

CURRICULUM VITAE

Name: Harald zur Hausen

Date of Birth: March 11, 1936

Place of Birth: Gelsenkirchen-Buer, Germany

Marital State: Married with Professor Dr. Ethel-Michele de Villiers, three children from first marriage, Jan Dirk (born 1965), Axel (born 1967), Gerrit (born 1977)

Education:

1942 - 1946 Elementary School, Gelsenkirchen-Buer

1946 - 1950 Gymnasium (High School) Gelsenkirchen-Buer

1950 - 1955 Gymnasium Vechta

1955 - 1957 Medical Student, University Bonn

1957 - 1958 Medical Student , University Hamburg

1958 - 1960 Medical Student Med. Akademie Düsseldorf

Dezember 1960 Graduation in Medicine and M.D. University of Düsseldorf

Professional Training and Academic Positions:

1960 - 1962 Internship in Wimbern, Isny and Gelsenkirchen

Dezember 1962 Approbation

1962 - 1965 Research Fellow, Institut für Hygiene und Mikrobiologie, University Düsseldorf; Germany (Head: Prof. Dr. W. Kikuth)

1966 - 1969 Research Fellow, Division of Virology, The Children's Hospital of Philadelphia, University of Pennsylvania (Head: Prof. Dr. W. Henle)

1968 Appointment as Assistant at the University of Pennsylvania, Philadelphia

1969 - 1972 Senior Scientist, Institut für Virologie, University of Würzburg, Germany (Direktor: Prof. Dr. E. Wecker)

1969 „Pivat-Dozent“ für Virologie, University of Würzburg, Germany

1972 - 1977 Chairman and Professor, Institut für Klinische Virologie, University of Erlangen-Nürnberg

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| 1977 - 1983 | Chairman and Professor, Institut für Virologie und Hygiene, University Freiburg i. Br., Germany |
| 1983 - 2003 | Chairman of the Management Board and Scientific Director of the Deutschen Krebsforschungszentrums (German Cancer Research Center), Heidelberg, Germany |
| Since May 2003 | Professor emeritus |

Special Appointments:

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| 1975 - 1977 | „Sprecher“ (Chairman) of the Sonderforschungsbereich 31 Methodenforschung zur Früherkennung des Krebses (Special Research Program of the German Science Foundation – DFG), University of Erlangen-Nürnberg, Germany |
| 1979 - 1983 | „Sprecher“ (Chairman) of the Sonderforschungsbereich 118 Medizinische Virologie: Tumorentstehung und –Entwicklung (Special Research Program of the German Science Foundation – DFG), University of Freiburg, Germany |
| 1983 - 1988 | Member of the Mott-Committee (twice) and of the Assembly of the General Motors Cancer Research Foundation, New York |
| 1983 - 1991 | Member of the Advisory Board (Kuratorium) of the Jung-Stiftung, Hamburg, Germany |
| 1985-1998 | Chairman of the Advisory Council and Vice Chairman of the Board of the Robert-Koch-Stiftung, Bonn, Germany |
| 1986 - 1994 | Member of the Council of the International Union against Cancer (UICC) |
| 1987 - 1989 | Chairman of the Advisory Board (Kuratorium) of the Dahlem Konferenzen, Berlin, Germany |
| 1988 | Appointment as „Honorary-Professor“ at the University of Heidelberg, Germany |
| 1989 - 1991 | Chairman of the Association of National Research Centers (Arbeitsgemeinschaft der Großforschungseinrichtungen), Bonn, Germany |
| 1990 - 1993 | Vice Chairman and President-Elect of the Organisation of European Cancer Institutes (OECI) |
| 1990 - 1995 | Member of the Executive Board of the Swiss Cancer Institute, Epalinges-Lausanne, Switzerland |

