

# 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

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### 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	Predocctoral fellow with C.W. Müller

### Education

1998	EMBL and 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
1989-1991	Universität Stuttgart	Student of Chemistry

### Publications and dissemination

>180 Medline-listed publications, incl. >30 original papers in *Nature*, *Science* & *Cell*  
 >450 invited lectures and seminars, of which about 40% were abroad  
 30 Press releases and 8 other publications

### Awards and honours

2018 Craig Jordan Lectureship, University of Oxford, UK  
 Kjeldgard Lectureship, University of Aarhus, Denmark  
 Inaugural George William Jourdan Lectureship, University of Michigan, USA  
 2017 Elected Member, Academia Europaea  
 Weigle Lectureship, University of Geneva  
 Honorary Professor, Georg-August-Universität Göttingen  
 2016 Centenary Award, British Biochemical Society  
 Advanced Grant 'TRANSREGULON' of the European Research Council (ERC)  
 2015 Arthur-Burkhardt-Prize

- Sumner Lectureship, Cornell University, USA  
 Guest professor, Karolinska Institutet, Stockholm, Sweden
- 2012 Cross of Merit of the Federal Republic of Germany (Bundesverdienstkreuz)  
 Paula und Richard von Hertwig Prize  
 Vallee Foundation Visiting Professorship
- 2011 Feldberg Foundation Prize
- 2010 Member of the Max Planck Society  
 Advanced Grant 'TRANSIT' of the European Research Council (ERC)  
 Medal of Honour of the Robert Koch Institute
- 2009 Familie-Hansen-Prize of the Bayer Science & Education Foundation  
 Ernst-Jung-Prize for Medicine  
 Elected member of the European Molecular Biology Society (EMBO)  
 Member of the German National Academy of Sciences (Leopoldina)
- 2008 Member of the Center for Advanced Studies of the LMU  
 Bijvoet Medal of the University of Utrecht
- 2007 LMU*excellent* Research Professorship  
 Philip Morris Research Award  
 Member of the LMU Center for Advanced Studies
- 2006 Gottfried Wilhelm Leibniz Award of the Deutsche Forschungsgemeinschaft
- 2004 Eppendorf Award for Young European Investigators
- 2002 Glaxo-Smith-Kline Science Award for Basic Medical Research
- 2000 MSC Future Investigator Award  
 EMBO Young Investigator Award

### Professional service activities

- Co-organizer, Keystone Symposium "Gene regulation: From Mechanisms to Disease" (2020)
- Member, Scientific Advisory Board, Gulbenkian Institute of Science, Lisbon, Portugal (2020-)
- 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, Beijing Advanced Innovation Center for Structural Biology at 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-)
- 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-)
- Organizer, Cold Spring Harbour Meeting 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 (since 2012)
- 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 (since 2008)
- 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)
- Vice coordinator, Sonderforschungsbereich SFB646 (2005-2007)
- Member, Cluster of excellence "Nanosystems Initiative Munich" (NIM, 2006-2014)
- Director, Gene Center Munich (2004-2013)
- Member, Scientific Advisory Board of the Swiss Light Source (2004-2006)
- Board member, LMU Faculty of Chemistry and Pharmacy (2002-2013)
- Member of search committees at LMU, TUM and the Max-Planck Society (2001-)
- Referee for funding bodies including DFG, NSF, NIH, Wellcome Trust, EU, AvH, BIF etc.
- Referee for >20 scientific journals, including Science, Nature, Cell (2000-)

### **Training and teaching activities**

- Initiated International Max Planck Research School for Genome Science in 2017
- 10 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
- Member of various extramural funding networks and schools, including IMPRS for Genome Science, SFB860 'Integrative structural biology of transient macromolecular assemblies', SPP1935 'Deciphering the mRNP code', and previously 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'.
- Funding sources: DFG, ERC, Volkswagen Foundation, EU FP6 and FP7, EMBO, Marie-Curie Foundation, Boehringer Ingelheim Fonds, Fonds der chemischen Industrie, Jung-Stiftung, Elitenetzwerk Bayern, Freistaat Bayern, Humboldt Foundation, Roche.