

CURRICULUM VITAE

Name: **Jens Claus Brüning, Professor, M.D.**

Date and place of birth: June 4th, 1966, Cologne, Germany

Address: Max Planck Institute for Metabolism Research
Gleueler Str. 50
50931 Cologne, Germany

Phone: +49-(0) 221 4726 202

Fax: +49-(0) 221 4726 203

E-mail: bruening@sf.mpg.de

Policlinic for Endocrinology, Diabetes and Preventive Medicine
University Hospital Cologne

Kerpener Str. 62
50937 Cologne, Germany

Phone: +49 (0) 221 478-4070

Fax: +49 (0) 221 478-4179

E-mail: jens.brueening@uk-koeln.de

UNIVERSITY EDUCATION

1993 Medical doctoral degree, University of Cologne, Germany

1985-1992 Medical School, University of Cologne, Germany

ACADEMIC APPOINTMENT AND RESEARCH EXPERIENCE

8/2018-12/2018 Visiting Miller Professor, University of California/Berkeley, Department of Molecular and Cell Biology, CA, USA

5/2014-present Tenured Professor at the Medical Faculty, University of Cologne

3/2013-present Visiting Professor, Department of Comparative Medicine, Yale University, New Haven, USA

2/2011-present Director of the Max Planck Institute for Metabolism Research, Cologne, Germany (former Max Planck Institute for Neurological Research)

2/2011-present Director of the Policlinic for Endocrinology, Diabetes and Preventive Medicine (PEDP) at the University Hospital of Cologne, Germany

1/2009-12/2011 Max-Planck Fellow of the Max Planck Institute for the Biology of Ageing, Cologne, Germany

11/2007-1/2019 Founding Director and Coordinator of the Cologne Excellence Cluster "Cellular stress responses in aging-associated diseases (CECAD)", University of Cologne, Germany

10/2006-9/2008 Acting Director of the Institute for Genetics, University of Cologne, Germany

4/2003 - 5/2014 Tenured professor at the Institute for Genetics, University of Cologne, Germany; Head of Department of Mouse Genetics and Metabolism

2001-2003	Attending physician, 2 nd Department for Internal Medicine, University of Cologne, Germany
2002	“Venia legendi” for Internal Medicine, University of Cologne, Germany
2001	Board Exam in Internal Medicine
2001	Board Exam in Endocrinology
7/1997-2001	Resident in Internal Medicine, University Hospital Cologne, Germany, and establishment of research group at the University of Cologne, Germany
2/1996-6/1997	Mary K - Iacocca Fellow at the Joslin Diabetes Center, Boston, USA
1994-1997	Post-doctoral Fellow, Joslin Diabetes Center, Harvard Medical School, Boston, MA, USA in the laboratory of Professor C. Ronald Kahn
6/1992-1/1994	Resident in Internal Medicine, 2 nd Department for Internal Medicine, University of Cologne, Germany

AWARDS & HONORS

2020	EASD-Novo Nordisk Foundation Diabetes Prize for Excellence of the European Diabetes Association (EASD)
2020	Ernst Schering Prize of the Schering Foundation
2019	Heinrich Wieland Award of the Boehringer Ingelheim Foundation
2018	Carl-Friedrich v. Weizsäcker Award of the Leopoldina, National Academy of Sciences Germany
2018	Paul Langerhans-Medal of the German Diabetes Association (DDG)
2017	Elected Member, Leopoldina, National Academy of Sciences Germany
2017	Hansen Family Award, Bayer Science and Education Foundation
2017	Elected Member, Academy of Sciences and Arts, North Rhine-Westphalia
2016	ERC Advanced Grant
2013	Outstanding Scientific Achievement Award of the American Diabetes Association (ADA)
2011	Elected Member “European Molecular Biology Organization (EMBO)”
2009	Ernst Jung-Award for Medicine of the Ernst Jung-Foundation, Hamburg
2008	Minkowski Prize of the European Association for the Study of Diabetes (EASD)
2007	Gottfried Wilhelm Leibniz-Award of the Deutsche Forschungsgemeinschaft (DFG)
2006	Lesser-Loewe-Award of the Lesser Loewe-Foundation, Mannheim, Germany
2005	Ferdinand Bertram Prize of the German Diabetes Association (DDG)
2005	Wilhelm-Vaillant-Award, Wilhelm-Vaillant-Foundation Munich, Germany
2001	Ernst and Berta Scharer Award, German Society of Endocrinology (DGE)
2000	1. Prize Young Masters, German Society of Internal Medicine (DGIM)
1996	Fellow of Mary K. Iacocca Foundation
1995	Young Investigator Award, American Society of Internal Medicine

