

# Patrick Cramer

## Curriculum vitae

### Personal data

Date of birth February 3, 1969  
 Place of birth Stuttgart, Germany  
 Nationality German  
 Marital status Married, two children (born 1997, 2000)

### Contact information

Address Max Planck Institute for Biophysical Chemistry  
 Department of Molecular Biology  
 Am Fassberg 11, 37077 Göttingen, Germany  
 Email patrick.cramer@mpibpc.mpg.de  
 Phone +49 551 201-2800  
 Internet www.mpibpc.mpg.de/cramer  
 Twitter @CramerLab

### Positions

2014-	MPI for Biophysical Chemistry	Director, Department Molecular Biology
2010-2013	Universität München (LMU)	Director, Department of Biochemistry
2004-2013	Universität München (LMU)	Director, Gene Center Munich
2004-2014	Universität München (LMU)	Professor of Biochemistry
2001-2003	Universität München (LMU)	Tenure-track Professor of Biochemistry
1999-2001	Stanford University, USA	Postdoctoral fellow with R.D. Kornberg
1995-1998	EMBL Grenoble, France	Predoctoral fellow with C.W. Müller

### Education

1998	EMBL & Universität Heidelberg	Dr. rer. nat. (' <i>summa cum laude</i> ')
1995	Universität Heidelberg	Diploma in Chemistry
7/94-3/95	Cambridge University, UK	Research student with A.R. Fersht
10/92-3/93	University of Bristol, UK	ERASMUS research student with A.G. Orpen
1992-1995	Universität Heidelberg	Student of Chemistry (Diplom)
1989-1991	Universität Stuttgart	Student of Chemistry (Vordiplom)

### Publications and public outreach

>200 Medline-listed publications, incl. 39 original papers in *Nature*, *Science* & *Cell*  
 ~500 invited lectures and seminars, about 40% abroad  
 >40 Press releases and PR contributions

### Prizes and awards

Otto Warburg Medal (2020)  
 Ernst Schering Prize (2019)  
 Centenary Award, British Biochemical Society (2016)  
 Arthur Burkhardt Prize (2015)  
 Bundesverdienstkreuz (Cross of Merit, Federal Republic of Germany) (2012)  
 Paula und Richard von Hertwig-Preis (2012)  
 Feldberg Foundation Prize (2011)  
 Medal of Honour, Robert Koch Institute (2010)  
 Ernst Jung Prize for Medicine (2009)  
 Hansen Family Prize, Bayer Science & Education Foundation (2009)  
 Bijvoet Medal, University of Utrecht (2008)  
 Philip Morris Research Award (2007)  
 Gottfried Wilhelm Leibniz Prize (2006)  
 Eppendorf Award for Young European Researchers (2004)  
 GlaxoSmithKline Science Award (2002)  
 MSC Future Investigator Award (2000)

### **Named lectures**

Jerry A. Weisbach Memorial Lecture, Rockefeller University, USA (2020)  
Hilldale Lecture, University of Wisconsin, Madison, USA (2020)  
Distinguished Lecturer, KAUST, Saudi Arabia (2019)  
Tousimis-Lauffer Distinguished Lecture, University of Pittsburgh, USA (2019)  
Craig Jordan Lecture, University of Oxford, UK (2018)  
Kjeldgard Lecture, University of Aarhus, Denmark (2018)  
George William Jourdan Lecture, University of Michigan, USA (2018)  
Weigle Lecture, University of Geneva, Switzerland (2017)  
James B. Sumner Class of 1942 Lecture, Cornell University, USA (2015)  
Steinhofer Lecture, University of Freiburg, Germany (2007)

### **Other honours**

Speaker of the year, Netherlands Society for Biochemistry and Molecular Biology (2019)  
Elected Member, Academia Europaea (2017)  
Honorary Professor, Georg-August-Universität Göttingen (2017)  
Guest Professor, Karolinska Institute, Stockholm, Sweden (2015-2019)  
Visiting Professor, Vallee Foundation (2012)  
Advanced Investigator Grant, European Research Council ERC (2010 & 2016)  
Elected member, European Molecular Biology Organization EMBO (2009)  
Elected member, German Academy of Sciences Leopoldina (2009)  
Young Investigator, European Molecular Biology Organization EMBO (2000)

