

ERIN MARGARET SCHUMAN

PERSONAL

Birth date: May 15, 1963
Current status: Director, Professor
Lab address: Max Planck Institute for Brain Research
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Family status: Married to Gilles Laurent, 3 daughters
Citizenship: USA

EDUCATION and TRAINING

Post-doc	Mol Cell Physiology	Stanford University	July, 1990
Ph.D.	Neuroscience	Princeton University.	January, 1990
B.A.	Psychology	U.of So California.	May, 1985

AWARDS AND HONORS

2026	Human Frontiers Science Program Nakasone Prize
2025	Elected Member US National Academy of Medicine
2024	Körber European Science Prize
2024	Elected Foreign Member, The Royal Society, UK
2023	Elected Member American Academy of Arts and Sciences
2023	The Brain Prize, Lundbeck Foundation (with C. Holt and M. Greenberg)
2023	52 nd Lewis S. Rosenstiel Award (with Christine Holt), USA
2022	FEBS I EMBO Women in Science Award
2022	European Research Council, Advanced Investigator Grant
2021	Vallee Visiting Professorship
2020	FENS-Kavli-ALBA Diversity Prize
2020	Elected Member US National Academy of Sciences
2020	Louis-Jeantet Prize for Medicine
2018	Society for Neuroscience, Salpeter Lifetime Achievement Award
2017	Elected Member German National Academy of Sciences Leopoldina
2017	Elected Member Academia Europaea
2017	European Research Council, Advanced Investigator Grant
2016	Forbes Lectures, Marine Biological Laboratory
2014	Elected EMBO member
2013	Alexander Cruickshank Lecture, Gordon Research Conference
2013	Hodgkin-Huxley-Katz Prize Lecture, UK Physiology Society
2013	Norbert Elsner Lecture, German Neuroscience Society
2011	European Research Council, Advanced Investigator Grant
2008	Gerard Lecture, University of California, Irvine
2005	Howard Hughes Medical Institute Investigator
2002	Howard Hughes Medical Institute Associate Investigator
1997	Howard Hughes Medical Institute Assistant Investigator
1996	Ferguson Biology Undergraduate Teaching Prize
1996-1998	Beckman Young Investigator Award
1995	Ferguson Biology Graduate Teaching Prize

1995	American Association of University Women Emerging Scholar
1995-1999	Pew Biomedical Scholar
1994-1998	John Merck Scholar
1994-1996	Alfred P. Sloan Research Fellow
1994	McKnight Scholars Award (declined)
1991	Katherine McCormick Foundation fellow
1990	NIH postdoctoral fellowship
1986	NIH predoctoral fellow
1985	Phi Beta Kappa, graduation with honors
1985	Sigma Xi Outstanding Undergraduate Research Award

EMPLOYMENT

2009-	Director, Max Planck Institute for Brain Research, Frankfurt
2021-	Professor, special appointment, Radboud University
2015-	Professor, special appointment, Goethe University, Frankfurt
2004-2010	Full Professor, Caltech, Biology
2007-2009	Option Representative, Division of Biology, Caltech
2008	INSERM-Visiting Faculty, Ecole Normale Supérieure, Paris
2005	Visitor in Biology, Russ Fernald's lab, Stanford University
2004-2009	Investigator, Howard Hughes Medical Institute - HHMI
2002-2004	Associate Investigator, HHMI
2000-2006	Executive Officer in Biology, Caltech
1999-2004	Associate Professor, Caltech, Biology
1997-2002	Assistant Investigator, HHMI
1993-1999	Assistant Professor, Caltech, Biology
1990-1993	Postdoctoral Fellow, Stanford University, Mol-Cell Physiology
1990	Postdoctoral fellow, Princeton University, Neuroscience
1985-1990	Graduate student, Princeton University, Neuroscience