COMMITTEE MEMBERSHIPS

- 2019 – present Member of the Board of Trustees of the Ernst Jung-Foundation, Hamburg
- 2018 – 2019 Member of the Selection Committee of the Wolf Prize in Medicine, Israel
- 2018 – present Member of the Scientific Advisory Board of the Helmholtz Zentrum München, Germany
- 2018 – present Member of the Scientific Advisory Board of the Centro de Investigacion Principe Felipe, Valencia, Spain
- 2016 – present Member of the Selection Board ERC Starting Grants, Panel LS4
- 2015 – present Member of the Advisory Council of the Medical Faculty, Jena University Hospital
- 2014 – present Member of the Horizon 2020 Scientific Panel for Health (SPH) at the European Commission, Brussels
- 2014 – present Scientific Advisory Board member Cologne Center for Ethics, Rights, Economics and Social Sciences of Health (CERES), University of Cologne, Germany
- 2014 - present Scientific Advisory Board member Institute for Research on Cancer and Aging (IRCAN), University of Nice, France
- 2014 - present Scientific Advisory Board member of the Biomedicine Research Institute of Buenos Aires (IbioBA-MPSP)
- 2014 - present Secretary of the Board of Trustees, Gertrud-Reemtsma Foundation, Cologne
- 2011 - present Scientific Advisory Board of the Metabolic Research Laboratories University of Cambridge (MRC Institute), UK
- 2010 - 2012 Scientific Advisory Board, IFB „(Integriertes Forschungs- und Behandlungszentrum für Adipositas-Erkrankungen Leipzig“) Advisory Board at the University Hospital Leipzig, Germany
- 2010 - 2012 Reviewing Board for Research Buildings of the *Wissenschaftsrat* (Scientific Advisory Council of the German Federal Government)
- 2009 - 2011 Member of the „Senatsausschuss Wettbewerb (SAW), Section C (Life Sciences) of the Leibniz Society, Germany
- 2006 - 2007 External Advisory Board member of „LIBRA (Learning about Insulin: Bursary for Research and Awareness)“ Novo Nordisk, Denmark

GRADUATE STUDENTS (SELECTION)

Robalo de Azevedo Aleixo Pereira, Mafalda PhD: NPY mediates the rapid feeding and glucose metabolism regulatory functions of AgRP neurons; completed 12/19.

Schumacher, Jonas PhD: Generation and validation of new transgenic mouse lines to investigate the heterogeneity of POMC neurons; completed 05/19.

Saedler, Katarzyna PhD: Role of peripheral tissue FTO in energy homeostasis and in chemically-induced hepatocarcinogenesis; completed 06/15. Current position: BMBF, NKS Lebenswissenschaften, Bonn, Germany

Tsaousidou, Eva PhD: Hypothalamic Inflammation in Obesity, Insulin Resistance and Ageing; completed 04/15. Current position: Postdoctoral fellow, Harvard School of Public Health, Department of Genetics and complex diseases, Boston, USA

Vogt, Merly PhD: Metabolic Programming of Hypothalamic Neurocircuits by Maternal High-Fat Feeding; completed 04/14. Current position: Postdoctoral fellow, Columbia University, New York City, USA

Heß, Martin PhD: The fat mass and obesity-associated protein (Fto) regulates activity of the dopaminergic circuitry; completed 01/2014. Current position: Taconic Biosciences GmbH, Cologne, Germany

Klößener, Tim PhD: Insulin regulates Energy Homeostasis and Hypoglycemia in the Ventromedial Hypothalamus, completed 12/12. Current position: Group Leader, Sanofi-Aventis GmbH, Frankfurt, Germany

Willmes, Diana PhD: The role of Ceramide Synthase 6 (CerS6) in obesity; completed 05/2012. Current position: Postdoctoral fellow, Charité, Berlin, Germany

Kuschewski, Ruth PhD: Gp130 Signaling in POMC neurons is required for CNTF-induced anorexia; completed 05/2011. Current position: Postdoctoral fellow, Medical Faculty, University of Cologne, Germany

Redemann, Nora PhD: The role of FOXO1 and KATP channel signalling in Sim1 expressing neurons for the regulation of energy homeostasis and stress response; completed 2/2010. Current position: Project Manager, University of Cologne, Germany

Belgardt, Bengt PhD: Obesity-linked dysfunction of hypothalamic and pituitary circuits in regulation of energy homeostasis; completed 01/2010. Current position: Independent Research Group Leader and Deputy Director, Institute for Beta Cell Biology, German Institute for Diabetes Germany

