



# Retraction: Plumbagin Ameliorates Collagen-Induced Arthritis by Regulating Treg/Th17 Cell Imbalances and Suppressing Osteoclastogenesis

## OPEN ACCESS

### Approved by:

Pietro Ghezzi,  
Brighton and Sussex Medical School,  
United Kingdom

### \*Correspondence:

Frontiers Editorial Office  
editorial.office@frontiersin.org

### Specialty section:

This article was submitted to  
Inflammation,  
a section of the journal  
Frontiers in Immunology

**Received:** 15 January 2020

**Accepted:** 15 January 2020

**Published:** 23 January 2020

### Citation:

Frontiers Editorial Office (2020)  
Retraction: Plumbagin Ameliorates  
Collagen-Induced Arthritis by  
Regulating Treg/Th17 Cell Imbalances  
and Suppressing Osteoclastogenesis.  
*Front. Immunol.* 11:112.  
doi: 10.3389/fimmu.2020.00112

Frontiers Editorial Office\*

## A Retraction of the Original Research Article

### Plumbagin Ameliorates Collagen-Induced Arthritis by Regulating Treg/Th17 Cell Imbalances and Suppressing Osteoclastogenesis

by Wang, T., Qiao, H., Zhai, Z., Zhang, J., Tu, J., Zheng, X., et al. (2019). *Front. Immunol.* 9:3102. doi: 10.3389/fimmu.2018.03102

The journal retracts the January 8, 2019 article cited above.

Following publication, concerns regarding the integrity of the western blot images were brought to the attention of the Publisher. After an investigation by the Editorial Office and Chief Editors of the journal, image duplication and manipulation was revealed in Figure 6. The authors have failed to provide a satisfactory explanation following several requests. The authors do not agree to the retraction or the notice.

The retraction of the article was approved by the Chief Editors of Frontiers in Immunology and the Editor-in-Chief of Frontiers.

Copyright © 2020 Frontiers Editorial Office. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.