

## Original Research Article

# Retracted “Serum amyloid P down-regulates CCL-1 expression, and inhibits Ras/MAPK signaling and development of breast cancer”

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### Abstract

This article previously published in Volume 17 Issue 16 of this journal in September 2017 has been retracted in line with the guidelines from the Committee on Publication Ethics (COPE, <http://publicationethics.org/resources/guidelines>).

**Retraction:** Ding S, Li H, Li X, Wang W, Du X, Dong G, Zhang P. Serum amyloid P down-regulates CCL-1 expression, and inhibits Ras/MAPK signaling and development of breast cancer. *Trop J Pharm Res* 2017; 16(9):2089-2095 doi: <http://dx.doi.org/10.4314/tjpr.v16i9.7>

To the editor:

The figures in the paper were plagiarized partly from an earlier published article, Qi et al, P-selectin-mediated tablet adhesion promoters tumor growth. *Oncotarget* 2015;30:6(9):6584–6596, and data from a master's thesis submitted by Bin Li under the supervision of Professor Lijing Wang and Professor Cuiling Qi. Sincerely, Cuiling Qi and Lijing Wang.

**Keywords:** Serum amyloid component P (SAP), chemokine (CC motif) ligand 1 (CCL-1), Breast cancer, NF-κB, Ras/MAPK signaling pathway

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