Jordan, Sabine PhD: Obesity-induced increase in hepatic expression of microRNA miR-143 impairs glucose homeostasis; completed 10/2009. Current position: Group Leader, Neurocrine Biosciences Inc., USA

Hausen (Könner), Anne Christine PhD: Genetic Microdissection of Insulin Action on Neurocircuits in Control of Glucose and Energy Homeostasis; completed 10/2009. Current position: Group leader Max Planck Institute for Metabolism Research, Cologne, Germany

Chaurasia, Bhagirath PhD: Role of myeloid cells specific PDK-1 in inflammation and obesity induced insulin resistance; completed 5/2009. Current position: Assistant Professor, Utah State University, Salt Lake City, UT, USA

Mauer, Jan PhD: The Impact of Myeloid Cell-restricted Insulin Receptor Deficiency on Obesity-induced Insulin Resistance; completed 2/2009. Current position: Group Leader at BioMed X Innovation Center, Heidelberg, Germany

Mesaros, Andrea PhD: Activation of Stat3 Signaling in AgRP Neurons Promotes Locomotor Activity; completed 4/2008. Current position: Staff scientist, Max Planck Institute for the Biology of Ageing, Cologne, Germany

Koch, Linda PhD: Genetic Analysis of Insulin and Insulin-like Growth Factor-1-Signaling in the Central Nervous System; completed 2/2008. Current position: Chief editor Nat. Rev. Genetics, London, UK

Kleinridders, André PhD: Inactivation of Pleiotropic Regulator 1 reveals p53-dependent Control of Cell Proliferation and apoptosis by the Pso4-complex; completed 7/2007. Current position: Independent Research Group Leader at the German Institute of Human Nutrition Potsdam Rehbrücke, Germany

EDITORIAL BOARD MEMBERSHIP

2014 – present Editorial Board member Cell Metabolism

2014 – present Editorial Board member Trend in Endocrinology and Metabolism

2012 – present Founding editor Molecular Metabolism

AD HOC REVIEWER (FUNDING AGENCIES)

Alexander von Humboldt Foundation, Germany; Boehringer Ingelheim Fonds (BIF), Germany; DAAD (German Academic Exchange Service); Deutsche Forschungsgemeinschaft (DFG), Germany; European Research Council (ERC); Ernst Schering Foundation, Germany; European Research Council (ERC), Belgium; German Cancer Aid (Deutsche Krebshilfe e.V., Mildred Scheel Stiftung), Germany; German Israel Foundation (GIF), Germany; INSERM, France; National Institute of Health (NIH), USA; Wellcome Trust, UK.

AD HOC REVIEWER (JOURNALS) (SELECTION OF >40)

Cell, Cell Metabolism, Cell Stem Cell, Diabetes, EMBO Journal, Endocrinology, Endocrine Reviews, Elife, FASEB Journal, Journal of Clinical Investigation, Journal of Neuroscience, Mol. Cell, Nature, Nat. Cell Biol., Nat. Comm., Nat. Genetics, Nat. Neuroscience, Nature Medicine, Neuron, PNAS, Science

ORGANISATION OF SCIENTIFIC MEETINGS

2020 Symposium "25 years of Molecular Medicine" Center for Molecular Medicine (CMMC), Cologne, Germany

2018 6th Helmholtz Diabetes Conference, Munich, Germany

2016 Cell Symposium on Aging and Metabolism, Melia Sitges, Spain

2016 2nd Cologne Aging Conference, Cologne, Germany

2014 EMBO Conference "Translating Diabetes", Heidelberg, Germany, (co-organisation with M. Tschöp)

2013 Keystone Conference on "Diabetes – New Insights into Mechanisms of Disease and its Treatment", Keystone Resort, Colorado, USA (co-organisation with C. Ronald Kahn, Gerald Shulman)

2012 EMBO Conference on "Diabetes and Obesity", Heidelberg, Germany, (co-organisation with M. Tschöp)

2011 Ernst Klenck Symposium on "Lipid metabolic diseases: novel developments in molecular pathology and therapy, Cologne Germany

2010 61th Mosbacher Kolloquium on "The Biology of Aging: Mechanisms and Intervention", Mosbach, Germany 2010

- 2008 Cologne Spring Meeting of the Institute for Genetics, University of Cologne, Germany on “Mouse Models of Human Diseases”
- 2005 Cologne Spring Meeting of the Institute for Genetics, University of Cologne, Germany on “Signal Transduction and Disease”

MEMBERSHIPS

American Diabetes Association (ADA), German Diabetes Society (DDG), German Society for Endocrinology (DGE), German Society for Internal Medicine (DGIM), European Association for the Study of Diabetes (EASD), The European Molecular Biology Organization (EMBO).