Advisory/Editorial Boards

current

2024-pres	Sectional Committee 8, The Royal Society, London
2024-pres	SAB, Institut Jacques Monod, Paris
2024-pres	Lundbeck Foundation, Grants and Prizes Committee, Denmark
2023-pres	SAB, Sainsbury Wellcome Centre, Neural Circuits and Behaviour
2023-pres	Eric Kandel Young Neuroscientist Prize Committee
2021-pres	SAB, UK Dementia Research Institute at Imperial College, London
2021-pres	SAB, Paris Brain Institute (ICM)
2021-pres	SAB, Norbrain, Trondheim, Norway
2021-pres	Jeanet Prize Committee, Switzerland
2020-pres	SAB, CRC1315 on Memory Consolidation, Charité, Berlin
2019-2025	SAB, CAS Ctr. for Excellence in Brain Science & Intelligence (China)
2019-pres	SAB, Biocenter (BZ) Basel, chair as of 2024
2016-pres	Editorial Board, Neuron
2016-pres	Editorial Board, Annual Review of Cell and Developmental Biology
2014-pres	Associate Editor of Neuroscience Research (Japan)
2002-pres	SAB, Kavli Neuroscience Institute, Trondheim, Norway
2009-pres	Associate Editor, Current Opinion in Neurobiology

past

2023	Pradel Prize Committee, National Academy of Sciences
2021-2023	Director General Search Committee, Institut Pasteur, Paris
2021-2022	SAB, Center for Integrative Genomics, Lausanne

2021-2022	Peter Seeburg Neuroscience Prize Selection Committee
2021	SAB, Neuroscience, University of Exeter, UK
2021	Newcomb Cleveland Prize Selection Committee (AAAS)
2021	Wolf Prize Committee
2020	Marcel Benoist Prize Committee, Switzerland
2019-2020	Simons Foundation Autism Research Initiative Review Panel
2019-2022	SAB, Southern University of Science and Technology, China
2019-2025	SAB, Institute of Neuroscience, Shanghai, China
2018-2023	Lundbeck Foundation Talent Panel, chair from 2022-2023
2018-2019	Councilor, Society for Neuroscience
2018	SAB, Brain Research Institute, HiFo, University of Zurich
2017-2024	SAB, Simons Initiative for Developing Brain, Univ. of Edinburgh, UK
2017	External Evaluation Board, IBENS, Paris
2017	SAB, Center for Integrative Biology, College de France
2016-2020	Frankfurt International School, Board of Trustees
2016	Advisory Committee, Harvard University, Molecular-Cellular Biology
2016	DFG, German Research Foundation, Review Board, Priority Program
2015-2019	EMBO Long-term Postdoc Fellowship Review Committee
2015-2017	SAB, EMBL Monterotondo
2015-2022	SAB, NERF Neuroelectronics Research Flanders
2015-2017	Frankfurt International School Advisory Council
2014-2018	FENS Brain Conferences Committee
2014-2017	Gruber Neuroscience Prize Committee
2014-2020	SAB Chair, MRC Centre for Dev Neurobiology, King's College
2014-2016	SAB, RIKEN Brain Science, Saitama, Japan
2013-2016	SAB, Foundation for Dystonia Research
2013	SAB, VIB Center for the Biology of Disease
2013-2016	Axelrod Neuroscience Prize Selection Committee
2011-2014	Panel Member, ERC Starting Grant Selection Committee
2011-2016	Editorial Board, Learning & Memory
2010-2013	Society for Neuroscience International Affairs Committee
2010-2015	Wellcome Trust Core Interview Panel
2010-2014	SAB, Neuroscience Institute, Helsinki
2008	Advisory Committee, Harvard University, Molecular-Cellular Biology
2004-2007	NIH Study section regular member, SYN

Meeting Organization

2024	Co-organizer, Brain Conference: Protein Synthesis, Denmark
2023	Co-organizer, mRNPs, mRNAs and Protein Synthesis, Rome
2021	Co-organizer, Brain Conference: RNA and Disease, Denmark
2020	Co-organizer, Triller Symposium
2018	Co-organizer, Logistics of Neuronal Function, Frankfurt
2018	Co-organizer, Dendrites, Crete, Greece
2016-2018	The Brain Conferences Committee
2013-2015	Chair and Organizer, RNA Localization Conference, Crete, Greece
2013-2014	Organizer HHMI/ Janelia High-throughput Sequencing Neuroscience
2012	FENS Forum Program Committee
2011	Co-Chair, Gordon Conference on Dendrites
2009	Co-Organizer, Cell-adhesion symposium, Cell Biology meeting
2009	Organizer, HHMI/Janelia, Translation at the Synapse
2007	Organizer, HHMI/Janelia, Translation at the Synapse
2003	Co-Chair, Cold Spring Harbor Meeting on Learning and Memory

2001 Chair, Gordon Conference on Neural Plasticity
 2001 Co-Organizer, Keystone Meeting on the Hippocampus and Synapses
 1998 Chair, Gordon Conference on Neural Plasticity

