

CURRICULUM VITAE

Yosef Shiloh, Ph.D.

Personal

Date of Birth: February 1st, 1949
Place of birth: Haifa, Israel
Citizenship: Israeli
Marital status: Married, with two children
Home address: 3, Brazil Street, Ramat-Aviv 69460, Israel
Work address: Department of Human Genetics and Molecular Medicine,
Sackler School of Medicine, Tel Aviv University, Ramat-Aviv
69978
Telephones: 972-3-6409760 (w); 972-3-6417451 (h)
FAX: 972-3-6407471 (w); 972-3-6423422 (h)
E-mail: yossih@post.tau.ac.il

1967 - 1970: Service in the Israeli Defense Forces as reporter and editor of
documentary programs, "Galei-Zahal", the IDF Broadcasting
Station.

Education

1971 - 1974	The Technion - Israel Institute of Technology	B.Sc. in Biology, With Distinction
1975 - 1977	The Hebrew University of Jerusalem	M.Sc. in Human Genetics, With Distinction
1978 - 1983	The Hebrew University of Jerusalem	Ph.D. in Human Genetics

Professional Experience and Positions Held

- 1975 - 1983 Assistant and Instructor in Human Genetics and Molecular Biology, Hadassah-Hebrew University Medical School.
- 1979 Visiting Research Associate, Department of Microbiology, University of Chicago.
- 1982 Visiting Research Associate, Department of Biochemistry, TNO Laboratories, Rijswijk, Netherlands.
- 1983 - 1985 Postdoctoral Research Fellow in Genetics, Department of Pediatrics, Harvard Medical School and Division of Genetics, The Children's Hospital of Boston.
- 1985 - 1989 Senior Lecturer of Human Genetics, Sackler School of Medicine, Tel Aviv University.
- 1989 - 1995 Associate Professor of Human Genetics, Sackler School of Medicine, Tel Aviv University.
- 1990 Visiting Professor, INSERM, Paris, France (summer).
- 1992 - 1993 Visiting Scientist, Department of Human Genetics and Howard Hughes Medical Institute, University of Michigan Medical Center, Ann Arbor, Michigan, USA.
- 1995 - present Professor of Human Genetics, Sackler School of Medicine, Tel Aviv University.
- 2002 - 2005 Chairman, Department of Human Genetics and Molecular Medicine, Sackler School of Medicine, Tel Aviv University

Awards, Fellowships and Honors

- 1978 Zohara Lewitov Prize, Hadassah-Hebrew University School of Medicine.
- 1981 International Cancer Research Technology Transfer (ICRETT) Fellowship, The International Union Against Cancer (UICC).
- 1982 Mauricio Richter Award for a Research Project, The Hebrew University of Jerusalem.
- 1983 Lea and Arthur Felix Award for Ph.D. Thesis, Hadassah- Hebrew University School of Medicine.
- 1984 Chaim Weizmann Fellowship for Postdoctoral Research.
- 1985 Yigal Alon Career Development Award.
- 1990 Fellowship for Visiting Scientists, awarded by the French Ministry of Science and Technology.

- 1992 The Richard M. Goodman Fellowship in Jewish Genetic Diseases.
- 1993 American Cancer Society International Research Fellowship, The International Union Against Cancer (UICC).
- 1996 Colleen Giblin Distinguished Lecturer, College of Physicians and Surgeons of Columbia University.
- 1996 The Annual Research Prize of the Center for Cancer Research of Tel Aviv University.
- 1996 Teva Pharmaceutical Industries Prize in Biomedical Research.
- 1998 Leidse Genetische Colloquia Lecturer, Leiden University, Netherlands
- 1999 Charlene Worcester Memorial Lecturer, Baptist Health Foundation, Birmingham, AL.
- 1999 Laurie Beechman A-T Research Award, awarded by The A-T Children's Project
- 2000 Keynote Speaker, Special American Association of Cancer Research Meeting on DNA Repair Defects, San Diego, CA
- 2001 The 16th Hans Lindner Memorial Lecturer, Weizmann Institute of Science, Rehovot, Israel
- 2001 Teaching Excellence Award, Sackler School of Medicine, Tel Aviv University
- 2001 **Incumbent, The David and Inez Chair in Cancer Genetics, Sackler School of Medicine, Tel Aviv University**
- 2001 Keynote Speaker: The 2001 Eurocancer Meeting on New Trends in Cancer Research, Paris, France.
- 2002 Member, Institute of Advanced Studies, The Hebrew University of Jerusalem
- 2002 Member, European Molecular Biology Organization (EMBO)
- 2003 Ataxia-Telangiectasia Medical Research Foundation Award for Life Achievement
- 2004 The EMBO Lecture, The 33rd Annual Meeting of the European Society of Radiation Biology, Budapest, Hungary
- 2004 National Institute of Environmental Health Sciences Distinguished Lecturer
- 2005 Novartis-UICC Translational Cancer Research Fellowship (Awarded by Novartis and The International Union Against Cancer)
- 2005 **Member, The Israel National Academy of Sciences and Humanities**

