

## CURRICULUM VITAE

Name: Harald zur Hausen

Date of Birth March 11, 1936

Place of Birth Gelsenkirchen, Germany

Marital State Married with 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 for 2 1/2 years (interrupted due to World War II)

1946 - 1950 Gymnasium (High School), Gelsenkirchen-Buer

1950 - 1955 Gymnasium, Vechta

1955 - 1960 Medical student at the Universities of Bonn (1955 - 1957), Hamburg (1957-1958), and Düsseldorf (1958-1960)

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

### Professional Training and Academic Positions :

1960 - 1962 Internships in Wimbern, Isny, Gelsenkirchen and Düsseldorf

1962 Approbation

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

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

1968 Appointment as Assistant Professor at the University of Pennsylvania, Philadelphia

1969 - 1972 Senior Scientist, Institut für Virologie, University of Würzburg, Germany

1969 Privat-Dozent für Virologie, University of Würzburg

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

1977 - 1983	Chairman and Professor, Institut für Virologie, Zentrum für Hygiene, University of Freiburg
1983 – 2003	Chairman of the Management Board and Scientific Director of the Deutsches Krebsforschungszentrum (German Cancer Research Center), Heidelberg
Since May 2003	Professor emeritus

### **Special Appointments**

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
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
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 Kuratorium (Advisory Board) of the Jung-Stiftung, Hamburg
1985 - 1998	Chairman of the Advisory Council and Vice Chairman of the Board of the Robert-Koch-Stiftung, Bonn
1986 - 1994	Member of the Council of the International Union against Cancer (UICC)
1987 - 1989	Chairman of the Kuratorium (Advisory Board) of the Dahlem Konferenzen, Berlin
1988	Appointment as "Honorar-Professor" at the University of Heidelberg
1989 - 1991	Chairman of the Association of National Research Centers (Arbeitsgemeinschaft der Großforschungseinrichtungen), Bonn
1990 - 1993	Vice Chairman and President-Elect of the Organization of European Cancer Institutes (OECI)
1990 - 1995	Member of the Executive Board of the Swiss Cancer Institute, Epalinges-Lausanne
1990 - 1992	Member, BMFT-Kommission "Grundlagenforschung" (Commission for Basic Research of the Ministry of Science and Technology)

1990-1996	Member, BMFT-Kommission "Gesundheitsforschungsrat" (Health Research Council) of the Ministry of Science and Technology
1991 - 1995	Member of the Scientific Advisory Board (Wissenschaftl. Beirat) of the Biomedical Research Center (Biomedizin. Forschungszentrum - BMFZ) of the Heinrich-Heine Universität Düsseldorf
1991 - 1993	Vice-President of the Academia Europaea
1993 - 1996	President of the Organization of European Cancer Institutes (OECI)
1988-1990	Chairman of the von Leyden Prize-Committee, Heidelberg
1994-1996	Chairman of the Salzer-Prize-Committee, Heidelberg
1994 - 1996	Member of the European Board of Directors of the Human Genome Organization (HUGO)
1994 - 1998	Member of the Scientific Advisory Board of the Imperial Cancer Research Center (ICRF) in London, U.K.
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 of Erlangen-Nürnberg
1999 - 2000	Vice-Chairman of the German American Academic Council
1999-2009	Member of the Governing Council of the International Network for Cancer Treatment and Research, Brussels
2001 - 2003	Vice-President of the Helmholtz Society of German National Research Centers
2003-2009	Vice-President of the LEOPOLDINA, German Academy of Natural Sciences and Medicine
2003 - 2005	Member, "Gesundheitsforschungsrat" (Health Research Council) of the German Ministry of Science and Technology
2003 - 2006	Member of the "Stiftungsrat" (University Advisory Council University of Göttingen, Germany)
2005-2009	Member of the International Scientific Advisory Committee of the French National Cancer Institute, Paris

2006-2009	Member of the Board of Directors, International Union against Cancer, Geneva, Switzerland
Since 2007	Member of the International Advisory Committee of the National Science and Technology Development Agency (NSTDA), Bangkok, Thailand
2007-2009	Member Scientific Advisory Board Wiener Wissenschafts-, Forschungs- und Technologiefonds (WWTF), Vienna, Austria
Since 2010	Vicepresident European Academy of Cancer

### **Awards :**

1971	Walter Richtzenhein-Prize, University of Heidelberg
1974	Wilhelm-Warner Prize, University of Hamburg
1975	Robert-Koch Prize and Medal, Robert-Koch-Stiftung, Bonn
1982	Schaudinn-Hoffmann Plakette, German Dermatological Society, Vienna
1985	Lila Gruber Award for Cancer Research, American Academy of Dermatology, Las Vegas, USA
1986	Charles S. Mott Prize, General Motors Cancer Research Foundation, Washington, D.C., USA
1986	Deutscher Krebspreis (German Cancer Award), German Cancer Association, Munich
1992	Sebatia Ter Prize, Naples, Italy
1993	Federation of the European Cancer Societies, Clinical Research Award, Jerusalem, Israel
1993	Martinus-Willem Beijerinck Medal, Nederlands Academy of Sciences, Amsterdam, The Netherlands
1994	Emil-von Behring Prize and Lecture, University of Marburg
1994	Paul-Ehrlich - Ludwig Darmstätter Prize, Frankfurt
1996	Ernst-Jung-Prize, Hamburg
1999	Charles Rodolphe Brupacher Prize for Cancer, Zürich, Switzerland