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| 1990 - 1992 | Member, BMFT-Commission "Grundlagenforschung" (Commission for Basic Research of the Ministry of Science and Technology, Germany) |
| 1990 - 1996 | Member BMFT Commission „Gesundheitsforschungsrat" (Health Research Council) of the Ministry of Science and Technology, Germany |
| 1991 - 1995 | Member of the Scientific Advisory Board (Wissenschaftlicher Beirat) of the Biomedical Research Center (Biomedizinisches Forschungszentrum – BMZ) of the Heinrich-Heine-University of Düsseldorf, Germany |
| 1991 - 1993 | Vizce-President of the Academia Europaea |
| 1993 - 1996 | President of the Organization of European Cancer Institutes (OECI) |
| 1988 - 1990 | Chairman of the von Leyden-Prize-Committees, Heidelberg, Germany |
| 1994 - 1996 | Chairman of the Salzer-Prize-Committee, Heidelberg, Germany |
| 1994 - 1998 | Member of the Scientific Advisory Board of the Imperial Cancer Research Center (ICRF), London, U.K. |
| 1994 - 1996 | Member of the European Board of Directors of the Human Genome Organization (HUGO) |
| 1996 - 2006 | Member of the Scientific Advisory Committee of the Ludwig Institute for Cancer Research |
| 1998 - 2000 | Member of the German American Academic Council |
| 1998 - 2002 | Member of the „Hochschulrat“ (University Advisory Council) of the University Erlangen-Nürnberg, Germany |
| 1999 - 2000 | Vice-Chaiman of the German American Academic Council |
| 1999 - 2009 | Member of the Governing Council des International Network for Cancer Treatment and Research, Brussels |
| 2001 - 2003 | Chairman of the German National Research Centers (later Helmholtz Society) |
| 2003 - 2005 | Member „Gesundheitsforschungsrat“ (Health Research Council) of the Germany Ministry of Science and Technology |
| 2003 - 2006 | Member of the „Stiftungsrat“ (University Advisory Council University Göttingen, Germany, |

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| 2003 - 2009 | Vice-President of the LEOPOLDINA, German Academy of Natural Sciences and Medicine |
| 2005 - 2009 | Member of the International Scientific Advisory Committee of the French National Cancer Institute, Paris |
| 2006-2010 | Member of the Board of Directors, International Union against Cancer, Geneva, Switzerland |
| Since 2006 | Member of the International Advisory Committee of the National Science and Technology Development Agency (NSTDA), Bangkok, Thailand |
| 2007-2009 | Member of the Scientific Advisory Board of the Wiener Wissenschafts-, Forschungs- und Technologiefonds (WWTF), Vienna, Austria |
| Since 2010 | Vice-President European Academy of Cancer |

Awards:

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| 1971 | Walter-Richtzenhain-Prize, University of Heidelberg; Germany |
| 1974 | Wilhelm-Warner-Prize, University of Hamburg, Germany |
| 1975 | Robert-Koch-Prize and Medal, Bonn, Germany |
| 1982 | Schaudinn-Hoffmann Plakette, German Dermatological Society, Vienna, Austria |
| 1985 | Lila-Gruber-Award for Cancer Research, American Academy of Dermatology, Las Vegas, USA |
| 1986 | Leah-Lederman-Lecture, Royal Society of Medicine, London, UK |
| 1986 | Deutscher Krebspreis (German Cancer Award), German Cancer Association, Munich, Germany |
| 1986 | Charles S. Mott-Preis, General Motors Cancer Research Foundation, Washington D.C., USA |
| 1992 | Sebetia Ter Prize, Naples, Italy |
| 1993 | Federation of the European Cancer Societies, Clinical Research Award, Jerusalem, Israel |
| 1993 | Martinus-Willem Beijerinck Virology Medal, Nederlands Academy of Sciences, Amsterdam, The Netherlands |

