

CURRICULUM VITAE

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

Contact Details:
Max Planck-Society
Hofgartenstr. 8
80539 Munich, Germany
Tel +(11)49-89-2108-1212
Fax +(11)49-89-2108-1112
peter.gruss@gv.mpg.de

Education:
1977 Doctorate, magna cum laude, 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 diploma

Professional Record:
Since 2002 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
Since 1986 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 Stipends and Awards:

- 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
- 2003 Member of the American Academy of Arts and Sciences
- 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)
- 1996 Election to Full Member of the Academy of Sciences in Göttingen
- 1995 The Louis-Jeantet-Prize for Medicine, Geneva
- 1995 Carus Medal of the German Academy of Natural Scientists Leopoldina, Halle
- 1995 Carus Award of the City of Schweinfurt for Members of the Leopoldina
- 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

Selected Memberships and Professional Activities:

- Member of the Max Planck Society
- Member of the Academy of Sciences, Göttingen
- Member of the Bavarian Academy of Sciences and Humanities, Munich
- Member of the German Academy of Natural Scientists "Leopoldina" (since 1995)
- Member of the Academia Europaea (European Academy of Sciences)
- Member of the American Academy of Arts and Sciences
- Member of the New York Academy of Sciences
- 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 Senate of acatech, the Council for Technical Sciences of the Union of German Academies of Sciences and Humanities
- Member of the Senate of the German Research Foundation, Bonn (2002-)

Member of the Senate of Fraunhofer-Gesellschaft, München (2002-)
Member of the Senate of the Austrian Academy of Sciences
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 University Board of the Technical University of Darmstadt
Member of the University Board of the Ludwig-Maximilians-University Munich

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-)
Member of the Supervisory Board of Siemens AG (2008 – 2012)
Member of the Supervisory Board of the Munich Re Group (2009 – 2014)
Member of the Joint Advisory Council of the Allianz Companies, Munich (2004 - 2009)
Member of the Supervisory Board of DeveloGen AG (1997 – 2008)

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-)
Member of the Trustee Committee of the German Future Prize
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)

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
until 2000 The Annual Ringberg Workshop on Gene Regulation and Development, Ringberg Castle, Rottach-Egern

Selected Papers:

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

Collombat, P., J. Hecksher-Sorensen, V. Broccoli, J. Krull, I. Ponte, T. Mundiger, J. Smith P. Gruss, P. Serup, A. Mansouri: The simultaneous loss of Arx and Pax4 genes promotes a somatostatin-producing cell fate specification at the expense of the alpha- and beta-cell lineages in the mouse endocrine pancreas. *Development* 132 (13): 2969-2980, 2005.

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

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

Marquardt, T., R. Ashery-Padan, N. Andrejewski, R. Scardigli, F. Guillemot, P. Gruss: Pax6 is required for the Multi-Potent State of Retinal Progenitor Cells. *Cell* 105 (1): 43 – 55, 2001.

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.

Sosa-Pineda, B., K. Chowdhury, M. Torres, G. Oliver, P. Gruss: The Pax4 gene is essential for differentiation of insulin-producing β in the mammalian pancreas. *Nature* 386 (6623): 399 – 402, 1997.

St-Onge, L., B. Sosa-Pineda, K. Chowdhury, A. Mansouri, P. Gruss: Pax6 is required for differentiation of glucagon-producing α -cells in mouse pancreas. *Nature* 387 (6631): 406 – 409, 1997.

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.

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

Schöler, H. R., T. Ciesiolka, P. Gruss: A nexus between Oct-4 and E1A: implications for gene regulation in embryonic stem cells. *Cell* 66 (2): 291 – 304, 1991.

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

Gruss, P., R. Dhar, G. Khoury: Simian virus 40 tandem repeated sequences as an element of the early promoter. *Proc. Natl. Acad. Sci. USA* 78 (2): 943 – 947, 1981.