- 2005 Distinguished Lecture Series, Life Sciences Division, Lawrence Berkeley National Laboratory, Berkeley, CA
- 2005 Fogarty Scholar at the National Institutes of Health (USA)
- 2005 **EMET Prize in Life Sciences, awarded by The A.M.N. Foundation for the Advancement of Science, Art and Culture and the Prime Minister of the State of Israel**
- 2006 Distinguished Lecture Series, "Frontiers in Oncology", University of Maryland Greenbaum Cancer Center, Baltimore, MD
- 2006 The Danny Thomas Lecture, St. Jude Children's Research Hospital, Memphis, TN
- 2006 Visiting Fellow, The Foundation for Promotion of Cancer Research in Japan, National Cancer Center Research Institute, Tokyo, Japan
- 2007 Israel Cancer Research Fund Research Professor
- 2008 Tel Aviv University Research Prize
- 2008 Honorary Member, The German Society for Research on DNA Repair (DGDR)

Patents

USA Patent No. 5,756,288, "Ataxia-Telangiectasia Gene"

USA Patent No. 5,777,093, "cDNAs Associated with Ataxia-Telangiectasia"

USA Patent No. 5,728,807, "Mutated proteins Associated with Ataxia-Telangiectasia"

USA Patents No. 5,858,661 and 2,265,158 B1, "Ataxia-Telangiectasia Gene and its Genomic Organization"

Membership in Professional Societies and Organizations

Israel Society of Genetics Israel Society of Human Genetics

Israel Society of Biochemistry and Molecular Biology

Israel Society of Developmental Biology

European Molecular Biology Organization (EMBO)

European Society of Human Genetics

European Association of Cancer Research (EACR)

Association of the UICC Fellows (Life Member)

The Human Genome Organization (HUGO)

American Society of Biochemistry and Molecular Biology (ASBMB)

American Society for Cell Biology Radiation Research Society (USA)

American Society of Human Genetics New York Academy of Sciences
American Association of Cancer Research

Editorial Boards

1992 - European Journal of Human Genetics
1993 - 1999 Psychiatric Neurogenetics
1996 - Genetic Testing
1997 - Genes, Chromosomes and Cancer
1997 - 2001 Mutation Research (DNA Repair)
2002 - 2004 DNA Repair (Associate Editor)
2008 - EMBO Molecular Medicine (Advisory Board)

Institutional Boards

1999 - 2003 Board of Trustees, Tel Aviv University

Institutional Committees (Tel Aviv University)

1986 - 1990 The University Safety Council. Responsibility: biohazard safety.
1986 - 1990 Biohazard Safety Officer, Sackler Faculty of Medicine.
1986 - 1992 Search Committee for Pre-Clinical Academic
1994 - 2002 Appointments of the Sackler Faculty of Medicine.
1989 - 1991 Teaching Committee of the Interdisciplinary Program for
Fostering Excellence.
1991- 1993 M.Sc. Committee, Sackler Faculty of Medicine.
1993 - 1995 M.Sc. Committee, Division of Continuing Studies, Sackler
Faculty of Medicine.
1994 -1997;
1999- Pre-Clinical Appointments and Promotions Committee, Sackler
Faculty of Medicine.
1994- Research and Development Committee, Sackler Faculty of
Medicine.
1997- Tel Aviv University Committee for Environmental Safety of
Genetic Engineering.
1997- The Steering Committee of Tel Aviv University Center for
Structural Biology.
1998 - 2002 Head, The Search Committee for Academic Pre-Clinical
Appointments, Sackler School of Medicine.

