Planck Inst. for Mol. Genetics, Berlin, Germany
1978 summer Visiting Prof., Universidad Austral de Chile, Valdivia, Chile
1977-1978 Visiting Scientist, Biophysics, University of Chicago, IL, USA
1974 Visiting Scientist, Dental School, University of Alabama, USA
1971-1977 Consultant: The Open University, Israel
1971-1978 Lecturer, Tel-Aviv & Ben Gurion Uni, Israel
1970-1974 Scientist, Dept. of Chemistry, WI

Member of the USA National Academy of Sciences

Member of the Israeli Academy of Sciences and Humanities

Member of the European Academy of Sciences and Art

Member of the European Molecular Biology Organization (EMBO)

Member of the American Academy of Art and Sciences

Member of the International Academy of Astronautics (IAA)

Honors and Awards:

2008 – Albert Einstein World Award of science, Princeton University, NJ, USA.
2008 – Honorary Doctorate, Oxford University, England
2008 – The UNESCO-L'Oréal Award for European Woman in Life science, Paris
2008 – The George E. Palade Gold Medal, Wayne State U. Medical School, Detroit, USA
2008 – The Linus Pauling Gold Medal – Stanford, USA
2007 – The American Chemical Society Luncheon in honor the Wolf Prize, Boston, USA
2007 – The Wolf Prize, Jerusalem, Israel
2007 – The Paul Ehrlich-Ludwig Darmstaedter Medal, Germany
2006 – The Israel Prime Minister EMET award
2006 – The Rothschild Prize for Life Sciences
2005 – Louisa Gross Horwitz Prize of Columbia University, NYC
2005 – The Fritz Lipmann Lectureship, the German Biochemical Society, Berlin
2005 – The Datta Lectureship Award, IUBMB, Budapest Hungary
2004 – The Massry Foundation International Award and Medal for Ribosome Research
2004 – The Paul Karrer Gold Medal, Zurich, Switzerland
2003 – The Anfinsen Prize of the Protein Society, Boston, USA
2003 – Medal of distinction, Israeli Chemical Society

2003 – Honorary doctorate, Tel-Aviv Uni. Israel
2002 – Honorary doctorate, Ben-Gurion Uni., Israel
2002 – Harvey Prize for Natural Sciences, the Technion, Israel
2002 – The Israel Prize for Chemical Research
2002 – The F.A. Cotton Medal, the USA Chemical Society, USA
2001 – Honorary Member of the Israeli Crystallographic Society
2000 – National Institutes of Health (NIH) Certificate of Distinction, USA
2000 – The Kilby International Award, USA
2000 – The First European Crystallography Prize, Nancy, France
1990 – Kolthof Award for outstanding research in Chemistry, Haifa, Israel
1989 – Holder of Martin A. Kimmel Professorial Chair, Weizmann Inst., Israel
1974 – Somach Sachs Award for Outstanding Work in Biochemistry
1967 – Miphah Hapais Prize for Outstanding Graduate Studies

