



Dr. Laurence BESSUEILLE

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Curriculum Vitae

Scientific and Professional Career

September 1993 to present	Associate Professor, University LYON 1, France
April 2006	Accreditation to supervise research
August 1992 to July 1993	Postdoctoral fellowship 2, Enzymatic lipolysis laboratory, CNRS ERS 26, Marseille (Supervisor: Dr R. Verger).
January 1990 to June 1992	Postdoctoral fellowship 1, Mallinckrodt Medical Inc., St Louis, USA, Department of nuclear medicine (Supervisor: Dr K. Deutsch).

Education

September 1986 to July 1989	PhD in Cellular Biology and Biochemistry, University Aix-of Marseille 1, France (Thesis supervisor: Prof. Louis Sarda).
July 1986	Master in Cellular Biology and Biochemistry, University of Aix-Marseille 1, France

Main research interests

Thema 1 : 1993 – 2002: Structural and functional studies of membrane proteins (the GPI anchored alkaline phosphatase and the transmembrane amyloid precursor protein): Biochemical and physico-chemical approaches (included IR, circular dichroism and fluorescence spectroscopies). Monolayer studies on the lipid – protein interactions.

Thema 2 : 2002 – 2006: Biochemical and physico-chemical characterization of lipid rafts from poplar cells and skeletal muscle cells.

Thema 3 : 2006 –present: Cellular and molecular mechanisms of mineralization, including vascular calcification.

Collaborations

Bassam BADRAN, Kazem Zibara, Eva Hamade, Lebanese University, Beirut, Lebanon
Jose Luis MILLAN, Sanford-Burnham Medical Research Institute, La Jolla, USA
Agnieszka Strzelecka-Kiliszek, Slawek PIKULA, Nencki Institute, Warsaw, Poland
Laurent Beck, University of Nantes

Publications

Around 40 publications, H factor 16

Scientific memberships

French Society of Biology of Mineralized Tissues (SFBTM)
GERLI (Groupe d'Etude et de Recherche en Lipidomique)