

# Melina Schuh

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Max Planck Institute for Biophysical Chemistry  
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Date of Birth: 14 April 1980 | Place of Birth: Bad Pyrmont, Germany  
Four children (born 2012, 2014, 2016 and 2019)

## Research Experience

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### **Max Planck Institute for Biophysical Chemistry**

*Director (Hauptamt)*

*Director (Nebenamt)*

Department of Meiosis

**Göttingen, Germany**

*since Jan 2016*

*June 2015 – Dec 2015*

### **MRC Laboratory of Molecular Biology**

*Programme Leader (Tenured)*

*Programme Leader Track*

*Senior Investigator Scientist*

Programme: Meiosis in mammalian oocytes

**Cambridge, UK**

*Sept 2014 – Dec 2015*

*Sept 2010 – Aug 2014*

*Dec 2008 – Aug 2010*

### **European Molecular Biology Laboratory**

*Bridging Postdoc - Group of Jan Ellenberg*

*Ph.D. Student - Group of Jan Ellenberg*

Project: Acentrosomal spindle assembly and spindle relocation in mouse oocytes

**Heidelberg, Germany**

*July 2008 – Nov 2008*

*Oct 2004 – June 2008*

### **Bayreuth Center for Molecular Biosciences**

*Diploma student - Group of Stefan Heidmann and Christian Lehner*

Project: Analysis of the mechanism of CENP-A incorporation into centromeres

**Bayreuth, Germany**

*Sept 2003 – June 2004*

## Education

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### **European Molecular Biology Laboratory & University of Heidelberg**

*Dr. rer. nat. Summa cum laude*

**Heidelberg, Germany**

*Oct 2004 – June 2008*

### **University of Bayreuth**

*Studies of Biochemistry*

*Diplom Very good (1.0; passed with distinction)*

*Vordiplom Very good (1.0; passed with distinction)*

**Bayreuth, Germany**

*Oct 1999 – March 2004*

## Fellowships and Awards

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Member of Leopoldina (German National Academy of Sciences)

2019

Gottfried Wilhelm Leibniz-Preis, German Research Foundation

2019

Colworth Medal, Biochemical Society	2019
EMBO Gold Medal	2018
Binder Innovation Award, German Society for Cell Biology	2016
EMBO Member	2016
John Kendrew Award, EMBL	2015
Lister Institute Research Prize	2014
Early Career Award, Biochemical Society	2014
EMBO Young Investigator Programme	2013 – 2015
Doctoral fellowship awarded by the Studienstiftung des deutschen Volkes	2005 – 2008
EMBL predoctoral fellowship	2004 – 2008
Student fellowship awarded by the Studienstiftung des deutschen Volkes	2002 – 2004

## Funding

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Gottfried Wilhelm Leibniz-Preis (2,500,000 Euro)	2019 – 2026
Cluster of Excellence Multiscale Bioimaging (56,000,000 Euro for Cluster)	2018 – 2025
ERC Starting Grant ‘ChromOocyte’ (1,487,611 Euro)	2014 – 2019
2014 Lister Institute Research Prize (200,000 GBP)	2014
FP7 Collaborative Grant ‘MitoSys’ (367,200 Euro)	2010 – 2015
EMBO Young Investigator Programme (45,000 Euro)	2013 – 2015