INVITED SPEAKER (2003-2019; SELECTION OF >300)

- 2019 Flagship Lecture, BioTechMed-Graz Faculty Club, TU Graz, Austria
- 2019 3rd IGC Symposium “Crosstalks of Immunity and Metabolism”, Instituto Gulbenkian de Ciência, Oeiras, Portugal
- 2019 Nature Conference “Advances in Metabolic Communication, Rio de Janeiro, Brasil
- 2019 EMBO Workshop “Lipid function in health and disease”, Dresden, Germany
- 2019 55th Annual Meeting of the European Association for the Study of Diabetes, Barcelona, Spain
- 2019 4th EGID Thematic School “Brain & Metabolism”, Bruges, Belgium
- 2019 Saltin International PhD Course, Copenhagen, Denmark
- 2019 2nd International CRC 1052 Symposium, Leipzig University, Germany
- 2019 Keynote Seminar, Biological Faculty, LMU Munich, Germany
- 2019 21st European Congress of Endocrinology, Lyon, France
- 2019 EMBO Meeting “Organ Crosstalk in Energy Balance and Metabolic Disease”, Cadiz, Spain
- 2019 The Endocrine Society’s 101st Annual Meeting & Expo, ENDO 2019, New Orleans, USA
- 2019 International Symposium on New Concepts in Translational Diabetes Research, Schloss Hohenkammer, Germany
- 2019 Seminar, RWTH Aachen, Institute of Biology
- 2019 Seminar, Centre of Inflammation and Metabolism, University of Copenhagen
- 2018 1st International Conference on Engineering Biomedical and Metabolic Breakthroughs, (DZD, Helmholtz), Venice, Italy
- 2018 78th Scientific Sessions of the American Diabetes Association, Orlando, USA
- 2018 8th D-Cure Symposium on Cross Talk and Innovation in Diabetes, Herzliya, Israel
- 2018 Weizmann Institute, Rehovot, Israel
- 2018 Symposium “Brain-Periphery Communications in Metabolic Control”, Des Treilles, France
- 2018 20th International Neuroscience Winter Conference, Sölden, Austria
- 2018 DEUEL Conference of the ASBMB, Coronado, California, USA
- 2018 Stanford Neuroscience Institute, Stanford University, Symposium, Palo Alto, USA
- 2018 Keio-Cologne Symposium on Ageing and Longevity, Germany
- 2018 Keystone Symposia on Organ Crosstalk in Obesity and NAFLD / Bioenergetics and Metabolic Disease, Keystone, Colorado, USA
- 2017 IBioBa Instituto Max Planck Argentina, Workshop, Buenos Aires, Argentina
- 2017 FENS-Kavli Network of Excellence Symposium, Klosterneuburg, Austria
- 2017 Frontiers in Metabolism, Symposium EPFL, Lausanne, Switzerland
- 2017 2nd Molecular Biology of Ageing Meeting, Groningen, The Netherlands
- 2017 Max Planck Institute of Immunobiology and Epigenetics, Freiburg, Germany
- 2017 Neuroscience School of Advanced Studies, Siena, Italia

2017 The Francis Crick Institute, Neuroscience Interest Group Series, London, UK
 2017 Munich Psychiatry Lecture Series, Max Planck Institute of Psychiatry Munich, Germany
 2017 4th Diabetes Research Innovation Symposium, Kyoto, Japan
 2017 XXVI AINI Congress and 16th ESNI Course, Venice, Italy
 2017 Keystone Meeting "Neuronal Control of Appetite, Metabolism and Weight", Copenhagen, Denmark
 2017 CPH BAT 2017 Conference on Translational and Therapeutic Perspectives of Brown Adipose, Copenhagen, Denmark
 2017 Presidential Lecture, International Symposium on Insulin Receptor and Insulin Action, Nice, France
 2017 Goettingen Meeting of the German Neuroscience Society, Goettingen, Germany
 2017 Science meets Music, Max Planck Florida Institute for Neuroscience, Jupiter, USA

