

## BIOGRAPHICAL SKETCH

### NAME

**MENU Elisabeth**

### POSITION TITLE

**PhD, Associate professor INSERM, team leader IP,  
-Virology Department, Institut Pasteur, Paris, France  
-Center for immunology of viral infections and autoimmune diseases, CEA,  
Université Paris Sud, Inserm U 1184**



### EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Paris Academy, France	Baccalaureate	1981	Sciences
University of Paris 6, France	Master degree	1986	Biology
Institut Pasteur, Paris, France	Certificate	1988	Immunology
University of Paris 6, France	Ph.D.	1990	Reproductive Immunology
University of Paris 6, France	Post-Ph.D. degree (HDR)	1998	Virology

### A. POSITIONS AND HONORS

#### Positions and Employment

1987-1990:	Ph.D Student, INSERM U162, Paris France
1990:	Scientific visitor at the National Institute of Immunology, New Dehli, India.
1991-1993:	Post-doctoral fellow at the Dana Farber Cancer Institute/Harvard Medical School, Pediatric Oncology Department, Boston, USA.
1994-1998:	Post-doctoral fellow at the INSERM U131, Hôpital A. Bécélère, Clamart, France and at the Biology of Retrovirus Unit, Institut Pasteur, Paris, France.
1998-2004:	Assistant Professor class I-INSERM- INSERM U131, Clamart, France and Institut Pasteur, Retrovirus Biology Unit, Paris, France.
2004-2010:	Assistant Professor class I-INSERM- Institut Pasteur, Regulation of Retroviral Infections Unit (ex Retrovirus Biology Unit), Paris, France
2010-2014:	Associate Professor (DR2)-INSERM- Institut Pasteur, Regulation of Retroviral Infection Unit, Paris
2015-until now:	Team leader-Institut Pasteur- ViroI- ImVA, CEA, Paris Sud University, INSERM U1184

#### Other Experience and Professional Memberships

1994-1999:	Member of the European network (BIOMED2) on the "study of <i>in utero</i> transmission of HIV-1"
1996-1998:	Member of the ANRS Concerted Action n°11 : "HIV-1 variability survey"
1996-1998:	Member of the Pasteur Institute Concerted Action (ACIP) on preferential transmission of HIV-1 subtypes
1999 until now:	Referee for International Journals (AIDS Research and Human Retroviruses, Clinical Experimental Immunology, Journal of Infectious Diseases, J.AIDS, Acta Paediatrica, Placenta, Retrovirology, Journal of Virology, PLoSOne...)
2000-2005:	Member of the ALPS ADRIA Society for Immunology of Reproduction
2002-2006:	Member of the ANRS working group "Alternative technics in Virology"
2002-2009:	Member of the ANRS working group « Determinants of HIV-1 MTCT by breastfeeding »
2002-2003:	Co-organizer of the first international workshop on HIV PMTCT, Kasane, Botswana
2003-2005:	Co-coordinator of an International Network of Integrated Research on HIV-1 PMTCT
2003-2005:	Member of the editorial board of the American Journal for Reproductive Immunology
2004-2006:	Co-organizer of the annual Virology department meeting, Institut Pasteur, Paris
2004-2006:	Correspondent for the Virology department to the International Affair direction, Institut Pasteur, Paris
2005-2010:	Member of the ANRS scientific committee n°6 "Research in Developing countries".
2005 until now:	Jury member for PhD thesis and HDR
2006 until now:	Member of the ANRS concerted action n°31 "Innate immune responses"
2006-2010:	Member of the Local Organizing Committee of the Dominique Dormont International Conference
2007:	Chair of the Dominique Dormont International Conference 2007