Plenary and special lectures

2009 – DeLuca Lecture UCSD, La Jolla, Ca, USA
2009 – Plenary in Frontiers in Chemistry Symposium, Scripps Research Institute, La Jolla, Ca, USA
2008 – Palade Distinguished Lecture, Wayne State University, Detroit, Mi, USA.
2008 – World Award of Science Lecture, Princeton University, NJ, USA.
2008 – The Connell Lecture, Toronto University Medical School, Canada
2008 – Plenary Lecture at the “Women Shaping Science”, Vilnius, Lithuania
2008 – The “Honors” lecture, New York University Medical School, USA
2008 – The XXXVII Annual Linus Pauling Lecture, Stanford, USA
2008 – The George E. Palade Distinguished Lecture Wayne State U. Med School, Detroit, USA
2007 – The World Women, Culture and Peace Forum, Gwangju, S. Korea
2007 – The American Chemical Society Womanhood Lecture, Boston, USA
2007 – “Nothing is Impossible” symposium, Technion, Plenary lecture
2007 – Mini symposium in honor of Wolf Winners, Weizmann Institute
2007 – The Dorothy Crowfoot-Hodgkin Symposium keynote speaker, Zurich, Switzerland
2006 – The Keynote lecture in ESOR 11 Symposium, Warsaw, Poland
2006 – The Otto Loewy Lecture of the David Herzog Fund, Medical University, Graz, Austria
2005 – The Fritz Lipmann Lecture, Berlin
2005 – The Datta Lectureship Award, IUBMB, Budapest Hungary
2005 – “Inside the RNA World” COST symposium, Paris, France
2005 – The ICWES1 women in Science and Engineering meeting, Seoul
2004 – The NYU colloquium in Life Sciences
2004 – The Steenbock Lecture, Wisconsin, USA
2004 – The Nobelsymposium on Molecular Mechanisms of Biological Processes, Sweden
2004 – The FEBS Young Scientist Forum – Warsaw, Poland
2004 – The Israeli Microbiology Society Meeting, Haifa, Israel
2004 – The ESRF-Israel Collaboration Conference, Jerusalem, Israel
2003 – Student Forum Lecture, MPI, Martinsreid, Germany
2003 – The International Biochemistry Society, Montreal, Canada
2003 – The Nobel symposium on non-coding RNA, Stockholm, Sweden
2003 – The 3rd European Life Science Organization Meeting, Dresden, Germany
2003 – The Anfinsen plenary lecture in the 17th Protein Symposium, Boston, USA
2003 – The Opening lecture in ESOR 9 Symposium, Oslo, Norway
2003 – The Finnish Bio-Center lecturer, Helsinki, Finland
2003 – “RNA Targeting” Aventis Initiative, Wiesbaden, Germany
2003 – RNA chemistry and Medicine, Jerusalem, Israel
2002 – The 28th FEBS Meeting, Istanbul, Turkey
2002 – The XVI International Crystallography Meeting, Geneva, Switzerland
2002 – The 1st Central European Conf. “Chemistry towards Biology”, Portoroz, Slovenia
2002 – The 150 years of Norwegian Chemistry Celebration, Oslo, Norway
2002 – Symposium on Structural Biology, Tromso, Norway

2002 – The Maria Goeppert-Mayer Lecture, UCSF, San Diego, USA
2002 – The 5th Heart of Europe Meeting, Goslar, Germany
2002 – The Israeli society for Infectious diseases, Eilat, Israel
2002 – The Frontier of Science Lecture, Case Western University, USA
2001 – Address to the Japanese Biochemical society, Tokyo, Japan
2001 – The Stein Lecture, Rockefeller University, NY, USA
2001 – The Israeli Chemical Society Annual Meeting, Tel-Aviv, Israel
2001 – The ESRF Users Meeting, Grenoble, France
2000 – The DeWitt Stetten Symposium, National Institutes of Health (NIH), USA
2000 – The Welch Foundation Lecturer, Texas, USA
2000 – The European Crystallography Meeting, Nancy, France
1999 – Crystallography Towards Medicine III, Marburg, Germany
1996 – The annual Bio-center Lecture, Amsterdam, the Netherlands
1993 – The XII International Crystallography Meeting, Beijing, China

Editorial Boards:

EMBO J, EMBO Reports, ChemBioChem, Current protein& peptide science.

Membership in National and International Committees:

The National Supreme Committee for High Education (MALAG)
The National Advisory Committee for Vision of Science, Israel
The Advisory Committee, Biological Functions (Life 2000), Academy of Finland
The International Committee for Synchrotron Radiation
The Principal Users Group (PUG), Argonne National Laboratory, USA
The Principal Users Group at Cornell High Energy Synchrotron Source (CHESS), USA
The priority committee for synchrotron radiation in biology, ESRF, Grenoble
The Israeli Academy Committees for Synchrotron Radiation, Microgravity and Bikura (First) Fund
The Scientific Advisory committee of the Austrian Academy of Sciences (Biophysics and Nanosystems)
The Scientific Advisory committee of the Center for Structural Biology, Argonne National Laboratory, USA
The Scientific Advisory committee of the European Synchrotron Radiation Facility, Grenoble, France

January 2009