

**Prof. Andrea Musacchio, PhD**  
**Director, Department of Mechanistic Cell Biology**  
**Max Planck Institute of Molecular Physiology, Dortmund, Germany**

**Curriculum vitae**

### Personal

Born in Rome, 11 July 1964

Married to Roberta Palumbo

Two kids: Edoardo (born 03/02/2006) and Tommaso (born 14/12/2008)

Italian citizenship

### Education

1985-90 Degree in Biology, University of Rome-Tor Vergata (summa cum laude), Rome (Italy). Advisor: Prof Giovanni Cesareni

1991-95 PhD in Biochemistry at EMBL-University of Heidelberg (summa cum laude), Heidelberg (Germany). Advisor: Dr Matti Saraste

### Postdoctoral

1995-98 Postdoctoral Fellow at Harvard Medical School, Boston (USA). Advisor: Prof Stephen C. Harrison

### Appointments

1999-03 Assistant Professor, Department of Experimental Oncology, European Institute of Oncology, Milan (Italy)

2003-06 Associate Professor, Department of Experimental Oncology, European Institute of Oncology, Milan (Italy)

2006-2011 Full Professor, Department of Experimental Oncology, European Institute of Oncology, Milan (Italy)

2011- Director, Department of Mechanistic Cell Biology, Max Planck Institute of Molecular Physiology, Dortmund (Germany)

### Honors

- Human Frontier Science Program postdoctoral fellow (1995-1997)
- American Cancer Society Senior postdoctoral fellow (1997-1998)
- Scholar of the Italian Foundation for Cancer Research (1999-2004)
- EMBO Young Investigator (2000-2004)
- Scientific Director of the Milan branch of SEMM (European School of Molecular Medicine) (2003-2006)
- Chiara D'Onofrio Prize (2006)
- Mendel Lecture 2008 (Brno, Czech Republic)
- 5<sup>th</sup> Randall lecture, King's College, London (2013)
- ERC Senior Investigator Grant Awardee with programs KINCON (2008-2013) and RECEPIANCE (2015-2020)
- EMBO Member (since 2009)
- Adjunct Professor, University of Duisburg-Essen (since 2012)

- Distinguished Lecture series, KAUST, Saudi Arabia (2017)
- The Drummond Lecture, Queen Mary University of London (2017)
- EMBL Distinguished Speaker Seminar, Heidelberg (2018)
- ~200 lectures at international meetings or at national or foreign scientific institutions (detailed list available upon request)
- Current or previous recipient of research grants of the Human Frontier Science Program, the European Commission Framework Programs (FP6, FP7, Horizon2020), the Association for International Cancer Research (AICR, UK), the Association for Cancer Research (AIRC, Italy), the Telethon Foundation (Italy), the Italian Ministry of Health (Programma Ricerca Finalizzata, Italy), the Cariplo Foundation (Italy), the National Research Council (CNR, Italy), the Deutsche Forschung Gemeinschaft (DFG, Germany).

### Community service

- *Ad hoc* reviewer for scientific journals and granting agencies, including among others, Cell, Molecular Cell, Developmental Cell, Nature Cell Biology, EMBO Journal, Current Biology, Journal of Cell Science, Journal of Cell Biology, Nature, EMBO Reports, Cancer Cell, Science
- Advisory Editor of *EMBO Journal* (2009-2011)
- Advisory Editor of *EMBO Reports* (2009-present)
- Associate Editor of *Chromosoma* (since 2006)
- Editorial Board member, *Cell Research* (since 2009)
- Editorial Board member, *Journal of Cell and Molecular Biology* (since 2009)
- Editorial Board member, *Current Biology* (since 2012)
- Advisory Board of *Biology Open* (since 2012)
- Editorial Board member, *Journal of Structural Biology* (2014-now)
- Member of the Board of Reviewing Editors (2015-2017) and Senior Editor of *eLife* (2017-now)
- Chair, LS1 Review Panel for ERC Starting Investigator Grants (2011-2017)
- EMBL's Scientific Advisory Committee member (SAC, 2011-2017)
- *Ad hoc* on-site reviewer for Cancer Research UK (London and Cambridge, UK)
- *Ad hoc* on-site reviewer for the LMB-MRC (Cambridge, UK)
- *Ad hoc* on-site reviewer for the Crick Institute (London, UK)
- Elected member of the Perspectives Committee of the Max Planck Society (2015)
- Member of the Scientific Advisory Committee of the Armenise-Harvard Foundation (2016-2018)
- Elected Chair (*Vorsitzender*) of the Biomedical Section (BMS) of the Max Planck Society for the 2020-2023 term (currently *Vertreter*)

### Organization of scientific meetings

- 5th International School on the Crystallography of Biological Macromolecules, May 13-17 (2001). Co-Organizer with Sue Bailey (Daresbury Laboratory) and Bauke Dijkstra (University of Groningen)
- First IFOM-IEO-Campus Meeting on Cancer, March 11-14 (2004), Milan, Italy (co-organizer with Kristian Helin and Marco Foiani)
- 106th International Titisee Conference: Reconstituting chromatin: from self-assembly to self-organization, October 10-14 (2012), Titisee (Germany), Chair (with Tom Muir, co-Chair)
- CNRS Jacques Monod Conference Cell division: from single molecule mechanics to multicellular organisms, September 5-9 (2012) Roscoff, France (co-organizer with Ariane Abrieu)

- The 4th EMBO Meeting, September 22-25 (2012), Nice, France (Chair of a Concurrent session on the microtubule cytoskeleton)
- EMBO Conference Series Microtubules: Structure, Regulation and Functions. May 28-31 (2014) EMBL Heidelberg, Germany (co-organizer with Marileen Dogterom and Carsten Janke)
- CNRS Jacques Monod Conference Cell cycle: bridging scales in cell division, October 11-15 (2014) Roscoff, France (co-organizer with Renata Basto)
- Chromatin Regulation in Proliferation and Differentiation (supported by the DFG graduate research training program (RTG1431), Sept. 2-4 (2015) Haus der Technik, Essen, Germany (co-organizer with Hemmo Meyer, Ralf Küppers, and George Iliakis)
- EMBO Symposium Microtubules: From Atoms to Complex Systems. May 29-June 1 (2016) EMBL Heidelberg, Germany (co-organizer with Marileen Dogterom, Carsten Janke, Michel Steinmetz)
- Annual Symposium of the Biomedical Section (BMS) of the Max Planck Society, October 19-20 (2016) Harnack Haus, Berlin (Co-organizer with Sara Wickström)

### Teaching

- "Protein structure and diffraction theory" for undergraduates, University of Milan (2005-6, a 30-hour course)
- Occasional teaching (average of 6-8 hours/year) by invitation for students of Master and PhD programs worldwide, including Milan, Porto, Hong Kong, Essen (yearly), Dortmund, and others
- Visiting Professor at University of Pavia, 12 hours course on the eukaryotic cell cycle (March-April 2017)
- Since 2014, Speaker of the International Max Planck Research School (IMPRS) in Chemical and Molecular Biology (PhD program of MPI Dortmund institute run in collaboration with Universities of Dortmund, Bochum, and Essen)