### **Professional service (selection from last 10 years)**

- Co-organizer, Keystone Symposium "Gene regulation: From Mechanisms to Disease" (2020)
- Chairman, Board of Trustees, Bayer Science and Education Foundation (2020-2022)
- Member, Scientific Advisory Board, Gulbenkian Institute of Science, Lisbon, Portugal (2020-)
- Member, Council of the Arthur Burkhardt Foundation (2019-)
- Co-organizer, EMBO/EMBL Symposium "From Multiomics to Biological Insights" (2019)
- Organizer, Cold Spring Harbor Conference "Mechanisms of Eukaryotic Transcription" (2019)
- Member, Advisory Board, Engelhorn Foundation (2018-)
- Vice-Spokesperson, Cluster of excellence "Multiscale Bioimaging" (2018-)
- Chair, Perspectives Commission of the Max Planck Society, Biomedical section (2018)
- Member, Advisory Editorial Board, Molecular Systems Biology (2017-)
- Member, Scientific Advisory Board, Advanced Innovation Center for Structural Biology, Tsinghua University, Beijing, China (2017-)
- Co-organizer, EMBO Conference on Chromatin and Epigenetics (2017)
- Coordinator, International Max Planck Research School for Genome Science (2017-)
- Editorial Board Member, Cell (2016-)
- Chair, Council of the European Molecular Biology Laboratory EMBL (2016-2019)
- Member, Scientific Advisory Board, Max Delbrück Center for Molecular Medicine (2016-)
- Panel reviewer, Helmholtz Institute for RNA-based Infection Biology, Würzburg (2016)
- Expert member, evaluation of Wellcome Trust Center for Cell Biology, UK (2016)
- Ad hoc advisor, Medical Faculty of the University of Cologne (2016)
- Co-organizer, Max Planck Symposium on 'Biological Networks' in Berlin (2016)
- Co-organizer and session chair, conference 'Life?', Volkswagen Foundation (2015)
- Member, Perspective Commission of the Biomedical Section of the Max Planck Society (2015-2020)
- Co-organizer, Cold Spring Harbour Meeting on Mechanisms of Eukaryotic Transcription (2015, 2017)
- Member, Board of reviewing editors, *eLife* (2015-2017)
- Organizer, Keystone symposium 'Hybrid methods in structural biology', Tahoe, USA (2015)
- Organizer, MPI Symposium "Current advances in electron microscopy" (2015)
- Member, Otto-Bayer-Prize Award Committee, Bayer Science and Education Foundation (2015-)
- *Ad hoc* advisory board member, Friedrich Miescher Institute, Basel, Switzerland (2014)
- Member, review panel, Berlin Institutes of Health BIH (2013)
- Member, Council of the European Molecular Biology Laboratory (2012-2019)
- Tutor (Vertrauensdozent), Elite Academy of Bavaria (Eliteakademie Bayern, since 2012)

- Initiator and coordinator, Bavarian Research Center for Molecular Biosystems (since 2011)
- Member, Scientific Advisory Board of the Biochemistry Center Heidelberg (since 2011)
- Director, LMU Department of Biochemistry (since 2010)
- Member, editorial board of *Transcription* (since 2010)
- Member, "Zukunftsrat" of the Bavarian State Government (2010-2011)
- Organizer, EMBO conference on gene transcription in yeast, St. Feliu, Spain, 2010
- Member, Scientific Advisory Board, MPI for Developmental Biology, Tübingen (2009-2013)
- Member, editorial board of *The EMBO Journal* (since 2009)
- Representative for construction of Research Center for Molecular Biosystems (2009-2013)
- Member, selection committee for the Heinz-Maier-Leibniz-Prize (2008-2013)
- Member, Scientific-technological Council of the Bavarian State Government (2008-2009)
- Coordinator, Research grant network Sonderforschungsbereich SFB646 (2008-2013)
- Dean, School of Chemistry and Pharmacy of the LMU (2007-2009)
- Member, Research Board (Forschungsrat) of the LMU (2007-2012)
- Executive board member, "Center for Integrated Protein Science Munich" (CIPSM, 2006-2013)
- Director, Gene Center Munich (2004-2013)
- Board member, LMU School of Chemistry and Pharmacy (2002-2013)

### **Training and teaching activities**

- Initiated International Max Planck Research School for Genome Science in 2017
- 11 former group members obtained principal investigator positions in academia
- Recruited/mentored 5 junior group leaders in 2004-2013 who obtained professorships
- Supervised >20 Postdocs, >50 PhD students, >50 research students
- Hosted numerous research seminars and conferences in the life sciences
- Member of GGNB graduate programs, including 'IMPRS for Molecular Biology'
- Established course 'Master of Science in Biochemistry' at the LMU Munich in 2004
- Chair of the Examination Board of the LMU Master program in Biochemistry 2004-2006
- Undergraduate teaching since 2001 (lectures, practical courses, journal clubs)

### **Extramural funding**

- Obtained two Advanced Grants from the European Research Council ERC
- Acquired a total of Euro 33.4 Mio extramural funding in 2003-2012
- Present and past funding sources: DFG, ERC, Volkswagen Foundation, EU FP6 and FP7, EMBO, Marie-Curie Foundation, Boehringer Ingelheim Fonds, Engelhorn Foundation, Fonds der chemischen Industrie, Jung-Stiftung, Elitenetzwerk Bayern, Freistaat Bayern, Humboldt Foundation, Roche.
- Present and past memberships in extramural funding networks and training programs, including Cluster of Excellence 'Multiscale Bioimaging', IMPRS for Genome Science, SFB860 'Integrative structural biology of transient macromolecular assemblies', SPP2191 'Functional phase separation' - and previously SPP1935 'Deciphering the mRNP code', SFB646 'Networks in genome expression and maintenance', SFB960 'Ribosome biogenesis', Transregio 5 'Chromatin', Cluster of excellence 'Center for Integrated Protein Science Munich', Cluster of excellence 'Nanosystems Initiative Munich', Graduiertenkolleg 'Structural biology hybrid methods', 'Graduate school for Quantitative Biosciences Munich', IMPRS 'From Biology to Medicine'.