Dr Carole BOUGAULT

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Curriculum Vitae

Scientific and Professional Career

Sep 2012 to present	Assistant professor, Université LYON 1, France
Dec 2009 to August 2012	Postdoctoral fellowship, Université P. M. Curie, Paris, France Head of the team and mentor: Pr Francis Berenbaum

Education

Oct 2005 to Nov 2009	PhD Degree in Biochemistry and Cell Biology, Lyon, France Supervisor: Dr Frédéric Mallein-Gerin
Oct 2004 to June 2005	Master in structural and functional biochemistry, Lyon, France
Oct 2000 to June 2005	Engineering degree in Biosciences, Lyon, France from the Institut National des Sciences Appliquées (INSA)

Main research interests

- ***PI → Mechanisms of pathophysiological calcification in spondyloarthritis : Involvement of BMP growth factors and sphingolipid metabolism & Role of inflammation and mechanical stress***
- ***Post-doc → Inter-tissue communication in the osteoarthritic joint: bone, cartilage and synovium & Inflammasome and osteoarthritis***
- ***Thesis → Control of the differentiation state of cultured chondrocytes & Mechanisms of chondrocyte mechanotransduction***

Collaborations

Université de Nantes, RMeS, INSERM UMR1229, team REJOINT
Université de Lyon - Université Jean Monnet, LBTO, INSERM U1059
Université de Lyon, LaMCoS, CNRS INSA-Lyon UMR5259, team MECALIPS
Université de Lyon, LYOS, INSERM U1033, team LYSBONE
Université du Littoral-Côte d'Opale, MABLab, ULR4490

Publications

(may 2022) 24 original research articles; 2 review articles; *h*-index 16

Referee

Arthritis Research & Therapy; Osteoarthritis and Cartilage; Plos One; Laboratory Investigation; Scientific Reports.

Scientific memberships

French Society of Biology of Mineralized Tissues (SFBTM)
French Society of Rheumatology (SFR)