2007-2010:	Member of the International Society for Immunology of Reproduction
2007-2014:	Member of the ANRS working group "Mother and Child-North/South" (AC12)
2007-2012:	Member of the Jury "HIV/AIDS Medical Research" of the Fondation de France
2007 until now:	Member of the Clinical Research Committee (CoRC), Institut Pasteur
2009:	Expert for the Appel d'offre Emergences Pierre et Marie Curie University, Paris
2010-2014:	Member of the Evaluation Committee of the scientific activities of the institute staff, Institut Pasteur
2011:	Member of the Jury for MCF position, Rennes I University
2011:	Member of the organizing committee for the international UNICEF conference on HIV-1 MTCT elimination
2011 until now:	Member of the Data Safety Monitoring Board of the MONOD ANRS 12206 trial
2011 until now:	Member of the Vaccine Research Institute
2013:	Expert for PhD fellowship attribution for the AIRD
2013-2014:	President of the AERES committee for the evaluation of the CRIC, Montpellier
2014:	Reviewer for a special supplement of « Journal of Infectious Diseases » on Cell-associated HIV transmission across mucosal surfaces".

### Research management and supervision

1999 until now:	Thesis director or co-director of 5 PhD students, scientific supervisor or co-supervisor of 8 post-doctorant fellows, 1 engineer and 2 technicians
2000-until now:	Team leader in the Regulation of Retroviral Infections Unit, Institut Pasteur, Paris
2001-2003:	Principal investigator of the project: <i>Establishment of an in vitro histoculture system to study the control of in utero mother-to-child transmission by the placental environment</i> (Sidaction)
2002-2006:	Principal investigator of the project: <i>Effect of antiretroviral therapies for HIV-1 mother-to-child transmission prevention on the placental environment</i> (ANRS 1267)
2004-2006:	Principal investigator of the project: <i>Futures strategies for the prevention of mother-to-child transmission : Evaluation of HIV-1 fusion and entry inhibitors by using in vitro placental models</i> (Sidaction)
2005-2007:	Co-investigator of the project: <i>Mechanisms of HIV-1 replication restriction in human cells</i> (ANRS)
2006-2008:	Principal investigator of the project: <i>Role of maternal innate immunity in the control of in utero mother-to-child transmission: Pilot study</i> (Sidaction)
2008-2010:	Principal investigator of the project: <i>Role of NK cells at the materno-fetal interface in the HIV-1 infection</i> (ANRS)
2009:	Principal investigator of the project: <i>TNF-<math>\alpha</math> in response to a Plasmodium falciparum antigen: its role in the HIV-1 replication in placental cells</i> (Sidaction)
2010-2012:	Principal investigator of the project: <i>Key players of the innate immunity in the control of HIV-1 infection within the human decidua: bidirectional crosstalk between dAPCs and dNK cells</i> (Sidaction + ANRS)
2011-2012:	Principal investigator of the project: <i>Innate immunity of the female reproductive tract and HIV-1 transmission : feasibility study</i> (ANRS)
2012-2014:	Principal investigator of the project: <i>Mechanisms of control of HIV-1 infection of APC by NK cells in a mucosa: the human decidua</i> (ANRS)
2013-2015:	Principal investigator of the project: <i>Role of Toll-Like-Receptor activation in the regulation of HIV-1 infection in the female reproductive tract- FEMINIVI study</i> (ANRS)
2014-2015:	Principal investigator of the project: <i>Impact of multiple inoculations of HIV infected seminal plasma on the immune responses in MVA-HIV vaccinated female macaques- MISS-1 study</i> (Vaccine Research Institute)
2015-2016:	Principal investigator of the project: <i>Role of Toll-Like-Receptor activation in the regulation of HIV-1 infection in the female reproductive tract- FEMINIVI study</i> (Sidaction)

### Teaching and training activities

1988 until now:	Contributions to instruction and training of more than 35 students, researchers and technicians
1996 until now:	Courses to students in molecular biology, virology, human beings and applies ethics

## B.SCIENTIFIC PRODUCTION

1988 until now:	55 scientific papers published in peer-review International Journals 57 articles published in Scientific Books More than 170 abstracts presented in International Scientific Meetings
1999 until now:	More than 30 oral presentations as invited speaker to international conferences or seminars