Teaching

2011-present IMPRS Lecturer
 2006-2009 Co-Instructor, Bi129, Cellular Dynamics
 2004-2009 Co-Instructor, Bi162, Cellular Neurophysiology
 2003-2009 Guest Lecturer, Bi150 and Bi156, Neurobiology
 1998-2003 Co-Instructor, Bi260, How to give a seminar
 1996-1998 Co-Director, Brain Development and Function Course, CSHL
 1995 Faculty, Neural Systems and Behavior, Marine Biological Laboratory
 1994-2002 Co-Instructor, Bi150, Neurobiology
 1994-2005 Co-Instructor, Bi80, Current Research

Recent Committees and Groups

2025 Director Appointment Committee, MPI for Biological Intelligence
 2025 Director Appointment Committee, MPI for Aging
 2024 Standing Committee, MPI Biophysics
 2023 Max Planck Leadership Ethics Committee
 2023 Standing Committee, MPI for Biological Cybernetics
 2023 Max Planck Free-Floater Research Group Leader Selection Panel
 2023 Lise Meitner Excellence Panel, Neuroscience Chair
 2023 Standing Committee, MPI for Infection Biology
 2022 Director appointment committee, MPI Plön
 2022 Director appointment committee, MPI Biophysics
 2022 Director appointment committee, MPI Neuroscience Florida
 2020-2022 Max Planck clustered retirement task force
 2020-2022 Max Planck Biomedical Section Perspective's Committee
 2020-2021 Selection Committee, Ernst Strungmann Institute
 2019- SfN Awards Policy Working Group
 2019-2020 Selection Committee Max Planck Director MPI for Terrestrial Microbiology
 2019 Selection Committee Max Planck Research Group Leader in Biophysics
 2019-2020 Selection Committee Director MPI for Biological Cybernetics
 2019-2020 Core Committee Director MPI for Developmental Biology
 2019-2020 Selection Committee Director MPI for Biophysical Chemistry
 2019-2020 Selection Committee Max Planck Research Group in Animal Behavior
 2019-2020 Selection Committee Director MPI for Psychiatry
 2018-2020 Max Planck Work Culture Committee
 2018-2021 Jury member Hermann Neuhaus Prize, Max Planck Society
 2016 Horizons 2020 Grant Panel Reviewer
 2016-2019 PI, DFG CRC, Resilience
 2016-2019 EMBO Long-term Postdoc Fellowship Committee
 2016-2018 FENS Brain Conferences Committee
 2012 MPI for Molecular Genetics Search Committee
 2012-2014 Working Group to support female scientists in the MPG
 2011-2014 Max Planck Perspective's Committee
 2011-2012 CAESAR Search Committee
 2011-2015 IMPRS for Neural Circuits, Spokesperson
 2010 Max Planck 20X2020 Initiative Author
 2011 Biology of Sleep Search Committee
 2011-2024 PI, DFG CRC 1080, Homeostasis

2011-2016 PI, Cluster of Excellence, Macromolecular Complexes
2010- PI, DFG CRC 902, RNA regulation
2010-2011 Max Planck Florida Institute
2010 MPG 2010+ Co-Author

Caltech Committee Work

2007-2009 Admissions Task Force
2006-2009 Chair, Genetics of Neural Circuits and Behavior
2006-2009 Institute Convocations committee
2006-2009 Faculty Committee on Women and Minority Faculty
2005-2009 Cellular and molecular biology search committee
2006-2009 Behavior & Genetics Search committee chair
2003-2009 Target of Opportunity committee
2000-2009 Division of Biology Postdoctoral Fellowship committee
2002-2009 Cellular & Molecular Neuroscience Qualifying Exam chair
2002-2006 Behavior & Genetics Search Committee
2003 Faculty Board nominating Committee
2002 Child Care Committee
2001-2004 Faculty Board
2003-2004 Bioengineering Search Committee

Invited Talks at Universities, Research Centers and Conferences

2026

Keynote lecture, Paris Brain Institute, 15th Anniversary, Paris

2025

Max Planck Society Senate

Francis Crick Institute, London, UK

UKDRI Connectome Keynote, Manchester, UK

Seminar, Center for Developmental Neurobiology, King's College London

Director's Seminar, Janelia Research Campus, Ashburn, VA

Waelsch Lecture, Columbia University, NY, NY

Lecture, Advanced Imaging Neuroscience Imaging Methods, Bordeaux

Commencement Address, Frankfurt International School

Keynote, RNA Society, San Diego

Seminar, Wu Tsai Neurosciences Institute, Stanford

Seminar, Neuroscience Academy Denmark, (online)