 2016 Music & Brain, DZNE, Bonn, Germany
 2016 52nd EASD Annual Meeting, Munich, Germany
 2016 Speaker seminar series, IDIBAPS, Barcelona, Spain
 2016 EMBO Workshop on Neural Control of Metabolism and Eating Behavior, Cascais, Portugal
 2016 Brain Body Interactions Workshop, Champalimaud Centre for the Unknown, Portugal
 2016 6th International Graz Symposium on Lipid and Membrane Biology, Graz, Austria
 2016 Kahn Lectureship, Joslin Diabetes Center, Harvard Medical School, Boston, USA
 2016 Rehbrücker Kolloquium, German Institute of Human Nutrition, Potsdam, Germany

 2015 Keystone Symposium "Diabetes: New Insights into Molecular Mechanisms and Therapeutic Strategies", Kyoto, Japan
 2015 Abcam Conference "Epigenetics, Obesity and Metabolism", Cambridge, UK
 2015 12th Key Symposium "Insulin Resistance in Common Diseases", Harvard Medical School, Boston, USA
 2015 Int. Fellow Symposium "Inflammation & Disease", Garvan Institute, Sydney, Australia
 2015 ADS ADEA Annual scientific Meeting, Adelaide, Australia
 2015 Instituto Gulbenkian de Ciencia, Lisbon, Portugal
 2015 Ageing and Metabolism Symposium, Les Treilles, France
 2015 58th Annual Meeting of the Japan Diabetes Society, Yamaguchi, Japan
 2015 Diabetes Congress 2015, Berlin
 2015 Molecular Physiology guest lecture series at the Vanderbilt School of Medicine, Nashville, USA
 2015 Keystone Meeting "Neural Control of Metabolic Physiology and Diseases", Snowbird, Utah, USA
 2015 Keystone Meeting "Liver Metabolism and Nonalcoholic Fatty Liver Disease", Whistler, Canada
 2015 Winter School 2015, Danish diabetes Academy, Malaga, Spain
 2015 Adler Symposium at Salk Institute for Biological Studies, La Jolla, USA
 2015 DGIM Opinion Leader Meeting, Eltville, Germany

 2014 Diabetes Masters Conference, Tokyo, Japan
 2014 CNIC Conference, Madrid, Spain
 2014 DZD Diabetes Research School, Klosterneuburg, Austria
 2014 DMRC 2014 International Symposium, Daegu, South Korea
 2014 The 2nd Asian International Symposium on Diabetes, Obesity and Metabolism, Seoul, South Korea
 2014 Symposium on the 20th Anniversary of Leptin, Rockefeller University, New York, USA
 2014 Abcam Conference "Metabolism and Immunity: A Rediscovered Frontier", Trinity College Dublin, Ireland
 2014 1st TriRhena Metabolism Meeting, Freiburg, Germany

- 2014 Keynote lecture at 2014 Health Sciences Research Week, University of Iowa on “Diabetes: Mechanisms and Treatment”, Iowa City, IA, USA
- 2014 Friedman Brain Institute Seminar Series, Mount Sinai School of Medicine, New York, NY, USA
- 2013 World Diabetes Congress in Melbourne, Australia
- 2013 International Joslin Diabetes Symposium, Boston, MA, USA,
- 2013 1st Annual Helmholtz Nature Medicine Diabetes Conference in Munich, Germany
- 2013 CECAD/IRCAN Symposium in Nice, France
- 2013 Insulin Workshop Novo Nordisk, Copenhagen, Denmark
- 2013 36th Naito Conference in Sapporo, Japan
- 2013 21st Annual Meeting of the Society for the Study of Ingestive Behavior (SSIB) in New Orleans, USA
- 2013 The Alison Douglas Summer School on Hunger and Satiety at Lake Chiemsee, Germany
- 2013 73th Scientific Sessions, ADA Conference, Award, Chicago, USA
- 2013 33rd Blankenese Conference on “Nutrient Sensing: From Brain to Gut” in Hamburg, Germany
- 2013 Cell Symposium on “Neuronal Control of Appetite”, Boston, USA
- 2013 15th European Congress of Endocrinology in Copenhagen, Denmark
- 2013 Copenhagen Obesity Symposium (COS), Copenhagen, Denmark
- 2013 CIM Symposium “Novel mediators of obesity-associated insulin resistance” and PhD course in Copenhagen, Denmark
- 2013 Abcam Meeting on “Programming Obesity: Central and Peripheral Contributors”, Cambridge, UK
- 2013 Keystone Symposium Neuronal Control of Appetite (C6), Banff, Alberta, Canada
- 2013 Cologne Spring Meeting University of Cologne, Germany
- 2013 International Symposium of the Cluster of Excellence “Inflammation at Interfaces”, Hamburg, Germany
- 2013 Keystone Symposium on Diabetes (J6), Keystone, Colorado, USA
- 2012 GSA (Gerontological Society of America) Conference, San Diego, CA, USA
- 2012 EASD 48th Annual Meeting and Congress on Neuroendocrine control of glucose homeostasis in Berlin, Germany
- 2012 Workshop on Eating Behaviour and Obesity of the European Behavioural Pharmacology Society (EBPS) in Lecce, Italy
- 2012 Conference “Inositol Phospholipid Signaling in Physiology and Disease” of the New York Academy of Sciences, New York, USA
- 2012 6th CIM PhD Course and Conference Inflammation and Metabolism, Copenhagen, Denmark
- 2012 Symposium of the Institute Circulation Metabolism Nutrition, Paris, France
- 2012 RNAi 2012 Conference: Gene Regulation by Small RNAs, Oxford, UK
- 2012 Keynote speaker at Diabetes UK Professional Conference, SECC Glasgow, Scotland
- 2012 Keystone Symposium on Genetic and Molecular Basis of Obesity and Body Weight Regulation, Santa Fe, New Mexico
- 2011 Salk Institute conference on “Aging”, San Diego, CA, USA
- 2011 20th Scientific Symposium of the Lilly Foundation: “Obesity Today”, Madrid, Spain
- 2011 Symposium on Molecular and Physiological Aspects of Diabetes Mellitus, Karoliska Institute, Stockholm, Sweden
- 2011 1st Joint Symposium on Neuroscience of the Max-Planck Society, Germany and Graduate School of Medicine, University of Tokyo, Japan
- 2011 DZNE+MPI Conference on “Ageing and Neurodegeneration”, Bensberg, Germany
- 2011 European Association for the Study of Obesity (EASO) Björntorp Symposium, Göteborg, Sweden