- 2000 Virchow-Medal of the Medical Faculty, University of Würzburg
- 2001 Arthur Burkhardt-Prize, Stuttgart
- 2001 Thomas Parram Price of the American Society of Sexually Transmitted Diseases
- 2002 San Marino Prize for Medicine
- 2002 Honorary Senator, University of Erlangen-Nürnberg
- 2002 Gregor-Mendel Medal, University of Prague
- 2004 “Großes Bundesverdienstkreuz” (Order of Merit), Berlin
- 2005 Prize of the Panamerican Society for Clinical Virology, Clearwater, USA
- 2006 Prince Mahidol Award, Bangkok, Thailand
- 2006 Raymond Bourguine Award, Paris
- 2006 Order of Merit of the State of Baden-Württemberg
- 2006 William B Coley Award for Distinguished Research in Basic Immunology, Cancer Research Institute, New York
- 2007 Johann-Georg Zimmermann Medal for Distinguished Research in Cancer Prevention, Hannover, Germany
- 2007 Loeffler-Frosch Medal, German Virological Society, Nürnberg
- 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
- 2008 UICC Outstanding Volunteer Award for Excellence in Cancer Control. Geneva, Switzerland.
- 2008 Warren Alpert Foundation Prize, Harvard Medical School Boston, USA.
- 2008 Stuart Mudd Award, International Union of Microbiological Societies, Istanbul, Turkey
- 2008 Gairdner Foundation International Award, Toronto, Canada.

2008	Nobel-Prize for Physiology or Medicine, Stockholm, Sweden
2008	Prix de la Princess Lalla Salma, Rabat, Maroc
2009	Primio ACCUDES AWARD, Junta Directiva de la Asociación contra el Cancer de Útero de España, Madrid, Spain.
2009	Innovation award, “ <i>Berufsverband Deutscher Frauenärzte</i> ”, Düsseldorf.
2009	“ <i>Grosses Bundesverdienstkreuz mit Stern</i> ” (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
September 2010	“Hall of Fame of German Research”, Manager Magazin, Berlin, Germany
October 2010	The Economist’s Innovation Award, The Economist, London, UK.
2011	“Bayerischer Maximiliansorden” (Bavarian Order of Merit for Sciences and the Arts) Munich

**Honorary Degrees:**

1984	Honorary Degree of Doctor of Sciences, University of Chicago, USA
1991	Honorary Degree of 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, England
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 postponed to next visit to Australia)
2009	Honorary degree, Doctor of Science, University of Buenos Aires, Argentine
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

**Honorary Memberships :**

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 Sciences and Arts

2009	Hungarian Society for Microbiology
2009	Honorary President of the Hellenic Society for Cytology, Athen.
2010	American Association for Cancer Research
March 2010	Berlin Society for Obstetrics and Gynecology, Berlin, Germany
July 2010	International Association for Dental Research, Barcelona, Spain
July 2010	Honorary FASM, Australian Society for Microbiology, Sidney, Australia
September 2010	Ecuadorial Society of Pathology of the Genital Tract and Colposcopy. Quevedo, Ecuador
September 2010	Honorary Citizen, Quesedo, Ecuador
January 2011	Ludwig-Heilmeyer-Gesellschaft (Ludwig-Heilmeyer Society for Progress in Internal Medicine), cologne

**Elected Memberships :**

1976	European Molecular Biology Organization
1986	Heidelberg Academy of Sciences
1986	German Academy of Natural Sciences LEOPOLDINA, Halle
1989	Human Genome Organization (HUGO)
1991	Polish Academy of Sciences (Foreign Member)
1993	Venezuelan National Academy of Medicine
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 Scientiarum Fennica (Finnish Society for Science), Helsinki.

### **Visiting Professorships :**

1974	Visiting Professor at the University of Belo Horizonte, Brazil
1976	Visiting Professor at the 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
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 from January 2000 until Dec. 2009)

Cancer Prevention Research

Cell Cycle

Cancer Immunity

Journal of Human Virology

Journal of Environmental Science and Health

Acta Oncologica

Nowotwory, Journal of Oncology

Archive 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 :**

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

- 1990 Heidelberg, *International Workshop on Papillomaviruses*, jointly with Lutz Gissmann
- 1992 Heidelberg, *Viruses in Human Cancers*, Inauguration of the new building for Applied Tumorvirology, jointly with Lutz Gissmann
- 1995 Heidelberg, *Oncogenic Viruses and Cell Cycle Control*, jointly with P. Jansen-Dürr
- 1996 Heidelberg, *HUGO's Human Genome Meeting 96*, jointly with HUGO Europe
- 2000 Heidelberg, *Viruses in the Etiology of Human Cancers*, First Heinrich F.C. Behr Symposium, jointly with Peter Howley
- 2002 Heidelberg, *Infections and Human Cancers – Parasites, Bacteria, and Novel Viral Agents*, 2<sup>nd</sup> Heinrich F.C. Behr Symposium, Organisation Peter Howley, Ethel-Michele de Villiers, Harald zur Hausen
- 2004 Heidelberg, *Microbes and Malignancy*, 3rd Heinrich F.C. Behr Symposium and 1<sup>st</sup> Annual LEOPOLDINAConference, Organization Peter Howley, Volker ter Meulen, and Harald zur Hausen.