## Professional Activities

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Scientific Advisory Council Global Consortium for Female Reproductive Longevity and Equality	since 2019
Conference co-organizer EMBO Workshop on Meiosis, La Rochelle, France	2019
Member of core committee Max Planck Institute for Immunobiology and Epigenetics	since 2019
Conference main organizer 117th International Titisee Conference, Lake Titisee, Germany	2018
Member of core committee Max Planck Institute for Molecular Biomedicine	since 2018
Member of core committee Max Planck Institute for Neurobiology	since 2018
Member of Editorial Board of Seminars in Cell and Developmental Biology	since 2018
Co-editor Methods Cell Biol. Vol. 144 & 145 - Mitosis & Meiosis	2018
Principal Investigator in Multiscale Bioimaging Excellence Cluster, University of Goettingen	since 2018
Member of selection committee for free-floating Max Planck Research Group Leaders	since 2017
Member of core committee Max Planck Institute for Molecular Genetics	since 2017
Member of core committee Max Planck Institute for Molecular Cell Biology and Genetics	since 2017
Member of core committee Max Planck Institute for Plant Breeding Research	since 2017
Member of core committee Max Planck Institute for Biology of Ageing	since 2017
Organizer of Cell and Developmental Biology Seminar Series	since 2016
Member of Committee for Ethics in Security Relevant Research of the Max Planck Society	since 2016
Editorial Advisory Board of Journal of Cell Science	since 2014
Member of AcademiaNet	since 2013
Science outreach project “Meeting of Minds” – TV documentary and art exhibition	2010 – 2015
Lecturer and Examiner Pt II Zoology, Cambridge University	2012 – 2014
Member of MRC Cambridge Ethical Review Committee	2011 – 2014
Member of MRC LMB Animal Facilities Management Committee	2010 – 2013

## Teaching Activities

**Lectures and lecture-related exams**

Lecturer B.Sc. module Developmental and Cell Biology, University of Göttingen	<i>since WS 2019/20</i>
Lecturer IMPRS for Genome Science	<i>since WS 2017/18</i>
Lecturer IMPRS for Physics of Biological and Complex Systems	<i>since SS 2017</i>
Examiner Developmental, Neural and Behavioural Science MSc Program	<i>since 2017</i>
Examiner in International MSc / PhD Program Molecular Biology Program	<i>since 2017</i>
Lecturer in Developmental, Neural and Behavioural Science MSc Program	<i>since WS 2016/17</i>
Lecturer in International MSc / PhD Program Molecular Biology Program	<i>since WS 2016/17</i>
Lecturer Natural Sciences Tripos (BSc), Pt II Zoology, Cambridge University	<i>2012 – 2014</i>
Examiner Natural Sciences Tripos (BSc), Pt II Zoology, Cambridge University	<i>2012 – 2014</i>

## Selected invited talks

<b>Crick Institute</b> , London, UK	11/2019
<b>University of Geneva</b> , Geneva, Switzerland	11/2019
<b>2018 ASCB   EMBO Meeting</b> , San Diego, USA	12/2018
<b>Institut für Humangenetik</b> , Göttingen, Germany	10/2018
<b>Max-Planck-Förderstiftung</b> , Munich, Germany	10/2018
<b>Center for Genomic Regulation Symposium</b> , Barcelona, Spain	09/2018
<b>ESHRE Annual Meeting</b> , Barcelona, Spain	07/2018
<b>Gordon Research Conference Meiosis</b> , New London, USA	06/2018
<b>Harvard University</b> , Cambridge, USA	06/2018
<b>Harvard Medical School</b> , Boston, USA	06/2018
<b>12th Biennial Alpha Conference</b> , Reykjavik, Iceland	05/2018
<b>117<sup>th</sup> International Titisee Conference</b> , Lake Titisee, Germany	04/2018
<b>DGZ Young Scientist's Forum</b> , Berlin, Germany	02/2018
<b>Max Planck Institute of Molecular Physiology</b> , Dortmund, Germany	02/2018
<b>EMBO/EMBL Symposium: Seeing is Believing</b> , Heidelberg, Germany	10/2017
<b>EMBO Members Meeting</b> , Heidelberg, Germany	10/2017
<b>WoCaNet Conference</b> , Göttingen, Germany	10/2017
<b>Friedrich-Löffler-Institut</b> , Mariensee, Germany	09/2017
<b>Aetiology of Human Aneuploidy Meeting</b> , Barcelona, Spain	09/2017
<b>EMBO Conference on Meiosis</b> , Hvar, Hungary	08/2017
<b>Horizons in Molecular Biology Symposium</b> , Göttingen, Germany	09/2016
<b>EMBO/EMBL Symposium: Actin in Action</b> , Heidelberg, Germany	09/2016
<b>Lister Award Lecture</b> , Cambridge, UK	07/2016
<b>EMBO Workshop: Chromosome segregation and aneuploidy</b> , Galway, Ireland	06/2016
<b>EMBO/EMBL Symposium: Microtubules</b> , Heidelberg, Germany	05/2016
<b>Annual Meeting of the DGZ</b> , Munich, Germany	03/2016
<b>IRB Student Symposium</b> , Barcelona, Spain	11/2015