1999 - 2003	Tel Aviv University Bioinformatics Steering Committee
2002 - 2005	The Steering Committee of the Tel Aviv University Center for Cancer Biology
2002 - 2004	The Steering Committee, The M.Sc. Studies Program in Bioinformatics
2002 - 2005	Honorary Doctorate Committee
2004 - 2007	Chair Committee, Sackler Faculty of Medicine
2002 -	Appointments Committee, Board of Governors
2007 -	Chair Committee, Tel Aviv University

Public, National and International Committees

1990 – 1993	The International Steering Committee of the Phenylalanine Hydroxylase Network
2001; 2005	Scientific Committee, Landau Prize in Life Sciences, Mifal Hapais, Israel
2003	Scientific Committee, EMET Prize in Life Sciences and Agriculture, Israel
2004	Clore Fellowships in the Life Sciences, Israel
2005	Clore Fellowships in the Life Sciences, Israel (Chair)
2004	International committee for the evaluation of a research group (site visit), Cancer Research UK
2005	Israel National Science Foundation, Study Section on Genetics and Oncology (Chair)
2005 – 2006	The Adams Fellowships for Doctoral Students, The Israel National Academy of Sciences and Humanities
2006 - 2009	European Molecular Biology Organization (EMBO) Long-Term Fellowships Committee
2007	Scientific Committee, Landau Prize in Biotechnology, Mifal Hapais, Israel
2008	Member, Academic Council, Ort Braude College, Karmiel, Israel
2008	The Board of the US-Israel Binational Science Foundation (representative of the Israel Academy of Sciences and Humanities)

Invited Lectures (international and national meetings, last 5 years)

The Juan March Conference on Molecular Crosstalk between the Chromosome Fragility Syndromes, Madrid, Spain, 2004.

Guest speaker, Graduate Course on Cellular Responses to DNA Damage, The Netherlands Cancer Institute, Amsterdam, Netherlands, 2004.

The 15th Israel Medical Week (MEDAX), Tel Aviv, Israel, 2004.

Symposium on p53: From Gene to Protein, Apoptosis and Cancer, Center for Systems Biology, The Weizmann Institute of Science, Rehovot, Israel, 2004.

The Annual Meeting of the Center for Cancer Biology of Tel Aviv University, Kfar Bloom, Israel, 2004.

Bio-Tech Israel 2004, Tel Aviv, Israel, 2004.

ZOMES III - COP9 Signalosome, Proteasome and eIF3: At the Interface between Signaling and Proteolysis, Berlin, Germany, 2004.

An International Workshop on Ubiquitin - New Insights into Regulation and Function Chronic Diseases and Cancer, Jerusalem, Israel, 2004.

Sixth Annual Scientific Conference of the Felsenstein Medical Research Center: Pediatric Cancer Research Highlights, Petach Tikva, Israel, 2004.

EMBO Workshop on Mechanisms of Genome Integrity, Gallway, Ireland, 2004.

The 29th Congress of the Federation of the European Biochemical Societies (FEBS), Warsaw, Poland, 2004.

10th Ruth Rappaport Seminar: New Frontiers in Genetics, The Technion Medical School, Haifa, Israel, 2004.

The 33rd Annual Meeting of the European Society for Radiation Biology, Budapest, Hungary (The EMBO Lecture), 2004.

The 34th Annual Meeting of the European Environmental Mutagen Society, Maastricht, Netherlands, 2004.

Workshop on High-Throughput Drug Screening for Ataxia-Telangiectasia, The National Institutes of Health, Bethesda, Maryland, 2004.

Benziyo Symposium on Molecular Basis of Neurological Diseases, The Weizmann Institute of Science, Rehovot, Israel, 2004.

Gordon Conference on Mammalian DNA Repair, Ventura, California, 2004.

The 4th Congress of the Federation of the Israeli Societies for Experimental Biology (FISEB), Eilat, Israel, 2005.

Fragilome: Chromosomal Instability, Fragile Sites, and Cancer, German Cancer Research Center (DKFZ), Heidelberg, Germany, 2005.

The 1st Annual Update Symposium Series on Clinical Neurology and Neurophysiology, organized by Cornell University and Tel Aviv University, Jerusalem, Israel, 2005.

Research Day of the Sackler Faculty of Medicine - Special Session on Scientific Breakthroughs Made at the Sackler School of Medicine, Tel Aviv. Israel, 2005.

"Rethinking A-T Research", International Workshop on Future Directions in A-T Research, organized by the A-T Children's Project, Boston, MA, 2005.

The 2005 International Workshop on Ataxia-Telangiectasia and the ATM Protein, Belgirate, Italy, 2005.

Gordon Research Conference on Genetic Toxicology, New London, New Hampshire, 2005.

52nd Alfred Benzon Foundation Symposium: Cellular Responses to DNA Damage, Copenhagen, Denmark, 2005.

4th Annual American Association for Cancer Research (AACR) Conference on Frontiers in Cancer Prevention Research, Baltimore, MD, 2005.

Distinguished Lecture Series, Life Sciences Division, Lawrence Berkeley National Laboratory, Berkeley, CA, 2005.

Distinguished Lecture Series, "Frontiers in Oncology", University of Maryland Greenbaum Cancer Center, Baltimore, MD, 2006.

