

## BIOGRAPHICAL SKETCH

### NAME

**MÜLLER-TRUTWIN Michaela**

### TITLE-POSITION

**PhD, Associate Professor at Institut Pasteur**  
**Group leader in the “Regulation of Retroviral infections” Unit**  
**Dean of the Pasteur - Paris University International PhD Program**  
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### ACADEMIC EDUCATION

INSTITUTION AND LOCATION	DEGREE	YEAR(S)	FIELD OF STUDY
University of Bonn, Germany	Master	1991	Biology
University of Paris 7, France	Ph.D.	1995	Virology
Institut Pasteur, Paris, France	Diploma	1997	Bio-informatics
University of Paris 7, France	HDR	2008	Science

### Positions and Employments

- 1991 : PhD fellowship from the German Agency for Scientific Exchanges
- 1992-1994 : PhD fellowship from the French Ministry for Foreign Affairs
- 1995-1996 : Post-doctoral fellowship from ANRS (French Agency for AIDS Research)
- 1997 : Post-doctoral fellowship from Sidaction
- 1998-2001 : Associate Researcher, Pasteur Institute, Paris
- since 2002 : Assistant Professor, Institut Pasteur, Paris
- since 2008 : Dean of the Pasteur-Paris University international PhD program
- since 2009 : Associate Professor, Institut Pasteur, Paris

### Other professional experiences

- 1986 : summer course, Stony Brook, New York
- 1987 : student, Institut Méditerranéen des Géosciences (IMG), Draguignan, France
- 1988 : Medical Institute for Microbiology and Immunology, Bonn, Germany
- 1989 : Undergraduate fellow, Institut Pasteur, Bangui, Central African Republic
- 1990 : Master fellow, Institut Pasteur, Bangui, Central African Republic
- 1992 : visiting student, IBMC, Strasbourg, France
- 1991-1995: PhD student, Unité de Biologie des Rétrovirus, Institut Pasteur, Paris  
 PhD student, Goethe University, Frankfurt, Germany,
- 1995-1997: Post-doc, Unité de Biologie des Rétrovirus, Institut Pasteur, Paris
- 2000: visiting scientist, International Center for Medical Research, Franceville, Gabon
- 2002: visiting scientist, Institut Pasteur, Dakar Senegal

### Memberships and administrative functions

- 2010 : Member of AERES Committee
- since 2007 : Member of the Scientific Evaluation Committee of the ANRS
- since 2007 : President of the working group “Primate models” of ANRS
- since 2006 : Co-chair of the ANRS concerted action (AC31) on “Innate immune responses”
- since 2006 : scientific expert for INSERM, ANRS, the Netherland AIDS Fonds, and others
- 2002-2003 : Junior Scientist Assistant of the Virology Department Director
- 2001-2002 : Member of the Committee for Evaluation of the Scientific Staff (COMESP), Institut Pasteur
- 2000-2001 : Representative of the Junior Scientists in the Virology Department Council
- 2000-2001 : Member of the «Emerging diseases» Committee from the French Society of Primatology (SFDP)
- since 2002 : Editorial Board Member of the *Current HIV Research* Journal
- since 1998 : Lab Correspondent for informatics
- 1985-91 : Participant of the German National Program for highly gifted students

## Honors and Awards

- 1985 : German National Award for Foreign Languages  
1997 : Award at the *2nd Eur. Conf. Exp. AIDS Research*, Stockholm, Sweden  
2001 : Award from the French Society of Primatology

## Organization of seminars and conferences

- 2006,2008,2010 Co-organizer of the Conference "HIV/AIDS physiopathology: from bench to patient"  
2009 Scientific Committee member of the International AIDS Vaccine Conference  
2002-2007 Co-founder and co-organizer of the HIV/AIDS round tables (GRS) at Institut Pasteur  
2003 Co-founder of the Virology Club at Institut Pasteur  
2001 Organization of the 8th International HIV Dynamics and Evolution Meeting  
since 1995 > 10 seminars on HIV/AIDS for public, schools, delegations and donators visiting IP
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## Teaching activities

- 1987 - 1988 : Institute of Genetics, University of Bonn, Germany  
1992 : Medical Virology Course, Institut Pasteur, Paris, France  
2006 : Courses for Medical Doctors on HIV diversity and origin (Bern, Lausanne, Zürich, Basel)  
since 2000 : member of PhD Committees  
since 2000 : Course on Fondamental Virology, Institut Pasteur, University Paris 6 and 7  
since 2001 : Course on Interactions between pathogenic agents and hosts, University of Versailles  
since 2002 : Tutor of PhD students at Institut Pasteur and for University (ED 419)  
since 2004 : Course on Systematic Virology, Institut Pasteur, University Paris 6 and 7  
since 2009 : Course on SIV for medical students, University Paris V

## Other interests

Member of the Administrative Board of the NGO: "Amazones de Paouignan"

## Five selected publications (selected among 50 peer-reviewed articles)

- F. Simon, P. Maucière, P. Roques, I. Loussert-Ajaka, M. C. Müller-Trutwin, S. Saragosti, M.-C. Georges-Courbot, F. Barré-Sinoussi & F. Brun-Vézinet. Identification of a new human immunodeficiency virus type 1 distinct from group M and group O. **Nature Med.**, 1998, 4, 1032-1037.
- Kornfeld C, Ploquin MJ, Pandrea I, Faye A, Onanga R, Apetrei C, Poaty-Mavoungou V, Rouquet P, Estaquier J, Mortara L, Desoutter JF, Butor C, Le Grand R, Roques P, Simon F, Barre-Sinoussi F, Diop OM, Müller-Trutwin MC. Anti-inflammatory profiles during primary SIV infection in African green monkeys are associated with protection against AIDS. **J. Clin. Invest.** 2005. 115 (4): 1082-1091
- Schindler M, Münch J, Kutsch O, Li H, Santiago ML, Bibollet-Ruche F, Müller-Trutwin MC, Novembre F, Peeters M, Bailes L, Roques P, Courgnaud C, Silvestri G, Hahn B & Kirchhoff F, 2006. Nef of HIV-2 and SIV, but not of HIV-1, downregulate CD3 and mediate suppression of T cell activation. **Cell**, 2006;125(6):1055-67.
- Jacquelin B, V. Mayau, G. Brysbaert, B. Regnault, OM Diop, F. Arenzana-Seisdedos, L. Rogge, J.Y. Coppee, F. Barré-Sinoussi, A. Benecke & M.C. Müller-Trutwin. Long Oligonucleotide Microarrays for African Green Monkey Gene Expression Profile Analysis. **The FASEB Journal**. 2007.
- Jacquelin B., Mayau V, Targat B, Liovat AS, Kunkel D, Petitjean G, Dillies MA, Roques P, Butor C, Giavedoni LD, Lebon P, Barré-Sinoussi F, Benecke A & Müller-Trutwin M. Strong but Rapidly Controlled Interferon Type I Response in Nonpathogenic SIV Infection of African Green Monkeys. **J. Clin. Invest.** 2009; 119(12):3544-55.