- 2011 DFG lecture “Alzheimer, Krebs und Co. – Die biologischen Grundlagen des Alterns”, Bremen, Germany
- 2011 European Conference on Obesity (ECO) International Meeting, Istanbul, Turkey
- 2011 Keystone Symposium on Lipid Biology and Lipotoxicity, Killarney, Ireland
- 2011 5th CIM PhD course Inflammation and Metabolism, Centre of Inflammation and Metabolism (CIM), Copenhagen, Denmark
- 2011 117th Congress of the German Society for Internal Medicine (DGIM), Wiesbaden, Germany
- 2011 Plenary Lecture, Israel Endocrine Society Annual Meeting, Tel Aviv, Israel
- 2011 Abcam Meeting “Therapeutic approaches to neurodegeneration-age modifiers, proteostasis and stem cells”, Nassau, Bahamas
- 2011 Ramanbhai Foundation (RBF), 5th International Symposium on Advances in Translational Research & Development, Ahmedabad, India
- 2011 University Colloquium on Pre-Diabetes, Tübingen, Germany
- 2011 Erasmus Lecture on Endocrinology, Rotterdam University, Netherlands
- 2010 Joint Cologne/Columbia University Research Colloquium, Columbia University, New York, USA
- 2010 XIth International Symposium on Insulin Receptors and Insulin Action (IR10), Naples, Italy
- 2010 49th Annual Meeting of the European Society for Pediatric Endocrinology (ESPE), Prague, Czech Republic
- 2010 6th International Melanocortin Meeting, Utrecht, Netherlands
- 2010 70th Annual Meeting of the American Diabetes Association (ADA), Orlando, Florida, USA
- 2010 92th Annual Meeting of the American Endocrine Society (ENDO) 2010, San Diego, CA, USA
- 2010 Poppelsdorfer Schlossgespräche, University of Bonn, Germany
- 2010 Kitasato Symposium “New Prospects for Cytokines”, Berlin, Germany
- 2010 2nd Selfish Brain Conference, Lübeck, Germany
- 2010 Per Björntorp Symposium, Göteborg, Sweden
- 2010 30th Blankenese Conference, Hamburg, Germany
- 2010 4th Mantua Workshop on Diabetes Mellitus and Related Conditions, Mantua, Italy
- 2010 Mosbacher Kolloquium of the GBM, Mosbach, Germany
- 2010 14th International Congress of Endocrinology (ICE 2010), Kyoto, Japan
- 2010 Workshop “Hot Topics in Metabolism and Cardiovascular Risk”, Torino, Italy
- 2010 Max Delbrück Center (MDC), Berlin-Buch, Germany
- 2010 Karl Friedrich Bonhoeffer Lecture at the Max Planck Institute for Biophysical Chemistry, Göttingen, Germany
- 2009 University of Texas Southwestern Medical Center, Dallas, Texas, USA
- 2009 20th World Diabetes Congress of the International Diabetes Federation (IDF), Montreal, Canada
- 2009 6th Annual Meeting of Insulin Resistance and Metabolic Syndrome (IRMS), Tokyo, Japan
- 2009 German-French Symposium “Obesity” of the French Embassy, Berlin, Germany
- 2009 69th ADA Conference of the American Diabetes Association, New Orleans, USA
- 2009 44th Annual Meeting of the German Diabetes Society (DDG), Leipzig, Germany
- 2009 Royal Academy Colloquium “Nutrition Metabolism & Brain”, Amsterdam, Netherlands
- 2009 Prize Lecture of the Jung Award, Ernst Jung Society, Hamburg, Germany
- 2009 52th Annual Symposium of the German Society of Endocrinology (DGE), Gießen, Germany
- 2008 Forum Health Region CologneBonn, „Molecular Ageing Research”
- 2008 EFSD/Lilly Symposium (European Foundation for the Study of Diabetes), Bad Homburg, Germany