Ataxia-Telangiectasia Clinical Research Workshop, Sponsored by NIH and the A-T Children's Project, Bethesda, MD, 2006.

The Danny Thomas Lecture, St. Jude Children's Research Hospital, Memphis, TN, 2006.

Annual Meeting of the Joint Israel-Germany Research Program on Cancer, Tel Aviv, Israel, 2006.

"Replication, Recombination, Repair and Cancer" – an International Symposium, The University of Virginia, Charlottesville, VA, 2006.

The 20th International Congress on Biochemistry and Molecular Biology, Kyoto, Japan, 2006.

The 2006 International Workshop on Ataxia-Telangiectasia and the ATM protein, Banff, Canada, 2006.

An International Workshop on Ubiquitin – New Insights into Regulation and Function in Chronic Diseases and Cancer, Jerusalem, Israel, 2006.

An International Symposium of the Israel Society of Nephrology and Hypertension (ISNH): Aging: Basic and Clinical Aspects, Herzliya, Israel, 2007.

Annual Research Day, Rappaport School of Medicine, The Technion, Haifa, Israel, 2007 (Keynote Speaker).

Annual Meeting of the Joint Israel-Germany Research Program on Cancer, Heidelberg, Germany, 2007.

"Genes and Immunity", an International Symposium, Rappaport School of Medicine, The Technion, Haifa, Israel, 2007.

Advances in Cancer Research, an International Symposium, Heildeberger Foundation and Tel Aviv University, Jerusalem, Israel, 2007.

The CNIO Seminar Series, The Spanish National Cancer Research Center (CNIO), Madrid, Spain, 2007.

The Leiden Genetic Colloquia, Leiden University, Netherlands, 2007.

CNIO Cancer Conference, "Links between Cancer, Replication Stress and Genomic Integrity", The Spanish National Cancer Research Center, Madrid, Spain, 2007.

The Annual Meeting of the Federation of Israeli Biochemical Societies, Eilat, Israel, 2008.

The Katzir Workshop on "The Unbearable Complexity of Life", an International Meeting, Tel Aviv, Israel, 2008.

31st Meeting of the DKFZ-Israel Cooperation in Cancer Research, Shefayim, Israel, 2008.

2nd International Ataxia Investigators' Meeting (AIM), Las Vegas, NV, 2008.

The 2008 International Workshop on Ataxia-Telangiectasia and the ATM protein (ATW2008), Kyoto, Japan, 2008.

The 10th Meeting of the German Society for Research on DNA Repair, Berlin, Germany, 2008.

International Meeting on Genome Stability in Health and Disease, Jerusalem, Israel, 2008 (co-organizer).

AACR Meeting on "Translational Cancer Medicine 2008: Bidding the Lab and the Clinic in Cancer Medicine", Jerusalem, Israel, 2008.

International Symposium on DNA Strand Break Repair and Aging, Aarhus, Denmark, 2009.

2nd Symposium on Clinical Systems Biology, Weizmann Institute of Science, Rehovot, Israel, 2009.

"On Genes and Associated Diseases", a symposium in memory of Prof. Avinoam Adam, The Open University, Israel, 2009.

3rd US-EU Workshop on Systems Level Understanding of the DNA Damage Response, Egmond aan Zee, Netherlands, 2009.

International Symposium on "DNA Damage Response and Repair Mechanisms", Crete Island, Greece, 2009.

International Workshop on "Proteomic Characterization of Macromolecular Complexes Involved in DNA Metabolism", The International Center for Genetic Engineering and Biotechnology, Trieste, Italy, 2009.

Gordon Research Conference on Genetic Toxicology, New London, NH, USA, 2009.

Future meetings

The 25th Annual Meeting of Regenerative Medicine and Cell Therapy, Tokyo, Japan, 2009.

The Annual Meeting of the Pediatric Hematology-Oncology Society of Japan (JPSH/JPSO), Tokyo, Japan, 2009 (Keynote Speaker).

The 25th Annual Meeting of the Radiation Biology Center of Kyoto University, Kyoto, Japan, 2009 (Keynote Speaker).

The 3rd International Workshop on Ubiquitin and Cancer, Advanced Studies Institute, the Hebrew University of Jerusalem, Israel, 2010.

The 2010 A-T Workshop (ATW2010), Los Angeles, CA, USA, 2010.

The 21st Annual Meeting of the European Association for Cancer Research, Oslo, Norway, 2010.

3rd International Meeting on Genome Dynamics in Neurosciences – "DNA Repair and Neurological Disease", Brighton, UK, 2010.