Keynote, GRC on Translation Machinery in Health and Disease, Pomona

Seminar, UCL, London, UK

Max-Delbrück-Center seminar, Berlin

2024

Center for Brain Science, Harvard University

VIB, KU Leuven, Brain Center, Leuven, Belgium

Plenary Lecture, 23rd Human Proteome Organization World Congress, Dresden

Brain Conference on RNA Mechanisms in Disease, Rungstedgaard, Denmark

Kuggie Vallee Distinguished Lecture, MIT, Cambridge, USA

Keynote 37th ECNP Congress, Milan, Italy

Keynote, CSHL Workshop on Molecular Mechanisms and Neuronal Connectivity, NY

Keynote, GRC on Synaptic Transmission, Barga, Italy

Keynote, Local Translation Conference, Melbourne, Florida

Keynote, McKnight Endowment Fund for Neuroscience, Aspen

Dendrites, Crete, Greece

Brain Prize Lecture, Aarhus University
Living Systems, University of Exeter, UK
Center for Genomic Regulation, Barcelona, Spain
Inaugural Symposium, Centre for High Impact Neuroscience (CHINTA), Kolkata, India
2023

Monot-Diderot Seminar, Institut Jacques Monod, Paris
Presidential Lecture, Society for Neuroscience, Washington D.C.
Ribosome Heterogeneity Conference, Royal Society, London
mRNPs, mRNAs, Protein Synthesis, Italian Academy of Sciences
MIT, Stanley Center for Psychiatric Research, USA
Brain Prize Webinar, Lundbeck Foundation
MPI of Epigenetics and Immunobiology, Germany
MPI of Biological Intelligence, Germany
Brain Prize Lecture, Copenhagen, Denmark
Cell Biology, Yale University, USA
Kavli Neuroscience Lecture, Yale University, USA
NYU, Neurobiology of Cognition, USA
Rosenstiel Award Lecture, Brandeis University, USA
Math and the Brain, Institute Henri Poincaré, Paris
UCLA Distinguished Lecture, Los Angeles, CA, USA
Institut Curie, Paris, France
Weizmann Institute of Science, Rehovot, Israel
2022

Rosalind Franklin Centenary Symposium, The Rockefeller University, NY, USA
Neuroscience seminar, Stony Brook University, NY, USA
Vallee Lecture, New York University, USA
Max Planck Florida Institute, Jupiter, FL, USA
Louis Jeantet Award Ceremony, Geneva, Switzerland
Bordeaux Neurocampus Synaptic Plasticity Conference, Bordeaux, France
Plenary Lecture, IUBMB-FEBS-PABMB Congress, Lisbon, Portugal
Japanese Neuroscience Society, Special Lecture (virtual)
Nobel Symposium on Neuropeptides, Stockholm, Sweden
Brain Mind Institute, EPFL, Lausanne, Switzerland
Kavli Symposium, Rockefeller University (virtual)
RNA in Neuroscience Symposium, Queensland Brain Institute, Australia (virtual)
Fredrick S. Fay Lecture, U Mass, Boston, USA
The Netherlands Cancer Institute, Amsterdam, The Netherlands (virtual)
King's College, London, UK
2021

MCCS Virtual Symposium, Stanford Neurobiology (virtual)
University of Freiburg, Neuroscience and Neurotechnology Lecture Series (virtual)
Keynote lecture, Turkish Neuroscience Meeting (virtual)
Society for Neuroscience, Special Lecture, USA (virtual)
The Brain Conferences, RNA Mechanisms & Brain Disease, Rungstedgaard, Denmark
Georgetown University, Washington, USA (virtual)
Keynote Lecture, Young Researchers' Symposium, UCL, London, UK (virtual)
Keynote Lecture, Stanley Center, Broad Institute of MIT and Harvard (virtual)
Plenary Lecture, Italian Society for Neuroscience (virtual)
EMBO Workshop on Mol. Neurobiology (virtual)
Women's Career Network (WoCaNet) 2021, Göttingen (virtual)
The Korean Society for Brain and Neural Sciences (virtual)
Washington University in St. Louis (virtual)

Berlin-Bochum Memory Symposium 2021 (virtual)

