



SKOURI-PANET Fériel

CURRENT SITUATION

Since 2001 : CNRS Research engineer at UMR 7590, IMPMC

EDUCATION

1994-1998: PhD in Molecular Genetics at Orsay university. "Genetics of exocytosis in paramecia: study of a gene involved in the regulation of membrane fusion ». Adviser: J. Cohen

1993-1994: Master Degree in Microbiology and Molecular genetics (Orsay university)

PROFESSIONAL EXPERIENCE

1998-2001: Postdoctoral Research Associate, Mineralogy-Cristallography laboratory, Paris

Training of master degree and PhD students in Microbiology/Biochemistry

Set-up of a Microbiology/Biochemistry laboratory at IMPMC

RESEARCH TOPICS

Interactions between minerals and biological macromolecules; study of protein sequence-structure-function relationships (especially stress proteins) in natural environments.

SELECTED PUBLICATIONS (*out of 17 in International peer reviewed journals*)

1. Miot J., Benzerara K., Morin G., Kappler A., Bernard S., Obst M., Férard C., Skouri-Panet F., Guigner J.M., Posth N., Galvez M., Brown Jr G.E. (2009) « Iron biomineralization by neutrophilic iron-oxidizing bacteria ». *Geochimica et Cosmochimica Acta*, 73 (3), 696-711
2. Michiel M., Skouri-Panet F., Duprat E., Simon S., Férard C., Tardieu A. and Finet S. (2009). «Abnormal assemblies and subunit exchange of α B- crystallin R120 mutants could be associated with destabilization of the dimeric substructure » *Biochemistry*, 48, 442-453
3. Miot J, Morin G., Skouri-Panet F., Férard C., Aubry E., Briand J., Wang Y., Ona-Nguema G, Guyot F. and Brown G. E. (2008) «XAS Study of Arsenic Coordination in *Euglena gracilis* Exposed to Arsenite». *Environ. Sci. Technol.*; 42(14):5342-47
4. Simon S., Michiel M., Skouri-Panet F., Lechaire J-P., Vicart P. and Tardieu A.(2007) «The Residue R120 Is Essential for Quaternary Structure and Functional Integrity of human alphaB-crystallin». *Biochemistry*; 46(33):9605-14.
5. Skouri-Panet F., Quevillon-Cheruel S., Michiel M., Tardieu A. and Finet S. (2006) « sHSPs under temperature and pressure: the opposite behaviour of lens alpha-crystallins and HSP26 ». *Biochim Biophys Acta*. 1764(3): 372-83.