

## Manuel THERY

Born in Paris, 21<sup>st</sup> of February 1978.

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- 98/2001 **Engineering school** : Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris (ESPCI), directed by Pierre Gilles De Gennes.
  - 2001/02 **Master Physics Biology Interfaces**,  
University Paris 7, Institut Pasteur.
  - 2002/05 **PhD**, University Paris7, UFR de Physique, Institut Curie, France.  
Supervised by Michel Bomens : Control of the polarity of adherent cells.
  - 2006/07 **Post-doctoral training**, CEA, iRTSV, Biochip Lab, Grenoble, France.  
Supervised by Alexandra Fuchs : Analysis of hematopoietic and mesenchymal stem cell growth.
  - 2008 **Recruitment as a permanent researcher at the Atomic Energy Research Center (CEA).**
  - 2010 **Founded the « CytoMorpho Lab »** with Laurent Blanchoin in the Life Science Department of the Atomic Energy Research Center (CEA), Grenoble, France.
  - 2011 **Hability to Direct Research** from the University of Grenoble.
  - 2014 **Set-up a second unit for the CytoMorpho Lab** at the Hopital Saint Louis (Paris).
  - 2021 **Appointed as Biophysics teacher** at ESPCI (Paris).
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### Awards

- Elected member of the EMBO (2019).
- Cancerology Prize, Simone et Cino del Duca foundation, Institut de France, 2016
- Young Researcher Prize of the Bettencourt-Schueller Foundation, 2014
- Young Researcher Prize of the Schlumberger Foundation, 2014
- Emergence Prize from the City of Paris, 2014
- Early Career Award of the American Society for Cell Biology (ASCB), 2014
- Gaston Rousseau Prize from the French Academy of Sciences, 2014
- Claude Paoletti Prize from the CNRS, 2012
- Young researcher award from the French society of Cell Biology, 2010.
- Young researcher award from the French society of Biophysics, 2008.
- Nine Choucroun prize from the IBPC (Institut de Biologie Physico-chimique), 2007.

### Major international fundings

- ERC Consolidator Grant, LS3, 2018-2023.
- ERC Proof of Concept, LS3, 2017-2019
- EMBO Young Investigator Program, 2014-2016
- ERC Starting Grant, LS3, 2013-2017
- HFSP Young Investigator 2012-2014

## Industry

- Collaboration with **CLARINS**, 2018-2021.
- Member of **ALVEOLE** scientific advisory board, 2017-2019.
- Member of **CYTOO** scientific advisory board with Michel Bornens and Lansing Taylor, 2013-2015.
- Foundation of **CYTOO** dedicated to micropatterned substrates fabrication for cell culture, 2007.

## Teaching

- Biophysics at the **ESPCI** (Paris), third year students (10h).
- Maturation toward scientific thinking, **CRI** (Paris), master 2 students (24h).
- Cellular self-organization, practical work, **Institut Pasteur**, master 2 students (10h).
- Cytoskeleton self-organization, for several masters: Molecular Biology of the Cell at **Institut Pasteur** (2h), Molecular and Cellular Biology at **Sorbonne University** (2h), Genetic and Cellular Biology at **University Lyon 1** (2h).
- Cell and Tissue microfabrication, for the master of Cell Therapy at **Hopital Bichat** (2h)

## Member of evaluation panels

- ERC Starting Grant panel member (LS3) (20XX-now)
- La Ligue contre le cancer (CEN1) (20XX-now)
- SAB Max Planck Institute Biochemistry (starting 2022)
- Plan Cancer (ITMO/INCa) (2017)
- ANR PNano (2008)
- Recruiting committee: ETH Zurich (2018)
- Thesis committee: 28 in France, 1 Korea, 1 Australia, 1 Singapore, 1 Netherlands, 1 Finland.
- HDR committee: 4 in France.

## Editorial board

- Associate Editor at **Molecular Biology of the Cell** (since 2015), the journal of the American Society of Cell Biology (ASCB).
- Member of the Editorial Board of the **Journal of Cell Science** (since 2017), run by the Company of Biologists, a not-for-profit charitable organisation, and of the journal **Cells and Development** (since 2020), run by the International Society of Developmental Biologists (ISDB)

## Reviewing activities

### Grants:

ERC Starter, ERC Consolidator, ERC Advanced, Human Frontier Science Program, Agence Nationale pour la Recherche (France), Deutsche Forschungsgemeinschaft (Germany), Swiss National Foundation (Switzerland), Austrian Academy of Science (Austria), Cancer Research (UK), Wellcome Trust (UK)

### Tenure promotions:

EPFL (Switzerland), MPI-CBG Dresden (Germany), IFOM (Italy), Vanderbilt Uni. (USA), NIH CCR (USA).

### Publications (>1):

Biophys J (16), MBoC (11), Nat Cell Biology (10), Nat Materials (8), Elife (8), J Cell Biol (8), J Cell Science (6), Nat Com (6), Scientific Report (6), PNAS (5), Cell Reports (4), Curr. Biol. (4), Lab On Chip (4), Plos One (4), Phys Rev Letter (4), EMBO J (3), Nat Physics (3), DevCell (3), Science (3), Nature (2), Nat BME (2), Nat Methods (2), Nat Nanotech (2), Development (2).

## Street art : the Living Architectures project

In parallel to teaching and research activities, Manuel set up a street art collaboration with plasticians, the group LAPS: <https://groupe-laps.org/projects/living-architectures/>

They display gigantic video-projections over entire buildings, in which cells move and change shape and internal architecture in response to structural elements of the building. This is not based on numerical effect deforming the cells but on genuine experiments during which cells were plated on miniaturized buildings and video-recorded for hours on a microscope.