

BIOGRAPHICAL SKETCH, February 2009

NAME

BARRE-SINOUSI Françoise

POSITION TITLE

**PhD, Director of the "Regulation of Retroviral infections" Unit,
Virology Department, Institut Pasteur, France**



EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
High school, Paris, France	Baccalaureate	1968	Sciences
Paris University of Sciences, France	Master degree	1968-1972	Biochemistry
Institut Pasteur and University of Sciences, Paris, France	Ph.D.	1972-1975	Virology
NIH-NCI, Bethesda, USA	Postdoc.	1975-1976	Retrovirology

A. POSITIONS AND HONORS

Positions and Employment

1971-1975:	Ph.D. Student, Institut Pasteur, Garches (France)
1975-1976:	Postdoctoral fellows of the National Science Foundation, NIH-NCI, Bethesda, USA
1975-1980:	Research assistant from INSERM, Institut Pasteur, Paris (France)
1980-1986:	Assistant professor from INSERM, Institut Pasteur, Paris (France)
1986 to present:	Research director from INSERM, Institut Pasteur, Paris (France)
1986-1991:	Head of the Retrovirus Biology Laboratory, Institut Pasteur, Paris (France)
1992 -1996:	Head of the Retrovirus Biology Unit, Institut Pasteur, Paris, France
1996 to present:	Professor, Head of the Retrovirus Biology Unit, now named "Regulation of Retroviral Infections", Institut Pasteur, Paris, France
2001 to 2005:	Deputy Director to the Scientific Affairs of the International Network of Institut Pasteur

Other Experience and Professional Memberships

1978-1982:	Assistant Director of the Virology Department at Pasteur Institute, Paris (France)
1987-1990:	Member of Scientific Committee of the French Institute of Health and Medical Research (INSERM)
1989-1991:	Member of the Virology Committee of the French Agency for AIDS Research (ANRS)
1992 to present:	Member of the Medical Society of Paris's Hospital (France)
1993 to present:	Member of the American Society for Microbiology (USA)
1993-1996:	President of the Virology Committee ?1 of the French Agency for AIDS Research (ANRS)
1993-1998:	Member of Scientific Council of International Center Medical Research (Franceville, Gabon)
1993 -2001:	Consultant of the French Agency of Blood (AFS) Paris (France)
1993 to present:	Member of the French Society of Microbiology, Paris (France)
1994-1996:	Assistant Director of the Virology Department, Pasteur Institute, Paris (France)
1995-1999:	Member of the International Advisory Board, Istituto di Recovero E Cura A Carattere Scientifico, Milan (Italy)
1996-2001:	Member of the Coordinated Action " Vaccine " of the French Agency on the AIDS Research (ANRS), Paris (France)
1996-2001:	Member of the New Vaccine Advisory Committee of UNAIDS, Geneva (Switzerland)
1998 -2000:	Member of the Scientific Commission at Pasteur Institute, Paris (France)
1998 to present:	Member of the Board of the World Foundation AIDS, Paris (France)
1999 -2001:	President of the HIV Vaccine Programme of the National Agency for AIDS Research (ANRS), Paris (France)
1999 to present:	Member of the AIDS Research in developing countries Committee of the National Agency for AIDS Research (ANRS), Paris (France)
2000 -2001	Member and Secretary of Administrative Board of the Institut Pasteur, Paris
2001- 2004	Member of the Executive Committee of the Institut Pasteur, Paris
2001- 2005:	Deputy Director to the Scientific Affairs of the International Network of Institut Pasteur
2001 to present:	Emeritus member of the International AIDS Society (IAS)
2003 to present:	Vice-president of the International Scientific Advisory Board of the National Agency for AIDS Research (ANRS), Paris (France)
2003 to present:	Member of the Administrative Board of the National Agency for AIDS Research (ANRS), Paris (France)
2005 to present:	Scientific adviser of a partnership program between the Institut Pasteur and TOTAL SA.

