



Curriculum Vitae Professor Dr. Tom Rapoport

Name: Tom Rapoport
Born: 17 June 1947
Family Status: Married, 3 children



Academic and Professional Career

since 1997 Investigator, Howard Hughes Medical Institute and Professor of Cell Biology, Harvard Medical School, USA

1995 - 1997 Professor of Cell Biology, Harvard Medical School, USA

1992 - 1995 Group Leader at the Max-Delbrück Center for Molecular Medicine, Germany

1985-1992 Professor of Cell Biology, Group Leader at the Institute for Molecular Biology

1977 Habilitation, Humboldt-University, Germany

1972 Ph.D. , Humboldt-University, Germany

Project coordination, Membership in collaborative research projects (Selection)

2010 Co-Organizer, Keystone Meeting on “Molecular Basis for Biological Membrane Organization and Dynamics” (meeting dates: January 10-15, 2010)

since 2009 HMS Council of Mentors

since 2007 PQE Steering Committee

since 2007 Standing Committee on Higher Degrees in Systems Biology

1997 - 1999 Vice Chair / Chair, Gordon Research Conference on Molecular Membrane Biology

1999 - 2002 NIH study section member

Honours and Awarded Memberships (Selection)

2011 Schleiden-Medaille from the Leopoldina Academy

2011 Milstein Lecturer at MRC Laboratory of Molecular Biology (LMB)

2010 Keith Porter Lecturer at the ASCB Meeting

2010 Van Deenen Medal

2010 Anatrache Membrane Protein Award

since 2009 Scientific Advisory Board of the Bioinformatics Institute (BII)

2009 - 2014 Distinguished Research Chair Professor in the Center for Biotechnology and the Center for Medical Excellence at National Taiwan University

2009 - 2014 Scientific Advisory Board of the MPI for Biophysics in Frankfurt, Germany

2009 Clifford Barger Excellence in Mentoring Award

2008 Scientific Advisory Board of the Dahlem Konferenzen, Freie University, Germany

2008 International Advisory Board of the Göttingen Graduate School for Neurosciences and Molecular Biosciences (GGNB) , Germany

2007 Fellow of the American Association for the Advancement of Science (AAAS)

2007 Sir Hans Krebs Medal recipient

2005 Max-Delbrueck Medal Recipient

2005 Member of the National Academy of Sciences, USA

2005 Member of the American Academy of Arts and Sciences

2004 Member of the German Academy of Sciences Leopoldina

- 2004 Otto-Warburg Prize
- 2004 Rudolf-Virchow-prize
- 2004 Johannes-Müller-prize of the Society for Experimental Medicine

Major Scientific Interests

Biological cells of higher organisms contain organelles that are separated from the cytosol by membranes. Each organelle has a characteristic shape and performs special functions that are carried out by different proteins. We are investigating how these organelles receive specific proteins, how they clear themselves of misfolded proteins, and how they achieve their different structures. This research has relevance for diseases in which organelles are incorrectly shaped or proteins are misdirected, misfolded, or degraded.