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| 1994 | Paul-Ehrlich- und Ludwig Darmstätter-Prize, Frankfurt, Germany |
| 1994 | Emil von Behring Prize, University of Marburg, Germany |
| 1996 | Ernst-Jung-Prize, Hamburg, Germany |
| 1999 | Charles-Rudolphe-Brupbacher Prize, Zürich, Switzerland |
| 2000 | Virchow-Medal of the Medical Faculty, University of Würzburg; Germany |
| 2001 | Arthur-Burckhardt-Preis, Stuttgart, Germany |
| 2001 | Thomas Parran Prize, American Society of Sexually Transmitted Diseases |
| 2002 | San Marino Prize for Medicine |
| 2002 | Honorary Senator, University of Erlangen-Nürnberg, Germany |
| 2002 | Gregor-Mendel Medal, University of Prague, Czech Republic |
| 2004 | „Großes Bundesverdienstkreuz“ (Order of Merit), Berlin, Germany |
| 2005 | Price of the Panamerican Society for Clinical Virology, Clearwater, USA |
| 2006 | Prince Mahidol Award, Bangkok, Thailand |
| 2006 | Raymond Bourguin Award, Paris, France |
| 2006 | Order of the Merit of the State of Baden-Württemberg, Germany |
| 2006 | William B Coley Award for Distinguished Research in Basic Immunology, Cancer Research Institute, New York, USA |
| 2007 | Johann-Georg Zimmermann Medal for Distinguished Research in Cancer Prevention, Hannover; Germany |
| 2007 | Loeffler-Frosch Medal, German Virological Society, Nürnberg, Germany |
| 2007 | Daniel Nathans Memorial Award, Rapid Falls, USA |
| 2007 | Deutscher Krebshilfe-Preis (German Cancer Aid Award), Bonn, Germany |
| 2008 | AACR Lifetime Achievement Award, American Association of Cancer Research, San Diego, USA |

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| 2008 | Stuart Mudd Award for Studies in Basic Microbiology, International Union of Microbiology Societies (IUMS), Istanbul, Turkey. |
| 2008 | UICC Outstanding Volunteer Award for Excellence in Cancer Control. Geneva, Switzerland. |
| 2008 | Warren Alpert Foundation Prize, Harvard Medical School Boston, USA. |
| 2008 | Gairdner Foundation International Award, Toronto, Canada |
| 2008 | Nobel Prize for Physiology or Medicine, Stockholm, Sweden |
| 2008 | Prix de la Princess Lalla Salma, Rabat, Morocco |
| 2009 | Honorary President, Hellenic Society for Cytology, Athens, Greece |
| 2009 | Primio ACCUDES AWARD, Junta Directiva de la Asociación contra el Cancer de Útero de España, Madrid, Spain |
| 2009 | Innovation Award „Berufsverband Deutscher Frauenärzte“, Düsseldorf, Germany |
| 2009 | „Großes Bundesverdienstkreuz mit Stern“ (Special Order of Merit with Star“, President of the German Republic, Berlin |
| 2009 | Honorary Professor in Cancer Virology, Department of Cellular and Molecular Medicine, University of Copenhagen, Denmark |
| 2010 | Grand Georgios Papanicolaou Award, Hellenic Society, New York, U.S.A. |
| 2010 | Hall of Fame of German Research“, Manager Magazin, Berlin, Germany |
| 2010 | The Economist’s Innovation Award, The Economist, London, U.K. |
| 2010 | Lennox K. Black International Prize for Excellence in Biomedical Research, Thomas Jefferson University, Philadelphia, U.S.A. |
| 2011 | “Bayerischer Maximiliansorden” (Bavarian Order of Merit for Sciences and the Arts), Munich, Germany |
| 2011 | Tsungming Tu Prize, Taipeh, Taiwan |
| 2012 | Excellence in Cervical Cancer Award, Austin, Texas |

- 2012 Mike Hogg Award 2012, Houston, Texas
- 2012 TEFAF Oncology Chair 2012, Maastricht
- 2012 Ernst Wertheim-Preis“, AGO, Salzburg, Austria

Honorary Degrees:

- 1984 Honorary Degree, Doctor of Sciences, University of Chicago, USA
- 1991 Honorary Degree, Doctor of Medicine, University of Umeå, Sweden
- 1994 Honorary Degree, Doctor of Medicine, Charles-University Prague, Czech Republic
- 1997 Honorary Degree, Doctor of Science, University of Salford, U.K.
- 2000 Honorary Degree, Doctor of Medicine, University of Helsinki, Finland
- 2005 Honorary Degree, Doctor of Medicine, University of Erlangen-Nürnberg, Germany
- 2008 Honorary Degree, Doctor of Medicine, University of Würzburg, Germany
- 2008 Honorary Degree, Doctor of Medicine and Surgery, University of Ferrara, Italy
- 2009 Honorary Degree, Doctor of Science, La Trobe University, Victoria, Australia (Formal Ceremony in 2010)
- 2009 Honorary Degree, Doctor of Science, University Buenos Aires, Argentina
- 2010 Honorary Degree, Doctor of Pharmacy, University of Salerno, Italy
- 2011 Honorary Degree, Doctor of Medicine, University of Madrid, Spain
- 2011 Honorary Degree, Doctor of Medicine, Santander University, Bucaramanga, Columbia
- 2011 Honorary Degree, Doctor of Humane Letters, University of Southern California, Los Angeles, USA
- 2011 Honorary Degree, Doctor of Sciences, Hebrew University, Jerusalem, Israel
- 2011 Honorary Degree, Docteur Honoris Causa de l'Université de

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| | Franche-Comté, Besancon, France |
| 2011 | Honorary Professor, Zhejiang University, Hangzhou, China |
| 2011 | Honorary Degree, Doctor of Medicine, Universidad Austral de Chile |
| 2011 | Honorary Degree, Doctor of Medicine, University of Ljubljana, Slovenia |
| 2012 | Honorary Degree, Doctor Honoris Causa in the field of Medicine and Biomedical Sciences, University of Antwerp, Belgium |
| 2012 | Honorary Degree, Doctor Honoris Causa in Experimental and Molecular Oncology of the University of Pisa, Italy |
| 2012 | Honorary Degree, Doctor Honoris Causa of Science of Mount Sinai School of Medicine, New York, USA |

Honorary Memberships:

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| 1982 | South African Society for Dermatology |
| 1989 | Polish Society for Dermatology |
| 1989 | Japanese Cancer Society |
| 1991 | Scientific Medical Society of Virology, Sofia, Bulgaria |
| 1993 | Czechoslovak Society for Microbiology |
| 1993 | Hungarian Cancer Society |
| 2001 | Italian Society of Virology |
| 2003 | Deutsche Gesellschaft für Virologie |
| 2005 | Deutsche Dermatologische Gesellschaft |
| 2008 | Fellow of the World Academy of Arts and Sciences |
| 2008 | Honorary Member European Academy of Science and Arts |
| 2009 | Hungarian Society for Microbiology |
| 2009 | Honorary President of the Hellenic Society for Cytology, Athens, Greece |
| 2010 | American Association for Cancer Research |
| 2010 | Berlin Society for Obstetrics and Gynecology, Berlin, |

Germany

- 2010 International Association for Dental Research, Barcelona, Spain
- 2010 Honorary FASM, Australian Society for Microbiology, Sidney, Australia
- 2010 Ecuadorial Society of Pathology on the Genital Tract and Colposcopy, Quevedo, Ecuador
- 2010 Honorary Citizen, Quesedo, Ecuador
- 2011 Ludwig-Heilmeyer-Gesellschaft (Ludwig-Heilmeyer Society for Progress in Internal Medicine), Cologne, Germany
- 2011 Honorary Membership, Academy of Medicine, Mexico
- 2011 Honorary Membership, Hungarian Academy of Sciences, Budapest, Hungary

Elected Memberships:

- 1976 European Molecular Biology Organization (EMBO)
- 1986 Heidelberg Academy of Science
- 1986 German Academy of Natural Sciences LEOPOLDINA, Halle, Germany
- 1989 Human Genome Organisation (HUGO)
- 1991 Polish Academy of Science (Foreign Member)
- 1993 National Academy of Medicine, Venezuela
- 1998 American Philosophical Society
- 2002 Institute of Medicine, National Academy of Sciences (USA)
- 2003 Academy of Cancer Immunology, New York
- 2006 La Sociedad Peruana de Cancerologia, Lima, Peru (Corresponding Member)
- 2009 National Academy of Sciences, USA (Foreign Member)
- 2010 Foreign Member Societas Scientarum Fennica (Finnish Society of Science), Helsinki