2005 to present:	Member of the Administrative Board of a French National NGO, similar of AmFAR, named SIDACTION.
2006 to present:	Member of the Governing Council of the International AIDS Society
2006 to present:	Member of the French-Spanish Forum of initiatives (nominated by the French President, M. Jacques CHIRAC
2007 to present:	Co-Chair of the ethical committee of the Institut Pasteur

Honors and Awards

1985	Galien Prize for the Viral Oncology Unit of the Pasteur Institute (France)
1985	Sovac Prize for the Viral Oncology Unit of the Pasteur Institute (France)
1986	Förderpreis für die Europäische Wissenschaft, (Körber Stiftung) (Germany)
1988	Award of the French Academy of Medicine (France)
1990	Chevalier of Order of Merit (France)
1991	Prize "Madame Europe Club V.R.A.I." (France)
1993	King Faisal International Prize of Medicine (Acquired Immunodeficiency Diseases) (Saudi Arabia)
1993	Prize Medicine and Research of the Institute of Sciences of the Health, Paris (France)
1996	Chevalier of the Legion of Honour (France)
2001	Emeritus award of the International AIDS Society (IAS)
2002	Officer of Order of Merit (France)
2003	ARRI award in Biomedical Sciences
2006	Officer of the Legion of Honour (France)
2007	Women in Technology International (WITI) Hall of Fame recipient
2008	Honorary Doctorate of Medicine of Tulane University
2008	Nobel Prize of Medicine
2009	Member of the Academy of Sciences
2009	Commandeur of the Legion of Honour (France)

B. FIVE SELECTED PEER-REVIEWED PUBLICATIONS

(SELECTED AMONG MORE THAN 225 PEER-REVIEWED PUBLICATIONS)

1. **BARRÉ-SINOUISSI F.**, CHERMANN J.-C., REY F., NUGEYRE M.-T., CHAMARET S., GRUEST J., DAUGUET C., AXLER-BLIN C., BRUN-VEZINET F., ROUZIOUX C., ROZENBAUM W. & MONTAGNIER L. Isolation of a T-lymphotropic retrovirus from a patient at risk for acquired immune deficiency syndrome (AIDS).
Science, 1983, **220**, 868-871.
2. F. SIMON, Ph. MAUCLERE, P. ROQUES, I. LOUSSERT-AJAKA, M.C. MÜLLER-TRUTWIN, S. SARAGOSTI, M.-C. GEORGES-COURBOT, **F. BARRÉ-SINOUISSI** & 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.
3. D. SCOTT-ALGARA, LX. TRUONG, P. VERSMISSE, A. DAVID, T.T. LUONG, N.V. NGUYEN, I. THEODOROU, **F. BARRE-SINOUISSI** & G. PANCINO. Increased NK Cell Activity in HIV-1 Exposed but Uninfected Vietnamese Intravascular Drug users
J. Immunology 2003, **171** :5663-5667
4. 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-SINOUISSI F**, DIOP OM, MULLER-TRUTWIN MC. Antiinflammatory profiles during primary SIV infection in African green monkeys are associated with protection against AIDS.
J. Clin. Invest. 2005. **115** (4): 1082-1091
5. BEQ S., NUGEYRE M.-T., HO TSONG FANG R., GAUTIER D., LEGRAND R., SCHMITT N., ESTAQUIER J., **BARRÉ-SINOUISSI F.**, HURTREL B., CHEYNIER R. AND ISRAËL N. IL-7 Induces Immunological Improvement in SIV-Infected Rhesus Macaques under Antiviral Therapy.
J. Immunol. 2006 ; **176** : 914-922.

C. SUMMARY OF SCIENTIFIC ACHIEVEMENTS (1971-2007)

Françoise BARRÉ-SINOUISSI, PhD, is the acting Director of the "Regulation of Retroviral Infections" Unit, at the Institut Pasteur in Paris. She is involved in retrovirology research, since the early 1970's. She is recognized for her contributions to HIV/AIDS research, in particular as the first author of the publication that reported in 1983 the discovery of a retrovirus, later named HIV, in a patient at risk for AIDS. In 1988, she became responsible of her own laboratory at the Institut Pasteur and initiated research programs on viral and host determinants of HIV / AIDS pathogenesis.

Between 1988 and 1998, she has also been implicated in collaborative programs on HIV vaccine research, using primate models. Today, the research programs of her team are focused on regulations of HIV / SIV infection (intracellular restrictions of HIV-1 infection and innate immunity, in particular regulations of T cell activation resulting from the NK-dendritic cell interplay).

Françoise BARRÉ-SINOUISSI is author and co-author of more than 220 original publications and of more than 120 articles in book reviews. She has been invited as a speaker more than 250 International meetings and/or conferences. She has been (and is still) member of a number of scientific committees in France and elsewhere, including scientific committees of several International AIDS Conferences. She also received 10 national or international awards for her contributions to HIV/AIDS.

Along with her research activities, Françoise BARRÉ-SINOUISSI has been strongly implicated in promoting integration between HIV/AIDS research and actions in resource limited countries, in particular through the Institut Pasteur International Network and the coordination of the ANRS research programs in Cambodia and Vietnam, according to her strong commitment in building capacity, training and technology transfers on site in Africa and Asia, since the early 80s.