

# Patrick Cramer

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

2022-	Director	Max Planck Institute for Multidisciplinary Sciences
2014-	Director	Max Planck Institute for Biophysical Chemistry
2004-2014	Professor of Biochemistry	Ludwig-Maximilians-Universität München
2001-2004	Tenure-track Professor	Ludwig-Maximilians-Universität München
1999-2001	Postdoctoral fellow with R.D. Kornberg	Stanford University, California, USA
1995-1998	Predocotrual fellow with C.W. Müller	EMBL, Grenoble, France

## Education

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

## Professional service

2022-	Managing Director	Max Planck Institute for Multidisciplinary Sciences
2021	Vice Managing Director	Max Planck Institute for Biophysical Chemistry
2020-	Chairman, Board of Trustees	Bayer Science and Education Foundation
2018-	Vice Spokesperson	Cluster of Excellence MBExC, Universität Göttingen
2018	Chair, Perspectives Commission	Biomedical Section of the Max Planck Society
2017-	Spokesperson	IMPRS for Genome Science Göttingen
2016-2019	Chair of Council	European Molecular Biology Laboratory (EMBL)
2016-	Chair, Scientific Advisory Board	Max Delbrück Center for Molecular Medicine, Berlin
2010-2013	Director, Department of Biochemistry	Ludwig-Maximilians-Universität München
2008-2013	Spokesperson	Sonderforschungsbereich SFB646, München
2007-2009	Dean, School of Chemistry & Pharmacy	Ludwig-Maximilians-Universität München
2004-2013	Director, Gene Center Munich	Ludwig-Maximilians-Universität München

## Prizes and awards

Gregori Aminoff Prize of the Royal Swedish Academy of Sciences (2022)  
 Louis Jeantet Prize for Medicine (2021)  
 Hector Science Award (2020)  
 Otto Warburg Medal (2020)  
 Ernst Schering Prize (2019)  
 Centenary Award, British Biochemical Society (2016)  
 Arthur Burkhardt Prize (2015)  
 Bundesverdienstkreuz (Cross of Merit of the Federal Republic of Germany) (2012)  
 Paula und Richard von Hertwig Prize (2012)  
 Feldberg Foundation Prize Lecturer (2011)  
 Medal of Honour (Ehrenmedaille), Robert Koch Institute, Berlin (2010)  
 Ernst Jung Prize for Medicine (2009)  
 Hansen Family Prize, Bayer Science and 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)  
Science Award of the GlaxoSmithKline Foundation (2002)  
Future Investigator Award of the Molecular Structure Corporation (2000)

### **Publications and outreach**

>250 Medline-listed scientific publications (for citations see Google Scholar profile)  
>500 Invited lectures and seminars, about 40% abroad  
>40 press releases  
Numerous public outreach activities (press, internet, social media, TV, radio)

### **Named lectures**

Max Birnstiel Lecture, Institute of Molecular Pathology, Vienna, Austria (2022)  
Jack Strominger Lecture, Harvard University, Cambridge, USA (2021)  
Jerry A. Weisbach Memorial Lecture, Rockefeller University, New York, USA (2020)  
Hilldale Lecture, University of Wisconsin, Madison, USA (2020)  
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)  
C.C.Tan Distinguished Lectureship, Fudan University, China (2014)  
Steinhofer Lecture, University of Freiburg, Germany (2007)

### **Other honours**

Elected International Member, National Academy of Sciences of the USA (2020)  
Advanced Investigator Grant, European Research Council ERC (2020, 2016, and 2011)  
Speaker of the year, Netherlands Society for Biochemistry and Molecular Biology (2019)  
Distinguished Lecturer, KAUST, Saudi Arabia (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)  
Elected member, Nationale Akademie der Wissenschaften Leopoldina (2009)  
Elected member, European Molecular Biology Organization EMBO (2009)  
Young Investigator, European Molecular Biology Organization EMBO (2000)

