

Curriculum Vitae: Anthony A Hyman	
Position	Institute Director
Telephone	+49-351-210-1700
E mail	hyman@mpi-cbg.de
Website	https://hymanlab.org

Education:

1984	University College London	BSc first class Zoology
1988	King's College Cambridge	PhD Molecular Cell Biology

Professional Experience:

1985 - 1987	PhD at the LMB, MRC, Cambridge	Mentor John White.
1988 - 1992	Postdoctoral Research: UCSF, CA	Mentor Tim Mitchison.
1993 - 1997	Group Leader: EMBL, Heidelberg	
1997 -	Director, MPI-CBG Dresden	
2010 - 2013	Managing Director, MPI-CBG	
2021 - 2023	Managing Director, MPI-CBG	

Trainees

For details see https://hymanlab.org/hyman_lab/people/

Number of postdoctoral fellows trained: 46 (as of 2023)

Number of PhD students trained: 22 (as of 2023)

Honours and Awards:

2002	Honorary Professor TUD Dresden
2003	EMBO Gold Medal
2011	Gottfried Wilhelm Leibniz Prize
2017	Schleiden Medal, German National Academy of Sciences
2017	Lifetime Fellow of the American Society for Cell Biology
2019	Carl Zeiss prize for outstanding achievements in cell biology
2020	Wiley prize for Biomedical research
2020	NOMIS Distinguished Scientist Award
2021	Nakasone Award, HFSP
2022	Körper Prize, Köber-Stiftung Hamburg
2022	Hope Funds for Cancer Research Award for Basic Science
2023	Breakthrough Prize in life sciences

Academic societies

2000	EMBO member
2007	Elected fellow of the Royal Society UK.
2014	Elected member of Academia Europaea
2020	Elected International member US National Academy of Sciences
2021	Elected member of the German National Academy of Sciences, Leopoldina.
2023	Elected member of the Austrian Academy of Science.

Selected Professional Service and Advisory Boards:

2007 - 2016	<i>Chair</i> , SAB Institute of (IMBA), Vienna, Austria
2014 - 2020	<i>Chair</i> , SAB of the NNF Center for Protein Research, Denmark.
2014 - 2017	<i>Council Member</i> , American Society of Cell Biology (ASCB)
2014 - 2020	<i>Scientific Advisory Council</i> , EMBL Heidelberg.
2017 - 2020	<i>Chair</i> , Wellcome Trust Strategy committee.
2013 -	<i>Member</i> , Academic Research Council, Singapore

Selected meetings organized

2012	<i>Program Chair</i> , American Society of Cell Biology, Annual Meeting
2013	<i>Co-chair</i> . Annual meeting, European Molecular biology organization
2018	<i>Organizer</i> , Inaugural Keystone Symposium, Biomolecular Condensates
2018	<i>Co-Organizer</i> . Solvay conference on physics
2019	<i>Organizer</i> , inaugural EMBO practical course on phase separation
2024	<i>Chair</i> , 129 th International Titisee Conference on condensates in metabolism

Other activities

2007-2012	<i>Elected member</i> of foreigners' council, City of Dresden
2017-2020	<i>Advisory board</i> , Dresden city council, city of culture application
2005-2023	<i>Chair</i> , board of governors, Dresden International School

A full list of publications can be found in google scholar under: [Hyman, AA](#)

- 1) Hyman, A.A. and White, J.G. (1988) Determination of cell division axes in the early embryogenesis of *Caenorhabditis elegans*. *J. Cell Biol.* **105**: 2123-2135.
- 2) Gönczy P et al. (2000) Functional genomic analysis of cell division in *C.elegans* using RNAi of genes on chromosome III. *Nature* **408**(6810): 331-6.
- 3) Grill, S. et al (2001) Polarity controls forces governing asymmetric spindle positioning in the *Caenorhabditis elegans* embryo. *Nature* **409**(6820): 630-3.
- 4) Kinoshita K, et al (2001) Reconstitution of Physiological Microtubule Dynamics Using Purified Components. *Science* **294**: 1340-1343.
- 5) Brangwynne et al (2009). Germline P Granules Are Liquid Droplets That Localize by Controlled Dissolution/Condensation. *Science* **324**(5935); 1729-1732.

- 6) Brangwynne, CP et al; (2011). Active liquid-like behavior of nucleoli determines their size and shape in *Xenopus laevis* oocytes. PNAS 108(11): 4334-4339
- 7) Patel A et al (2015). A liquid to solid phase transition of the ALS protein FUS accelerated by disease mutation. Cell: 162(5):1066-77.
- 8) Patel A, et al (2017). ATP as a biological hydrotrope. Science 356(6339):753-756.
- 9) Woodruff JB et al (2017). The centrosome is a selective condensate that nucleates microtubules by concentrating tubulin. Cell. 169(6):1066-1077
- 10) Wang J et al (2019). A molecular grammar governing the driving forces for phase separation of prion-like RNA binding Cell, 174(3):688-69