2020

MIT, USA (virtual)

Women in Science (WIS) seminar, LIMES, Bonn, Germany (virtual)

3rd Neuromatch Conference, Keynote presentation, USA (virtual)

Oxford University Cortex Club, UK (virtual)

GRSNC lecture, Université de Montréal, Canada (virtual)

EMBO/EMBL Symposium: The Complex Life of RNA, Heidelberg (virtual)

FENS Forum 2020 Plenary Lecture, Glasgow, UK (virtual)

9th FISEB/ILANIT Conference 2020, Eilat, Israel

GIGA, University of Liège, Belgium

2019

Neurological Institute, Columbia University, NY

Rita Levi-Montalcini Memorial Lecture, EBRI, Rome, Italy

Jeanette RNA Symposium, Geneva, Switzerland

Synaptology Meeting, Göttingen, Germany

Keynote, Simons Initiative for the Developing Brain, Edinburgh, Scotland

Keynote, EMBO Workshop: Protein Synthesis and Translational Control, Heidelberg

Keynote, 7th Synapse Meeting, Lausanne, Switzerland

FASEB SRC RNA Localization and Local Translation, Snowmass, CO

Clark Center and Neuroscience, Stanford, CA

Chemical Tools Meeting, Janelia-HHMI, Ashburn, VA

Ruth K. Broad Lecture, Duke University Medical Center, Durham, NC

NIH, Bethesda, MD

Biozentrum, University of Basel, Switzerland

Science for Life Laboratory, KTH, Karolinska Institute, Stockholm, Sweden

2018

Milner Centenary Symposium, Rockefeller University, NY

Francis Crick Institute, London, UK

Society for Neuroscience, Mini-symposium on Neural Proteomics, San Diego, CA

Keynote, Wellcome Trust India Alliance EMBO Symposium, New Delhi, India

Sussex Neuroscience, University of Sussex, Brighton, UK

Keynote, Harris and Holt Farewell Symposium, Cambridge, UK

SAB symposium, Kavli Center for Systems Neuroscience, Trondheim, Norway

Leopoldina Symposium, Halle/Saale, Germany

Fondation des Treilles, Synapses: from Complexity to Diversity, Paris, France

Edinburgh Neuroscience Day 2018, Annual Distinguished Lecture, Univ Edinburgh

DFG Conference "RNA Transport Meeting 2018", Keynote, Düsseldorf, Germany

Genomics & Systems Biology VIII at NYU Abu Dhabi, UAE

2017

Keynote, EMBL Graduation Ceremony, Heidelberg, Germany

Cell Symposia: Big questions in Neuroscience, Arlington, VA

Bordeaux Neurocampus Inaugural Conference, France

Janelia Farm Conference on Cell Biology of Neurons & Circuits, Ashburn, VA

Brain Prize Symposium, Lund, Sweden

ISN-ESN Symposium, Paris, France

RNA Conference on Localization and Local Translation, Barga, Italy

FENS-IBRO Cajal Course, Champalimaud Center for the Unknown, Lisbon, Portugal

Stockholm Nordic Neuroscience Meeting, Stockholm, Sweden

GRC on Dendrites, Il Ciocco, Barga, Italy

King's College, Wohl Imaging Center Opening Symposium, London, UK

MPI-Cambridge Neuroscience Meeting, Berlin, Germany

2016

EMBO/EMBL Symposium: Complex Life of mRNA, Heidelberg, Germany
Soc. for Neurochemistry, INC-JCN Flagship School, Alpbach, Austria,
Caltech, Norman Davidson Anniversary Lecture, Pasadena, CA
DENDRITES 2016, Keynote Lecture, Crete, Greece
UCL, London, UK
MIT, Picower Institute for Learning and Memory, Cambridge, MA
Neuroscience School of Advanced Studies, Bressanone, Italy
Forbes Lectures, Marine Biological Laboratory, Woodshole MA
University of Göttingen Medical Center, Göttingen, Germany
IGMM Edinburgh, Scotland

2015

Science for Life Symposium, Utrecht University, Netherlands
Society for Neuroscience Symposium on Dendrite Development & Function, USA
16th National Congress of the Spanish Society of Neuroscience, Granada, Spain
Sunposium, MPI Florida, Jupiter USA
IMP-IMBA-BI Meeting, Vienna, Austria
Brandeis University, Bauer Distinguished Lecturer, Waltham, MA
University of Massachusetts, Worcester, MA
Adrian Lecture, University of Cambridge, UK
Max Planck Institute for Psychiatry, Munich, Germany
5th European Synapse Meeting, Bristol, UK,
Zebrafish Workshop, Janelia Farm Research Campus, Ashburn, VA
FMI for Biomedical Research, Basel, Switzerland