Visiting Professorships:

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| 1974 | Visiting Professor at the University of Belo Horizonte, Brasilia |
| 1976 | Visiting Professor am Queensland Institute of Medical Research, Brisbane, Australia |
| 1981 | Visiting Professor of the Microbiological Society of Western Australia, Perth, Australia |
| 1985 | General Motors Visiting Professor, McArdle University, Madison, Wisconsin, USA |
| 1988 | General Motors Visiting Professor, F. Hutchinson Cancer Center and University of Seattle, Seattle, USA |
| 1998 | Link Visiting Professorship, Institute of Cancer Research, London, U.K. |
| 2002 | John H. Blaffer Visiting Professor, M.D. Anderson, Houston, Texas |
| 2002 | Isaac Berenblum Memorial Lecture, Rehovot, Israel |
| Between 1980 and 2007 | A larger number of keynote lectures at international meetings. |

Editorial Board Member:

International Journal of Cancer
(Editor-in-Chief) until 31.12.2009

Cancer Prevention Research

Cell Cycle

Cancer Immunology

Journal of Human Virology

Journal of Environmental Science and Health

Acta Oncologica

Nowotwory, Journal of Oncology

Archive of Oncology

Antiviral Research

International Journal of Oncology

Journal of the Balkan Union of Oncology B.U.ON.

Memberships:

American Association for Cancer Research

American Association for the Advancement of Science (AAAS)

American Society for Microbiology

Deutsche Gesellschaft für Virologie

Deutsche Krebsgesellschaft

Deutsche Gesellschaft für Hygiene und Mikrobiologie

Deutsche Gesellschaft für Naturforscher und Ärzte

European Cancer Society

Gesellschaft für Biologische Chemie

Robert-Koch Gesellschaft

Hochschulverband

Organization or Co-Organization of International Meetings:

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| 1974 | Erlangen-Nürnberg, <i>Oncogenesis and Herpesviruses II</i> , in Zusammenarbeit mit G. de Thé und M.A. Epstein |
| 1979 | Cold Spring Harbor, USA, <i>Viruses in Naturally Occurring Human Cancers</i> , mit M. Essex und G. Todaro |
| 1985 | Banbury Conference <i>Viral Etiology of Cervical Cancer</i> , Cold Spring Harbor, USA, mit R. Peto |
| 1986 | Park City, Utah, USA, <i>Viruses and Human Cancers</i> , UCLA Symposia on Molecular and Cellular Biology, mit R. Gallo, W. Haseltine und G. Klein |
| 1986 | Heidelberg, The Role of DNA Amplification in Carcinogenesis, General Motors Cancer Research Foundation Conference, mit J. Schlehofer |
| 1989 | San Diego, USA, <i>Viruses in Human Tumors</i> , American Association for Cancer Research, mit G. Miller und W. Summers |

- 1990 Heidelberg, *Internationaler Workshop über Papillomviren*, mit Lutz Gissmann
- 1992 Heidelberg, *Viruses in Human Cancers*, Einweihung des neuen Gebäudes für Angewandte Tumorstudiologie, mit Lutz Gissmann
- 1995 Heidelberg, *Oncogenic Viruses and Cell Cycle Control*, mit P. Jansen-Dürr
- 2000 Heidelberg, *Viruses in the Etiology of Human Cancers*, mit P. Howley, Boston
- 2002 Heidelberg, *Infections and Human Cancers – Parasites, Bacteria, and Novel Viral Agents*, 2nd Heinrich F.C. Behr Symposium, Organisation Peter Howley, Ethel-Michele de Villiers, Harald zur Hausen
- 2004 Heidelberg, *Microbes in Malignancies*, 3rd Heinrich F.C. Behr Symposium and 1st Annual LEOPOLDINA Conference, Organisation Peter Howley, Volker ter Meulen, Harald zur Hausen