

## Accepted Manuscript

Involvement of sphingosine kinase/sphingosine 1-phosphate metabolic pathway in spondyloarthritis

Carole Bougault, Alaeddine El Jamal, Anne Briolay, Saida Mebarek, Marie-Astrid Boutet, Thomas Garraud, Benoit Le Goff, Frédéric Blanchard, David Magne, Leyre Brizuela



PII: S8756-3282(17)30228-4  
DOI: doi: [10.1016/j.bone.2017.07.002](https://doi.org/10.1016/j.bone.2017.07.002)  
Reference: BON 11359

To appear in: *Bone*

Received date: 14 April 2017  
Revised date: 23 June 2017  
Accepted date: 1 July 2017

Please cite this article as: Carole Bougault, Alaeddine El Jamal, Anne Briolay, Saida Mebarek, Marie-Astrid Boutet, Thomas Garraud, Benoit Le Goff, Frédéric Blanchard, David Magne, Leyre Brizuela, Involvement of sphingosine kinase/sphingosine 1-phosphate metabolic pathway in spondyloarthritis, *Bone* (2016), doi: [10.1016/j.bone.2017.07.002](https://doi.org/10.1016/j.bone.2017.07.002)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Involvement of sphingosine kinase/sphingosine 1-phosphate metabolic pathway in  
spondyloarthritis**

Carole Bougault<sup>1</sup>, Alaeddine El Jamal<sup>1</sup>, Anne Briolay<sup>1</sup>, Saida Mebarek<sup>1</sup>, Marie-Astrid Boutet<sup>2</sup>,  
Thomas Garraud<sup>2</sup>, Benoit Le Goff<sup>2</sup>, Frédéric Blanchard<sup>2</sup>, David Magne<sup>1</sup>, Leyre Brizuela<sup>1</sup>

<sup>1</sup>Univ Lyon, Univ Claude Bernard Lyon 1, CNRS UMR 5246, ICBMS, F-69622, LYON, France

<sup>2</sup>Inserm, UMR 1238, CHU Nantes, France.

To whom requests should be addressed:

Dr Leyre Brizuela Madrid, CNRS UMR 5246 ICBMS, F-69622, Lyon, France

E-mail: leyre.brizuela-madrid@univ-lyon1.fr

**Running title:**

Sphingosine 1-phosphate in spondyloarthritis

**Conflict of interest statement:**

no disclosures

Download English Version:

<https://daneshyari.com/en/article/5585267>

Download Persian Version:

<https://daneshyari.com/article/5585267>

[Daneshyari.com](https://daneshyari.com)