

CURRICULUM VITAE

Name: Peter Gruss
Date & Place of Birth: June 28th 1949 in Alsfeld, Germany
Nationality: German
Marital Status: married, two children

Education:

1977 Doctorate, University of Heidelberg
1974-1977 Doctoral thesis *SV40 DNA in the lytic cycle*,
Institute of Virus Research, German Cancer Research Center,
Heidelberg
1973-1974 Diploma thesis *Chemical composition of peptidoglycan-(lipo)
protein complexes in the cell wall of proteus mirabilis and their
unstable L forms*,
Institute of Microbiology, Darmstadt
1968-1974 Study of biology, Technical University Darmstadt
1968 University entrance qualification (Abitur)

Professional Record:

2017- CEO, OIST School Corporation & President, OIST Graduate University
(-present)
2002-2014 President of the Max Planck Society
1997-1998 Managing Director of the Max Planck Institute
for Biophysical Chemistry, Göttingen
since 1990 Honorary Professor, University of Göttingen
1986-2014 Director (Department of Molecular Cell Biology), Max Planck
Institute for Biophysical Chemistry, Göttingen
1983-1986 Member of the Directorate of the Center for Molecular
Biology, University of Heidelberg (ZMBH)
1982-1986 Associate Professor of Microbiology, University of Heidelberg
1978-1982 Laboratory of Molecular Virology, National Cancer Institute,
NIH, Bethesda, Maryland, USA
1981-1982 Visiting Scientist, NIH
1980-1981 Expert Consultant, NIH
1978-1980 Postdoctoral Fellow, NIH
1977-1978 Postdoctoral Assistant at the Institute of Virus Research,
German Cancer Research Center, Heidelberg

Selected Awards and Stipends:

2017	Harnack Medal of the Max Planck Society
2012	Bavarian Maximilian Order for Science and Art
2012	Ellis Island Medal of Honor
2009	Order of Merit of the Federal Republic of Germany - Cross of Merit, First class
2007	National Award for International Science and Technology of the People's Republic of China
2004	State Prize of Lower Saxony
2003	Virchow-Lecture and Award, Würzburg
2003	George Khoury Lecture, Bethesda
2002	Berthold Medal and Lecture of the German Society of Endocrinology, Göttingen
1999	German Future Prize 1999 -The German President's Prize for Technology and Innovation
1999	Stifterverband Science Prize 1999 (by the Donors' association for the Promotion of Humanities and Science)
1995	The Louis-Jeantet-Prize for Medicine, Geneva
1995	Carus Medal of the Leopoldina and Carus Award of the City of Schweinfurt
1994	Jenkinson Memorial Lecture, Oxford
1994	Leibniz Prize awarded by the German Research Foundation (DFG)
1992	Medal of the Collège de France, Paris
1992	Jean Brachet Memorial Lecture - Award of the International Society of Differentiation
1992	Butenandt-Lecture of the Society of Biological Chemistry
1992	NIH-Scholar-in-Residence Award
1992	Feldberg Lecture Award
1983	Robert Koch Career Development Award of Clausthal-Zellerfeld
1983	Lectureship stipend granted by the Fonds der Chemie
1981	Heisenberg stipend awarded
1978	Postdoctoral fellowship awarded by the German Research Foundation (DFG)

Selected Memberships and Professional Activities:

Member of the Max Planck Society (emeritus)
Member of the American Academy of Arts and Sciences
Member of the German Academy of Natural Scientists "Leopoldina" (since 1995)
Member of the Academia Europaea (European Academy of Sciences)
Member of the New York Academy of Sciences
Member of the Bavarian Academy of Sciences and Humanities, Munich
Member of the Academy of Sciences, Göttingen
Foreign Member of the Polish Academy of Sciences, Warsaw

Member of the European Molecular Biology Organization (EMBO)
Member of the EMBO Fund Committee (1988-1992)
President of the EMBL Council (2000-2002), Delegate (1992-2000)

Member of the "Innovation Dialogue" of the Federal Chancellery by Angela Merkel (2006-2014)
Member of the Alliance of Scientific Organizations in Germany (2002-2014)
Member of the Senate of the German Research Foundation, Bonn (2002-2014)
Member of the Senate of acatech, the Council for Technical Sciences of the Union of German Academies of Sciences and Humanities (2002-2014)
Member of the Board of Trustees of acatech (since 2015)
Member of the Senate of Fraunhofer-Gesellschaft, Munich (2002-2014)
Member of the Senate of the Austrian Academy of Sciences (until 2014)
Member of the German Research Foundation Senate Committee for Animal Experimental Research (1992-1996)
Panel Member of the European Union "Human Capital and Mobility" Program (1992-1994)
Panel Member of the Human Frontier Science Program (1990-1992)
German Representative of the Council of Scientists of the Human Frontier Science Program (1995-1999)