- 2008 Caesarium, Research Center CAESAR, Bonn, Germany
- 2008 Minicolloquium "Metabolism-Inflammation-Cancer", Nice, France
- 2008 Plenary lecture, Annual Meeting of the German Zoological Association (Deutsche Zoologische Gesellschaft (DZG)), Jena, Germany
- 2008 Metabolism & Endocrinology Meeting of the Physiological Society, Oxford, UK
- 2008 Minkowski Prize Lecture in the frame of the 44th EASD (European Association for the Study of Diabetes) Annual Meeting in Rome, Italy
- 2008 Keynote lecture, 4th Symposium of the Zurich Center for Integrative Human Physiology (ZIHP), Zurich, Switzerland
- 2008 16th Annual Meeting of Society for the Study of Ingestive Behavior (SSIB), Agro Tech Paris, France
- 2008 7th Duodecim Symposium "Obesity and GUT-BRAIN-FAT axis" in Vanajanlinna, Finland
- 2008 Bayer Healthcare Science Center, Bayer Inc., Leverkusen, Germany
- 2008 51st Annual Meeting of the Japanese Diabetes Society, Tokyo, Japan
- 2008 Symposium on "Latest findings on central appetite and energy regulation"
- 2008 Merck Expert Input Forum "New Advances in Diabetes and Obesity EIF" in Rahway, New Jersey, USA
- 2008 Plenary lecture, 10th European Congress of Endocrinology (ECE), Berlin, Germany
- 2008 Expert Meeting of the Ministry for Education and Science (BMBF) "System biology of Ageing – GerontoSys", Berlin, Germany
- 2008 German Physiology Congress, Cologne, Germany
- 2008 Keystone Symposium "Neuronal Mechanisms Controlling Food Intake, Glucose Metabolism and Body Weight", Banff, Alberta, Canada
- 2008 DIfE Symposium "Genetics and Pathophysiology of Type 2 Diabetes, German Institute of Human Nutrition (DIfE), Potsdam-Rehbrücke, Germany
- 2007 Citywide Endocrine Rounds at Mount Sinai Hospital, University of Toronto, Canada
- 2007 Insulin Research Forum, Osaka and Tokyo, Japan
- 2007 Fritz Lipmann Institute for Aging Research, Jena, Germany
- 2007 European Life Scientist Organization (ELSO) Meeting, Dresden, Germany
- 2007 University of Bonn, Germany
- 2007 Sanofi-Aventis Meeting "Heart & Metabolism", Neuhardenburg (Berlin), Germany
- 2007 42th Annual Meeting of the German Diabetes Society (DDG), Hamburg, Germany
- 2007 IR07, Xth International Symposium on Insulin Receptors and Insulin Action, Stockholm, Schweden,
- 2007 9th European Congress of Endocrinology, ECE 2007, Budapest, Hungary
- 2007 Novo Nordisk Satellite Symposium in the frame of the 2nd International Pre-diabetes and the Metabolic Syndrome Congress, Barcelona, Spain
- 2007 Prize lecture, Leibniz Award of the German Research Council (DFG), Berlin, Germany
- 2007 51th Symposium of the German Society of Endocrinology (DGE) and the Austrian Association for Endocrinology, Salzburg, Austria
- 2007 Charité, Berlin, Germany
- 2006 Technical University (MTZ), Dresden, Germany
- 2006 Novo Nordisk Diabetes Meeting "Obesity and Diabetes", Cairo, Egypt
- 2006 12th Meeting of the European Neuroendocrine Association (ENEA), Athens, Greece
- 2006 10th Annual Meeting of the Neuroendocrinology Section of the "DGE (German Association of Endocrinology)", Tübingen, Germany
- 2006 Lesser-Loewe- Award lecture, Mannheim, Germany
- 2006 88th Annual Meeting of the American Endocrine Society (ENDO), Boston, USA
- 2006 University of Michigan, School of Medicine, Ann Arbor, USA
- 2006 6th International Congress of Neuroendocrinology: Bridging Neuroscience and Endocrinology, Pittsburgh, USA
- 2006 41th. Annual Meeting of the German Diabetes Society (DDG), Leipzig, Germany