<b>Francis Crick Institute</b> , London, UK	10/2015
<b>Gurdon Institute Seminar Series</b> , Cambridge, UK	10/2015
<b>EMBO Cell Cycle Workshop</b> , Budapest, Hungary	09/2015
<b>EMBO Meiosis Meeting</b> , Oxford, UK	09/2015
<b>John Kendrew Award Lecture</b> , Heidelberg, Germany	07/2015
<b>Young Embryologist Network Annual Meeting</b> , London, UK	05/2015
<b>Lister Institute Annual Meeting</b> , Cambridge, UK	09/2014
<b>The Dynamic Cell Conference</b> , Cambridge, UK	09/2014
<b>EMBL 40<sup>th</sup> Anniversary Reunion</b> , Heidelberg, Germany	07/2014
<b>MRC LMB Alumni Symposium</b> , Cambridge, UK	07/2014
<b>Sir William Dunn School of Pathology</b> , Oxford, UK	06/2014
<b>MPI for Biophysical Chemistry</b> , Goettingen, Germany	05/2014
<b>The Research Institute of Molecular Pathology</b> , Vienna, Austria	04/2014
<b>ASCB Meeting</b> , New Orleans, USA – invited talk and session chair	12/2013
<b>EMBO   EMBL Symposium Seeing is Believing</b> , Heidelberg, Germany	10/2013
<b>MRC Laboratory of Molecular Cell Biology</b> , London, UK	09/2013
<b>Gordon Research Conference Fertilization &amp; Activation of Development</b> , Holderness, USA	07/2013
<b>Gordon Research Conference Molecular Membrane Biology 2013</b> , Andover, USA	07/2013
<b>EMBO Workshop - Oocyte Maturation and Fertilization</b> , Banyuls-sur-Mer, France	06/2013
<b>British Meiosis Conference</b> , Cambridge, UK	03/2013
<b>Phillips Universitaet Marburg</b> , Marburg, Germany	06/2012
<b>Bayreuther Zentrum für Molekulare Biowissenschaften</b> , Bayreuth, Germany	06/2012
<b>MRC Clinical Sciences Centre</b> , London, UK	04/2012
<b>University of Edinburgh - Monday Seminar Series</b> , Edinburgh, UK	04/2012
<b>Annual Meeting of the German Society for Cell Biology</b> , Dresden, Germany	03/2012
<b>Institute of Biotechnology - University of Helsinki</b> , Helsinki, Finland	02/2012
<b>Warwick Medical School - Distinguished Visitors Series</b> , Warwick, UK	01/2012
<b>IMP, MFPL, IMBA, GMI - Postdoc Invited Speaker Series</b> , Vienna, Austria	12/2011
<b>UK-Japan Cell Cycle Meeting</b> , Windermere, UK	04/2011
<b>Annual Meeting of the German Society for Cell Biology</b> , Bonn, Germany	03/2011
<b>Institute of Ageing and Health</b> , Newcastle, UK	01/2010
<b>University of Konstanz</b> , Konstanz, Germany	11/2009
<b>Cold Spring Harbor Germ Cell Meeting</b> , Cold Spring Harbor, USA	10/2008
<b>ELSO Meeting</b> , Nice, France	09/2008