Member of the Board of Trustees of the Technical University of Darmstadt (2005-2009)
Member of the Board of Trustees of the Ludwig-Maximilians-University Munich (2007-2011)

Member of the Human Genome Organization (HUGO)
Member of the German Society of Developmental Biology
Vice President of the Society for Developmental Biology, Germany (1994-1996)
Vice President of the European Developmental Biology Organization (EDBO)
President of the International Society of Developmental Biology (1993-1997)
Member of the Board of Directors of the International Society of Differentiation
Honorary Member of the World Innovation Foundation (WIF)
Honorary Board Member of the World Knowledge Dialogue

Member of the Biomedical Research Advisory Council of A*Star, Singapore (2004-2010)
Member of the Scientific Advisory Board of the Max-Planck-Institute for Biochemistry, Munich (1994-1997)
Member of the Scientific Advisory Board of the Max-Planck Institute for Immunology, Freiburg (1992-1997)
Member of the Scientific Advisory Board of the Max-Planck-Institute for Psychiatry, Munich (1998-2002)

Member of the Scientific Advisory Board of the Wellcome/CRC Institute, Cambridge (2000)
Member of the Scientific Advisory Board of the King's College (Guy's Hospital), London

Member of the Board of Trustees of the German Cancer Research Center, Heidelberg
(1994-1998)

Member of the Scientific Advisory Board of Boehringer Ingelheim Foundation (1990-1994)

Member of the Scientific Advisory Board of the Centro de Investigaciones Biológicas, Madrid

Member of the Scientific Advisory Board of the Developmental Biology Research Group
at Randall Institute, London (1995-1998)

Member of the Scientific Advisory Board of the Research Institute for Molecular Pharmacology,
Berlin (1997-2000)

Chairman of the Trustee Committee of the Körber European Science Award (2002-2014)

Member of the Trustee Committee of the German Future Prize (until 2014)

Member of the Academic Advisory Council of the Private Excellence Initiative Johanna Quandt
(Stiftung Charité) (2013-2016)

Chairman of the Siemens' Technology and Innovation Council (since 2015)

Member of the Advisory Council of Deloitte & Touche GmbH (2009-2016)

Director of The Francis Crick Institute Limited (2015-2017)

Member of the Scientific and Academic Advisory Committee and Member of the International
Board of the Weizmann Institute of Science (since 2017)

Publishing and Editorial Activities

Member of the Board of Directors of eLife Sciences Publications (2012-2014)

Managing Editor of Mechanisms of Development (1990-2001)

Associate Editor of Cell (1990-1999)

Board Member of the Reviewing Editors of Science (1995-2000)

Editorial Advisory Board of Trends in Genetics (1992-1996)

Member of the Editorial Advisory Board of Development (1996-1998)

Supervisory Board Memberships:

Member of the Supervisory Board of Siemens AG (2008-2015)

Member of the Supervisory Board of the Munich Re Group (2009)

Member of the Joint Advisory Council of the Allianz Companies, Munich (2004-2009)

Member of the Board of Directors of Actelion (2011-2017)

Member of the Supervisory Board of DeveloGen AG (1997-2008)

