

**NAME****Céline DIDIER****POSITION TITLE**

**Research Technician in the "Regulation of Retroviral Infections" lab.**  
 Virology Department, Institut Pasteur, France

**EDUCATION/TRAINING**

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Ecole de Biologie Industrielle Sainte Jeanne Elisabeth, Paris (France)	Bachelor	2003	Molecular Biology
High school Edgar Quinet, Paris (France)	BTS	2000-2002	Biochemistry
	Baccalaureate	1999	Sciences

**A. POSITIONS AND HONORS:****Experiences / Positions :**

2015	Research Technician, G5 Mécanisme de l'hérédité épigénétique (G. Cecere), Institut Pasteur, Paris, France	Cecere Lab
2004 to 2015	Research Technician, Unité Régulations des Infections Rétrovirales (F. Barre-Sinoussi), Institut Pasteur, Paris, France	Scott-Algara Lab
2003-2004	Research Technician, Inserm U567 (A. Kahn) Institut Cochin, Paris, France	Alizon Lab
Apr.-Sept. 2003	Internship, Inserm U567 (A. Kahn) Institut Cochin, Paris, France	Chiocchia Lab
Fev.-July 2002	Internship, Inserm U430 (M. Kazatchkine) Hôpital Européen Georges Pompidou, Paris, France	Fridman Lab
June-Aug. 2001	Internship, Inserm U25 (J-F. Bach) Hôpital Necker enfants malades	Alyanakian Lab

**Other experiences :**

Feb 2010	Mission for the «Centre Pasteur du Cameroun» (Setup of a flow-cytometry core)
Regularly	Volunteer for the "PasteurDon" activities

**B. PUBLICATIONS:**

- MF. Chevalier, **C. Didier**, G. Petitjean, M. Karmochkine, PM Girard, F. Barre-Sinoussi, D. Scott-Algara, L. Weiss  
 Phenotype alterations in regulatory T cells subsets in primary HIV infection and identification of Tr1-like cells as the main IL-10-producing CD4 T cells  
**J Infect Dis.** 2014 Oct 3. Pii :ju549
- JS. Cummings, UY Moreno-Nieves, V. Arnold, A. Gilbert, K. Yarbrough, **C. Didier**, Y. Levy, F. Barre-Sinoussi, D. Scott-Algara  
 Natural Killer cell responses to Dendritic Cells infected by the ANRS HIV-1 vaccine candidate, MVAHIV  
**Vaccin**, 2014 Sep 29 ;32(43) :5577-84
- L. Weiss, MF. Chevalier, L. Assoumoue, **C. Didier**, PM. Girard, C. Piketty, D. Costagliolae, C. Rouzioux, the ANRS 116 SALTO Study Group  
 T-cell activation positively correlates with cell-associated HIV-DNA level in viremic patients with primary or chronic HIV-1 infection  
**AIDS** 2014, Jul 17;28(11):1683-7
- UY. Moreno-Nieves, **C. Didier**, Y. Lévy, F. Barré-Sinoussi, D. Scott-Algara and ANRS HIV Vaccine Network (AHVN)  
 NK cells are primed by ANRS MVA<sub>HIV</sub>-infected DCs, via a mechanism involving NKG2D and IL-15, to efficiently control HIV-1 infection in CD4<sup>+</sup> T cells  
**Eur J Immunol.** 2014 Apr 28. doi: 10.1002/eji.201344149
- S. Blanche, D. Scott-Algara, J. Le Chenadec, **C. Didier**, T. Montange, V. Avettand-Fenoel, C. Rouzioux, JP. Viard, C. Dollfus, N. Nouallag, J. Warszawski, F. Buseyne  
 HIV disease history, naive T lymphocytes and recent thymic emigrants in adolescent and young adults infected by HIV in the perinatal period : the ANRS-EP38-IMMIP study  
**Clin Infect Dis.** 2013 Nov 18 ; 58(4):573-87.
- V. Arnold, JS. Cummings, UY. Moreno-Nieves, **C. Didier**, A. Gilbert, F. Barre-Sinoussi, D. Scott-Algara  
 S100A9 protein is a novel ligand for the CD85j receptor and its interaction is implicated in the control of HIV-1 replication by NK cells  
**Retrovirology.** 2013 Oct 24;10(1):122.

- MF. Chevalier, G. Petitjean, C. Dunyach-Rémy, PM. Girard, **C. Didier**, ME. Manea, P. Campa, L. Meyer, C. Rouzioux, JP. Lavigne, F. Barré-Sinoussi, D. Scott-Algara, L. Weiss  
TH17/Treg ratio, IL1RA and sCD14 levels in primary HIV infection predict the T cell activation set point in the absence of systemic microbial translocation  
**Plos Pathogens. 2013 June 9; 6:e1003453.**
- G. Petitjean, MF. Chevalier, F. Tibaoui, **C. Didier**, ME. Manea, AS. Liovat, P. Campa, M. Müller-Trutwin, PM. Girard, L. Meyer, F. Barré-Sinoussi, D. Scott-Algara, L. Weiss  
Level of double negative T cells, which produce TGF- $\beta$  and IL-10, predicts CD8 T-cell activation in primary HIV-1 infection.  
**AIDS. 2011 Oct 29. PMID: 22045342**
- L. Weiss, C. Piketty, L. Assoumou, **C. Didier**, L. Caccavelli, V. Donkova-Petrini, Y. Levy, PM. Girard, M. Burgard, JP. Viard, C. Rouzioux, D. Costagliola; ANRS 116 SALTO study group.  
Relationship between regulatory T cells and immune activation in human immunodeficiency virus-infected patients interrupting antiretroviral therapy.  
**PLoS One. 2010 Jul 21;5(7):e11659.**
- D. Scott-Algara, C. Rouzioux, D, S. Blanche, Burgard, **C. Didier**, Y. Rivière and F. Buseyne  
In untreated HIV-1-infected children, PBMC-associated HIV DNA levels and cell free HIV RNA levels are correlated to distinct T lymphocyte populations.  
**J Acquir Immune Defic Syndr. 2010 Apr;53(5):553-63.**
- D. Scott-Algara, K. Balabanian, LA. Chakrabarti, L. Mouthon, F. Dromer, **C. Didier**, F. Arenzana-Seisdedos, O. Lortholary  
Idiopathic CD4+ T-cell lymphocytopenia is associated with impaired membrane expression of the chemokine receptor CXCR4.  
**Blood. 2010 May 6;115(18):3708-17. Epub 2009 Dec 28.**
- D. Scott-Algara, V. Arnold, **C. Didier**, T. Kattan, G. Pirozzi, F. Barre-Sinoussi, G. Pancino  
The CD85j+ NK cell subset potently controls HIV-1 replication in autologous dendritic cells.  
**PLoS One. 2008 Apr 9;3(4):e1975.**