### **Other professional services**

Member, Scientific Advisory Board, Gulbenkian Institute of Science, Lisbon, Portugal (2020-)  
Member, Council, Arthur Burkhardt Foundation (2019-)  
Member, Advisory Board, Engelhorn Foundation (2018-)  
Member, Advisory Editorial Board, *Molecular Systems Biology* (2017-)  
Member, Scientific Advisory Board, Advanced Innovation Center for Structural Biology, Tsinghua University, Beijing, China (2017-2019)  
Editorial Board Member, *Cell* (2016-)  
Expert member for evaluation of Wellcome Trust Center for Cell Biology, UK (2016)  
Member, Board of reviewing editors, *eLife* (2015-2017)  
Member, Otto Bayer Prize Award Committee, Bayer Science and Education Foundation (2015-2019)  
Vice-Spokesperson, Göttingen Graduate School for Neurosciences, Biophysics & Molecular Biosciences (2016-)  
Member, review panel, Berlin Institutes of Health BIH (2013)  
Member, Council of the European Molecular Biology Laboratory EMBL (2012-2019)  
Tutor (Vertrauensdozent), Elite Academy of Bavaria (Eliteakademie Bayern) (2012-2014)  
Initiator, Bavarian Research Center for Molecular Biosystems (2011)  
Member, Scientific Advisory Board, Biochemistry Center of the Universität Heidelberg (2011-2015)  
Member, editorial board, *Transcription* (2010-)

Member, Scientific Advisory Board, Max Planck Institute for Developmental Biology, Tübingen (2009-2013)  
Member, editorial board, *The EMBO Journal* (2009-)  
Member, selection committee, Heinz Maier Leibnitz Prize of the Deutsche Forschungsgemeinschaft (2008-2013)  
Member, Wissenschaftlich-technischer Beirat, Bavarian State Government (2008-2009)  
Executive Board Member, Cluster of excellence 'Center for Integrated Protein Science Munich' (2007-2013)  
Member, Research Board (Forschungsrat), Ludwig-Maximilians-Universität München (2005-2013)

### **Conference organization**

Keystone Symposium 'Gene regulation: From Mechanisms to Disease', Keystone, USA (2020)  
EMBO/EMBL Symposium 'From Multiomics to Biological Insights', Heidelberg (2019)  
Cold Spring Harbour Conference 'Mechanisms of Eukaryotic Transcription', USA (2019, 2017, 2015)  
EMBO Conference on Chromatin and Epigenetics (2017)  
Max Planck Symposium 'Biological Networks', Berlin (2016)  
Keystone symposium 'Hybrid methods in structural biology', Tahoe, USA (2015)  
Conference 'Life?', Volkswagen Foundation, Hannover (2015)  
Leopoldina Workshop 'The Future of Structural Biology in Germany', Berlin (2015)  
EMBO conference on gene transcription in yeast, St. Feliu, Spain (2010)

### **Teaching, training and mentoring**

- 14 former group members obtained principal investigator positions in academia
- Supervised >30 postdoctoral fellows and >50 doctoral students
- Recruited and mentored 6 independent research group leaders since 2004
- Initiated International Max Planck Research School for Genome Science in Göttingen in 2017
- Hosted numerous research seminars and conferences in the life sciences
- Co-established 'Master of Science in Biochemistry' at Ludwig-Maximilians-Universität München (2004)
- Chair of the Examination Board of the LMU Master of Science in Biochemistry (2004-2006)
- Regular undergraduate and graduate teaching since 2001 (lectures, practical courses, journal clubs)
- Member in graduate training programs (International Max Planck Research Schools for Molecular Biology, Physics of Biological and Complex Systems, and for Genome Science, DFG-Graduiertenkolleg GRK1721 'Structural biology hybrid methods', 'Graduate school for Quantitative Biosciences Munich', International Max Planck Research School 'From Biology to Medicine')

### **Present and past extramural funding**

- Memberships in National Clusters of Excellence: 'Multiscale bioimaging of excitable cells' Göttingen, 'Center for Integrated Protein Science Munich', 'Nanosystems Initiative Munich'
- Memberships in Research Grant Networks of the Deutsche Forschungsgemeinschaft: SFB860 'Integrative structural biology of transient macromolecular assemblies', SFB646 'Networks in genome expression and maintenance', SFB960 'Ribosome biogenesis', Transregio 5 'Chromatin', SPP2191 'Functional phase separation', SPP1935 'Deciphering the mRNP code'
- Funding sources: European Research Council (ERC), Deutsche Forschungsgemeinschaft (DFG), Volkswagen Foundation, European Commission Framework programs FP6 and FP7, European Molecular Biology Organization (EMBO), Marie-Curie Foundation, Boehringer Ingelheim Fonds, Engelhorn Foundation, Human Frontier Science Program Foundation, Japan Society for the Promotion of Science, Uehara Memorial Foundation, Fonds der chemischen Industrie, Ernst Jung Foundation, Alexander-von-Humboldt Foundation, Elitenetzwerk Bayern, Roche Diagnostics.