



Pr David MAGNE

Institut de Chimie et de Biochimie Moléculaires et Supramoléculaires (ICBMS) – UMR CNRS 5246
Université de Lyon ; UNIVERSITE CLAUDE BERNARD LYON 1, CNRS,
INSA-LYON, CPE-LYON
43, Bd du 11 novembre 1918
69622 Villeurbanne cedex
FRANCE

Bâtiment Raulin
Tel : +33 4 27 46 57 21
david.magne@univ-lyon1.fr

Curriculum Vitae

Scientific and Professional Career

From Jan 2016	Head of the team “Metabolism, Enzymes and Molecular Mechanisms MEM ² ” ICBMS UMR 5246 CNRS In charge of the Master of Biochemistry of Lyon 1 University
Sep 2010 to present	Professor, University of Lyon 1, France
Sep 2005 to August 2010	Assistant Professor, Université Littoral Côte d’Opale, France Laboratory of Inflammatory Bone Diseases, Boulogne/Mer and Lille, France
Sep 2004 to August 2015	Postdoctoral fellowship 2 in the laboratory of Osteoarticular and Dental Tissue Engineering (LIOAD) INSERM U791, Nantes, France
Jan 2003 to August 2004	Postdoctoral fellowship 1 in the Division of Rheumatology, University Medical Center, Geneva, France

Education

Oct 1999 to Dec 2002	PhD Degree in Cell Biology and Biophysics University of Nantes, France Title: Cellular and Molecular mechanisms of extracellular matrix mineralization
Oct 1998 to June 1999	Master in Oral and Osteoarticular Biology, Paris, France

Main recent stipends

- ANR « PARKA » 2021-2025 (Phosphate homeostasis and vascular calcification in CKD, partner)
- Fédération française de cardiologie 2021-2022 (effect of teriparatide on atherosclerotic plaque calcification, PI)
- ERA-NET CVD 2018-2021 (involvement of TNAP in atherosclerotic plaque calcification, coordinator)
- Fondation de France 2020-2021 (involvement of circulating TNAP in atherosclerotic plaque calcification, PI)

Main research interests

- **Thema 1: Cellular and molecular mechanisms of mineralization**
- **Thema 2: Tissue nonspecific alkaline phosphatase**
- **Thema 3: vascular calcification; pathological ossification in spondyloarthritis**
- **Thema 4: effect of inflammation on pathological calcification/ossification**

Main collaborations

Frédéric BLANCHARD, LPRO, INSERM UMR957 Université Nantes, France
Caroline FONTA, CNRS, UMR 5549, Toulouse, France
Véronique GILARD, UMR CNRS 5068, Toulouse, France
Jose Luis MILLAN, Sanford-Burnham Medical Research Institute, La Jolla, USA
Slawek PIKULA, Nencki Institute, Warsaw, Poland

Publications

70 publications; H factor 30

Board Memberships

Editorial Board Member of *Int J Mol Sci*, *Front Physiol*

Referee

Am J Physiol Cell Physiol, *Biochem Biophys Res Commun*, *Bone*, *Br J Cancer*, *Cell Physiol Biochem*, *Cell Transplant*, *Int J Mol Sci*, *J Bone Miner Res*, *Joint Bone Spine*, *J Cell Physiol*, *Lab Invest*, *Life Sci*, *Plos One*, *Stem Cells Int*, *Tissue Eng...*

Scientific memberships

French Society of Biology of Mineralized Tissues (SFBTM)
Arthritis Courtin Foundation
French Society of Rheumatology (SFR)
GERLI (Groupe d'Etude et de Recherche en Lipidomique)