Selected International Meetings Organized/Coorganized

- 2008 Ringberg-Forum 2008 "Wissen aus erster Hand"
- 2006 "Perspectives of Research - Identification and Implementation of Research Topics by Organizations", Ringberg Castle, Rottach-Egern
- 2001 Wright Science Colloquium on "Cancer, AIDS, Alzheimer's Disease - Research and possible cures", Göttingen
- 2000 HFSP Meeting, Göttingen
- 2000 Colloquium on "Molecular analysis of brain development and function", Fondation des Treilles, France
- 1999 Wright Science Colloquium on "Genes and the Unfolding of Life", Göttingen
- 1998 Colloquium on "Molecular genetic analysis of vertebrate nervous system development", Fondation des Treilles, France
- 1997 ISDB/SDB Congress in Snowbird, Utah
- 1996 Jacques Monod Conference, La Londe-Les-Maures, France
- 1995 ESF Workshop: Genetic Control of Vertebrate Development, Kolymbari, Crete
- 1995 EMBO Practical Course on Mouse and Chicken Development
- 1994 2nd ESF Conference on Developmental Biology, Kartause Ittingen, Switzerland
- 1991 HFSP Workshop: Genetic Control of Vertebrate Development, Les Diablerets, Switzerland
- 1991 EMBO Practical Course on Molecular Approaches to Mouse Development, Göttingen
- 1989 EMBO Workshop: The Homeobox in Development and Evolution, Gwatt, Switzerland
- 1989 Mouse Molecular Genetics Symposium, EMBL, Heidelberg
- 1989 FEBS Winter School: Developmental Biology, Salzburg, Austria
- 1987 The seventh annual congress for recombinant DNA research, San Francisco, USA
- 1986 "Control of gene expression in stem cell differentiation and mouse development", EMBO Workshop, Heidelberg
- 1986 The sixth annual congress for recombinant DNA research, Baltimore, USA
- 1984 "Molecular approaches to stem cell differentiation and mouse development", EMBO Workshop, Heidelberg
- 1983 "Expression of cloned genes in pro- and eucaryotic systems", Heidelberg
- 1988 - 2000 The Annual Ringberg Workshop on Gene Regulation and Development, Ringberg Castle, Rottach-Egern
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The Top-10 most-cited papers

Walther, C., P. Gruss: *Pax-6*, a murine paired box gene, is expressed in the developing CNS. *Development* 113 (4): 1435 – 1449, 1991.

Times Cited: 908 (from Web of Science)

Kessel, M., P. Gruss: Homeotic transformations of murine vertebrae and concomitant alteration of *Hox* codes induced by retinoic acid. *Cell* 67 (1): 89-104, 1991.

Times Cited: 775 (from Web of Science)

Weiher, H., M. König, P. Gruss: Multiple point mutations affecting the simian virus 40 enhancer. *Science* 219 (4585): 626 – 631, 1983.

Times Cited: 771 (from Web of Science)

Eliyahu, D., A. Raz, P. Gruss, D. Givol, M. Oren: Participation of p53 cellular tumour antigen in transformation of normal embryonic cells. *Nature* 312 (5995): 646 – 649, 1984.

Times Cited: 706 (from Web of Science)

Seale, P., L. A. Sabourin, A. Girgis-Gabardo, A. Mansouri, P. Gruss, M. A. Rudnicki: Pax7 is required for the specification of myogenic satellite cells. *Cell* 102 (6): 777 – 786, 2000.

Times Cited: 688 (from Web of Science)

Goulding, M. D., G. Chalepakis, U. Deutsch, J. R. Erselius, P. Gruss: Pax-3, a novel murine DNA binding protein expressed during early neurogenesis. *EMBO J.* 10 (5): 1135 – 1147, 1991.

Times Cited: 674 (from Web of Science)

Cecconi, F., G. Alvarez-Bolado, B. I. Meyer, K. A. Roth, P. Gruss: Apaf1 (CED-4 homolog) regulates programmed cell death in mammalian development. *Cell* 94 (6): 727 – 737, 1998.

Times Cited: 643 (from Web of Science)

Khoury, G., P. Gruss: Enhancer elements. *Cell* 33 (2): 313 – 314, 1983.

Times Cited: 575 (from Web of Science)

Laimins, L. A., G. Khoury, C. Gorman, B. Howard, P. Gruss: Host-specific activation of transcription by tandem repeats from simian virus 40 and Moloney murine sarcoma virus. *Proc. Natl. Acad. Sci. USA* 79 (21): 6453 – 6457, 1982.

Times Cited: 554 (from Web of Science)

Furth, P. A., L. St-Onge, H. Böger, P. Gruss, M. Gossen, A. Kistner, H. Bujard, L. Hennighausen: Temporal control of gene expression in transgenic mice by a tetracycline responsive promoter. *Proc. Natl. Acad. Sci. USA* 91 (20): 9302 – 9306, 1994.

Times Cited: 551 (from Web of Science)

Date of search: 05-02-2013

Science Policy Contributions

Gruss, P.: Human ES cells in Europe. *Science* 301: 1017, 2003.

Gruss, P.: Open access to science and culture. *Science* 303 (5656): 311 – 312, 2004.

Gruss, P.: German societies want to keep an international voice. *Nature* 444 (7118): 422, 2006.

Gruss, P.: Driven by Basic Research. *Science* 336: 392, 2012

Books

Gruss, P.: Die Zukunft des Alterns. C.H. Beck Verlag, 2007.

Gruss, P., F. Schüth: Die Zukunft der Energie. C.H. Beck Verlag 2008.

Bonhoeffer, T., P. Gruss: Zukunft Gehirn. C.H. Beck Verlag 2011.