- 2006 26th Blankenese Conference, Hamburg, Germany
- 2006 Institute for Diabetes, Endocrinology & Metabolism, Cambridge, UK
- 2006 Institute of Biochemistry, Christian-Albrechts-University, Kiel, Germany
- 2006 Dept. of Cardiology and Angiology, Medical University Hannover, Germany
- 2006 Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland
- 2005 Yale University, New Haven, USA
- 2005 German Cancer Research Center (DKFZ), Heidelberg, Germany
- 2005 COST B17 Meeting of the European Cooperation in Science and Technology, Geneva, Switzerland
- 2005 22nd Congress of the Novo Nordisk Société Française d'Endocrinologie, Strasbourg, France
- 2005 NovoNordisk Symposium on "Advanced Diabetes Care", Djerba, Tunisia,
- 2005 19th Summer School of the European Society for Pediatric Endocrinology (ESPE), Annecy, France
- 2005 7th European Congress of Endocrinology (ECE), Göteborg, Sweden
- 2005 Joint International Meeting of the Physiological Society & FEPS, Bristol, UK
- 2005 Wilhelm Vaillant-Prize lecture, Munich, Germany
- 2005 Invited seminar at NovoNordisk, Copenhagen, Denmark, Prof. Kurtzhals
- 2005 40th Annual Meeting of the German Diabetes Society (DDG), Berlin, Germany
Ferdinand Bertram-Prize lecture
- 2005 Novo Nordisk Diabetes Dialogue, Copenhagen, Denmark
- 2005 4th IASO (International Association for the Study of Obesity) Stock Conference, Istanbul, Turkey
- 2005 49th Annual Symposium of the German Society of Endocrinology (DGE), Münster, Germany
- 2005 Heinrich-Heine-University, Düsseldorf, Germany
- 2004 Research Centre for Endocrinology and Metabolism (RCEM), Sahlgrenska University Hospital, Gothenburg, Sweden
- 2004 Ernst Klenk Symposium, Cologne
- 2004 Joslin Retreat, Joslin Diabetes Center, Boston, USA
- 2004 IXth International Congress on Insulin Receptors and Insulin Action, Nice, France
- 2004 Novo Nordisk, 50th Anniversary Meeting of the Diabetes Association, Prien am Chiemsee, Germany
- 2004 University of Cincinnati, Michigan, USA
- 2004 Heinrich-Heine University, Düsseldorf, Germany
- 2004 Obesity Research Center, Ely Lilly Inc., Indianapolis, IN, USA
- 2004 5th Cologne Conference on Growth Factors and Cardiovascular Disease, Cologne, Germany
- 2004 European Molecular Biological Laboratory (EMBL) Monterotondo/Rome, Italy
- 2004 39th Annual Meeting of the German Diabetes Society (DDG), Hannover, Germany
- 2004 IZKF Workshop on Functional Genomics of the Association of Clinical Research Centers (ACRC) of German Universities, Banz Monastery/ Lichtenfels, Germany
- 2003 39th Schwabinger Symposium of the Research Group Diabetes e.V., München, Germany
- 2003 9th Chinese Diabetes Society Convention, Chengdu, China
- 2003 BioRiver Symposium of the ABCD Universities and Jülich on Infection, Inflammation and Oncology, Cologne, Germany
- 2003 University of Münster, Germany
- 2003 38th Annual Meeting of the German Diabetes Society (DDG), Bremen, Germany

LIST OF PUBLICATIONS

A) ORIGINAL RESEARCH ARTICLES IN PEER-REVIEWED JOURNALS

Jiang H, Gallet S, Klemm P, Scholl P, Folz-Donahue K, Altmüller J, Alber J, Heilinger C, Kukat C, Loyens A, Müller-Fielitz H, Sundaram S, Schwaninger M, Prevot V, Brüning JC. MCH Neurons Regulate Permeability of the Median Eminence Barrier. (2020) **Neuron** May 7:S0896-6273(20)30312-3. doi: 10.1016/j.neuron.2020.04.020.

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