2014

EMBL-La Sapienza Seminar Series, Monterotondo, Rome, Italy
Freiburg University, Germany
School of Biosciences, Cardiff University, Wales
Collège de France, Paris, France
15th EMBL/EMBO Science and Society Conference, Chair, Heidelberg, Germany
Janelia Conference on High-Throughput Sequencing for Neuroscience, Ashburn, VA
Translational Control Meeting Wellcome Trust, Keynote Address, London, UK

2013

Baylor College of Medicine, Houston, Texas, USA
The University of Texas at Austin, USA, Winter
Bordeaux Neurocampus, Bordeaux, France,
DGIST Distinguished Lecture, Daegu, Korea
Rockefeller University, NY, NY
Université Paris Descartes, Paris, France
ICM, Paris, France
Max Planck Institute for Medical Research, Heidelberg, Germany
TEDx: The Brain, Caltech, Pasadena CA
LTP Meeting by the Royal Society, London, UK
IFM International Colloquium 2013, Paris, France
10th Horizons in Molecular Biology Symposium, Göttingen, Germany
Hodgkin-Huxley-Katz Prize Lecture, IUPS, Birmingham, UK
Gordon Research Conference on Dendrites, Les Diablerets, Switzerland
10th Meeting of the German Society of Neuroscience, Göttingen, Germany
107th International Titisee Conference, Titisee, Germany

2012

Neuroscience Seminar, Max Planck Institute Florida, Jupiter, Florida
CNS Colloquium, NYU, New York,

Research Institute of Molecular Pathology, Vienna, Austria
IBMB Barcelona, Spain
Instituto de Neurociencias, Alicante, Spain,
Centro de Biología Molecular, Madrid, Spain
Institute of Neuroscience, Newcastle-upon-Tyne, UK
Centre for Integrative Physiology, Edinburgh, Scotland
MRC LMB, Cambridge, UK,
EMBL, Heidelberg, Germany
Brain Research Institute, University of Zurich, Switzerland
Champalimaud Neuroscience Symposium, Lisbon, Portugal
Kavli Prize Symposium on Neuroscience 2012, Bergen, Norway
RIKEN BSI Summer Program 2012, Japan,
14th International Winter Neuroscience Conference, Soelden, Austria
Janelia Dendrites: Substrates for Information Processing, Ashburn, VA
Molecular Neurobiology, Weizmann Institute of Science, Rehovot, Israel
2011
VIB, K.U. Leuven & Vesalius Research Center, Leuven, Belgium
Single-Unit Human Recordings, New York University, NY
Max Delbrück Center for Molecular Medicine, Berlin, Germany
Pharmazentrum Frankfurt, University Hospital Goethe-University Frankfurt, Germany
Society for Neuroscience Special Lecture, SfN Meeting, Washington DC
Nobel Forum Lecture, Karolinska Institutet, Stockholm, Sweden
Ascona Neuronal Circuits Meeting, Ascona, Switzerland,
ISN 2011 Meeting, Athens, Greece
IEEE • ICDL • EPIROB 2011, Keynote lecture Frankfurt, Germany
EMBO Conf. on Intracellular RNA Localization & Localized Translation, Barga, Italy
8th IBRO World Congress of Neuroscience, Florence, Italy
34th German Society for Cell Biology (DGZ), Bonn, Germany
Translational Regulation in the CNS, German SfN, Göttingen, Germany
University of Oxford, Physiology, Anatomy and Genetics, Oxford, UK
2010
Stanford University, Molecular and Cellular Physiology, Palo Alto, CA
Institute for Cell Biology and Neuroscience, Goethe-University, Frankfurt, Germany
Harvard, Center for Brain Science, Boston, MA
Europ. Symp. on Imaging Structure & Function in the Zebrafish Brain, Lisbon, Portugal
XIIth Magdeburg Neurobiological Symposium, Magdeburg
FENS Forum, Amsterdam, The Netherlands
GRC on the Cell Biology of the Neuron, Waterville Valley Resort, NH
AREADNE, Encoding & Decoding of Neural Ensembles, Santorini, Greece
Ribosomes Keynote, Orvieto, Italy
1st Francis Crick Symposium on Neuroscience, Suzhou, China
Janelia Farm Conference on Structural Plasticity in the Mammalian Brain, Ashburn, VA
SFB Initiative Mainz-Frankfurt on Mechanisms of Molecular Adaptation, Mainz, Germany
Max Planck Unit for Structural Molecular Biology, Hamburg, Germany
Bernstein Center for Computational Neuroscience, Berlin, Germany
Neuroscience Center Niederrad, Frankfurt, Germany
SFB/TR 3, University Hospital, Bonn, Germany
2009
MRC Laboratory for Molecular Cell Biology, UCL, London, UK
Biozentrum, Basel, Switzerland
Allen Institute, Seattle, WA
Janelia Meeting on Dendritic Translation, Ashburn, VA

