

Pr. Franck FIESCHI, 46 years, married, 3 children

Université de Grenoble Alpes, France

Institut de Biologie Structurale, 71 Avenue des Martyrs, 38044 Grenoble cedex 9.

Email : franck.fieschi@ibs.fr



University education

- 2005 **Habilitation à Diriger des Recherches (HDR)** – Univ. Joseph Fourier, Grenoble.
- 1996 **PhD in Molecular and Cellular Biology** – Univ. Joseph Fourier, Grenoble.
- 1993 **Master in Molecular and Cellular Biology** – Univ. Joseph Fourier, Grenoble.
- 1990 **Licence In Biochemistry**- Université Paris Sud, Orsay.

Scientific Career and awards

- 2010 **Nominated at the Institut Universitaire de France.**
- 2007 **Professor in Biochemistry and Structural Biology** at Joseph Fourier University, Grenoble.
Head of Membrane & Immunity Team in the Structural Biology Institute (IBS).
- 1998-2007 **Assistant Professor in Pr. Eva Pebay-Peyroula** group in IBS, Univ. Joseph Fourier - Grenoble.
- 1997 **Post-doctoral fellow in Pr. Britt-Marie Sjöberg** laboratory- Stockholm University - Sweden.
- 1993-1996 **PhD in Pr. Marc Fontecave** laboratory – Univ. Joseph Fourier, Grenoble

Scientific Interests

Host-Virus Interaction, Defence mechanism : Structural and functional characterisation of membrane proteins of the immune system.

The immune system involves numerous cell-cell interactions, host-pathogens interactions, and cellular activations to initiate the immune response. It requires a broad battery of membrane proteins specific of each cellular type. Their major importance in human health and their membranous nature, position these proteins as challenging objects for basic research as well as for applied medical research. As biochemists, with strong interfaces with physics and chemistry, we work on projects linked to membrane proteins of the immune system.

Innate Immunity : 1) The NADPH oxidase complex of the neutrophil

Host Pathogen interaction: 2) C-type Lectin Receptors of dendritic cells.

Summary of the scientific production (01/2014)

55 Publications in peer-reviewed journals, 2 Patents

h-index : 28 ; Total citations : 3035 ; Average citations per Item : 55,2 (google scholar)

10 Selected papers since 2010 with year of publication IF (amongst 27 published within this period).

- Muñoz-García JC, Chabrol E, Vives RR, Thomas A, de Paz JL, Rojo J, Imberty A, Fieschi F, Nieto PM, Angulo J. (2015) *J. Am. Chem. Soc.* 137(12), 4100-4110. **IF: 11.44**
- Chabrol, E., Thépaut, M, Dezutter-Dambuyant, C, Vivès, C, Marcoux, J, Kahn, R, Valladeau-Guilemond, J, Vachette, P, Durand, D, and Fieschi, F. (2015) *Biophys J*, 108, 666-677. **IF: 3.83**
- Beaumel S, Grunwald D, Fieschi F, Stasia MJ. (2014) *Biochem J*. 464, 425-437 **IF: 4.79**
- Sutkeviciute I, Thépaut M, Sattin S, Berzi A, McGeagh J, Grudin S, Weiser J, Le Roy A, Reina JJ, Rojo J, Clerici M, Bernardi A, Ebel C, Fieschi F. (2014) *ACS Chem Biol*. 9, 1377-85. **IF: 5.35**
- Varga, N, Sutkeviciute, I, Ribeiro-Viana, R, Berzi, A, Ramdasi, R, Daggetti, A, Vettoretti, G, Amara, A, Clerici, M, Rojo, J,* Fieschi, F,* Bernardi, A* (2014). *Biomaterials*. 35, 4175-4184. **IF: 8.31**
- Varga, N, Sutkeviciute, I, Guzzi, C, McGeagh, J, Petit-Haertlein, I, Gugliotta, S, Weiser, J, Angulo, J, Fieschi, F, Bernardi, A (2013) *Chemistry-European Journal*, 19, 4786-97 **IF: 5.69**
- Thépaut, M, Guzzi, C, Sutkeviciute, I, Sattin, S, Ribeiro-Viana, R, Varga, N, Chabrol, E, Rojo, J, Bernardi, A, Angulo, J, Nieto, PM, and Fieschi F (2013) *J.Am.Chem.Soc.*, 135, 2518–2529. **IF: 11.44**
- Berzi, A, Reina, J, Ottria, R, Sutkeviciute, I, Antonazzo, P, Sanchez-Navarro, M, Chabrol, E, Mara, B, Trabattoni, D, Cetin, I, Rojo, J, Fieschi, F, Bernardi A, and Clerici, M. (2012) *AIDS*, 26(2):127-37. **IF: 6.4**
- Jaquet V, Marcoux J, Forest E, Leidal KG, McCormick S, Westermaier Y, Perozzo R, Plastre O, Fioraso-Cartier L, Diebold B, Scapozza L, Nauseef WM, Fieschi F, Krause KH, Bedard K. (2011) *Br J Pharmacol*. 164, 507-520. **IF: 4.92**
- Marcoux, J, Petr, M, Petit-Haertlein, I, Vives, C, Forest, E and Fieschi, F. (2010) *J. Biol. Chem.*, 285, 28980-28990. **IF: 5.32**