Gordon Conference on Cell Adhesion,
FASEB Meeting on RNA translation
Gordon Conference on Dendrites, Ventura, CA
Learning and Memory meeting, UCI, Irvine, CA
Case Western University, Case Western, Ohio
2008
UCI, Gerard Lecture, Irvine, CA
Hippocampus Conference, Spitsbergen Norway
Hinxton meeting, Cambridge, UK
Bergamo Scienza, Keynote public lecture, Bergamo, IT
University of Michigan, Agranoff Lecture, MA
Ecole Normale Superieure, Paris, France
2007
University of Pennsylvania Children's Hospital, Philadelphia, PA
CSHL and EMBL Protein Translation, Keynote address, Heidelberg, Germany
Protein Translation at the Synapse, Janelia Farm, Ashburn, VA
Mass Spectrometry in the Health & Life Sciences, San Francisco, CA
Gordon Research Conference on Neural Circuits
Banbury Center Fragile X meeting, Cold Spring Harbor, NY
Johns Hopkins University, Neuroscience, Baltimore, MA
USC, Zilkha Neurogenetics Institute, LA, CA
University of Minnesota, Department of Neuroscience, Minneapolis, MN
Scripps Research Institute, San Diego, Ca
2006
Ecole Normale Superieur, Paris, France
University of New Mexico, Grass Traveling Lecturer, Santa Fe, NM
Rockefeller University, NY, NY
Emory University, Atlanta, GA
Carnegie Mellon University, Philadelphia, PA
Cold Spring Harbor, Learning and Memory, 2006
2005
RNA and Protein Synthesis, Kfar Blum, Israel, 2005
Molecular and Cellular Physiology, Stanford, Fall 2005
Vollum Institute, Winter, 2005
Neuroscience, UT Southwestern, Dallas, Winter, 2005
Women in Life Sciences Speaker, UCSF, Winter, 2005
2004
Montreal Neurological Institute, McGill University, Winter, 2004
Washington University Neuroscience, Spring, 2004
Penn Neurobiology, Spring, 2004
Harvard Medical School, Neurobiology, Spring, 2004
UT Southwestern Medical Center, Dallas, Winter, 2004
University of California, Santa Cruz, Winter, 2004
Picower Center for Learning and Memory, Learning Meeting, 2004
Molecular mechanisms of long-term memory, SFN symposium speaker, 2004
The Cytoskeleton and Synaptic Function, San Diego, 2004
Gordon Research Conference on the Cell Biology of the Neuron, 2004
2003
University of Colorado Denver, CO
Pasteur Institute, Paris, France
Neuron's 15th anniversary symposium: Cell Biology of the Neuron, New Orleans, LA
Assembly of Neural Circuits, Ascona, Switzerland

Formation and Function of Neural Circuits, Varenna, Italy
30th Anniversary of LTP, Royal Society, London, UK

2002

Laboratoire de Physiologie Cerebrale, CNRS, Paris, France
USC, LA, CA

Stanford, Molecular and Cellular Physiology, Palo Alto, CA
Learning and Behavior, UCLA, LA, CA

Cellular Motility and Signaling, Keystone, Taos, NM
2001

Cellular and Molecular Medicine, UCSD, San Diego, CA

MIT, Center for Learning and Memory, Boston, MA

Harvard Medical School, Boston, MA

Harvard, Molecular and Cellular Biology, Boston, MA

UCSD, Molecular Medicine, San Diego, CA

Learning and Memory Symposium, UCI, Irvine, CA

Harvard-Armenise Foundation Symposium, Milano, Italy

Keystone Meeting on Synaptic Function and the Hippocampus, Taos, NM

Cold Spring Harbor Learning and Memory Meeting, CSH, NY

2000

UCSF, San Francisco, CA

Duke University, Durham, NC

University of Pittsburgh, PA

UC Berkeley, Berkeley, CA

Gordon Research Conference on Neural Development, Salve Regina, NH

Gordon Research Conference on The Cell Biology of the Neuron, Plymouth, NH

1999

Harvey Mudd College, Pomona, CA

Neuronal Circuits, Monte Verita, Ascona, Switzerland

FASEB Meeting, Symposium on Local Protein Synthesis, Washington, D.C.

1998

Institute for Neurobiology, Max Planck Institute, Martinsried, Munich, Germany

Wake Forest University, Bowman Gray School of Medicine, NC

Washington University, McDonnell Neuroscience Speaker, St. Louis, MI

University of Chicago, Chicago, IL

Salk Institute and UCSD Neuroscience, La Jolla, CA

Whitehead Institute Symposium on Neurobiology, Boston, MA

Frontiers of Science, National Academy of Sciences, Irvine, CA

Cortical Plasticity: the representation of experience, Berlin, Germany

Gordon Research Conference on The Cell Biology of the Neuron, Plymouth, NH

Keystone Symp. The Hippocampus, Park City, UT

1997

Northwestern University Neurobiology Dept., Chicago, I

NIH, Neuroscience Lecture Series, Winter, Bethesda, MD

NYU, Neural Sciences Dept., NY, NY

Stanford University Neuroscience Retreat, Palo Alto, CA

Society for Neuroscience, Molecular Basis of Long-term Memory, New Orleans, LA

Gordon Research Conference on Neural Plasticity, NH,

Gordon Research Conference on Neurotrophins, Newport, RI

Neurotrophins in Development and Plasticity, Osaka, Japan

Dahlem Conference on Learning and Development, Berlin, Germany

UCI, Psychobiology Dept., Irvine, CA

UCLA, Neuroscience Dept., LA, CA

UC Berkeley, Neuroscience Dept., Berkeley, CA
U. Washington, Dept. Pharmacology/Neuroscience, Seattle, WA
1996

Johns Hopkins University, Neuroscience Dept., Baltimore, MA
LUMC, Neuroscience Dept
U. Iowa, Biology Dept.,
4th NGF Conference, LondonUK
Spring Hippocampus Meeting, Grand Cayman, BWI
Keystone Symposium on Signal Transduction, Taos, NM
1995

Neurotrophic factors in development, plasticity & survival, Madison, WI
Gordon Research Conference on Neurotrophins, Plymouth, NH
UC Davis, Center for Neuroscience, Davis, CA
Duke University, Dept. of Neurobiology, Durham, NC
University of Texas, Dept. of Pharmacology, San Antonio, TX
University of Southern California, Neuroscience Dept., LA., CA
University of Minnesota, Dept. of Physiology, Minnesota, MN
1994

Gif sur Yvette: The latest in synaptic transmission, Paris, France
European Society for Neurochemistry, Jerusalem, Israel
Brain Development and Function Course, Cold Spring Harbor, NY
FASEB Meeting, Anaheim, CA
City of Hope, Neuroscience group, Duarte, CA
University of Oregon, Neuroscience Institute, Eugene, OR
SUNY Stonybrook, Department of Pharmacology, Stonybrook NY
1993

Hopkins Marine Station, Monterey, CA
Banbury Meeting: Molecular Aspects of NO and NO Synthase, Cold Spring Harbor, NY
IUBMB Meeting: Biochemistry of Cellular Membranes, Bari Italy
Keystone Meeting: Molecular aspects of signal transduction. Taos, NM
American Chemical Society, NO symposium, Richmond, VA
1992

Duke University, Neurobiology Department, Durham, NC
Nitric Oxide: Brain and Immune system, Calabria, Italy
Brain Development and Function Course, Cold Spring Harbor, NY
Keystone Meeting: Synapse Formation and Function, Big Sky, Montana
Cold Spring Harbor Conference on Learning and Memory, NY

Selected Publications

Schwarz, A., Mueller, M., Will, H., Dietrich, L., Giandomenico, S., Tushev, G., Bartnik, I., Khusainov, I., Fusco, C., and Schuman, E.M. (2026). Ribosomal RNA expansion segments mediate the oligomerization of inactive animal ribosomes. **Science**, *in press*.

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