

Title Page

Research article

SARS-CoV-2 intervened by NSAIDs: A network pharmacology approach to decipher signaling pathway and interactive genes

Ki Kwang Oh¹, Md. Adnan¹, Dong Ha Cho^{1*}

¹Department of Bio-Health Convergence, College of Biomedical Science, Kangwon National University, Chuncheon, 24341, Korea

***Correspondence:** chodh@kangwon.ac.kr; Tel: +82-33-250-6475

Email of Authors:

¹Ki Kwang Oh (KKO): nivirna07@kangwon.ac.kr

¹Md. Adnan (MA): mdadnan1991.pharma@gmail.com

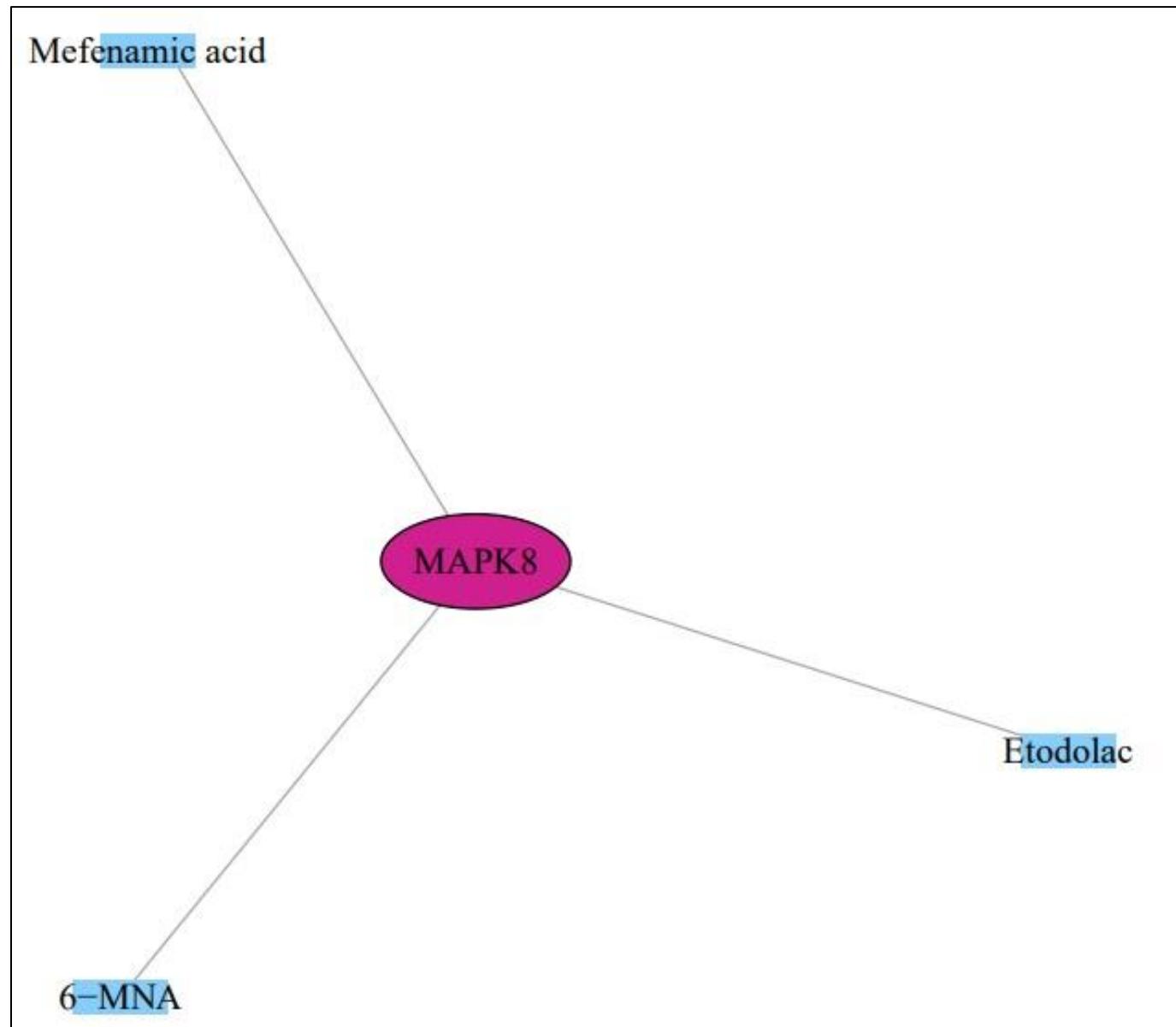
¹Dong Ha Cho (DHC): chodh@kangwon.ac.kr

Running title: Potential Non-Steroidal Ani-Inflammatory Drugs (NSAIDs) and novel mechanism against SARS-CoV-2

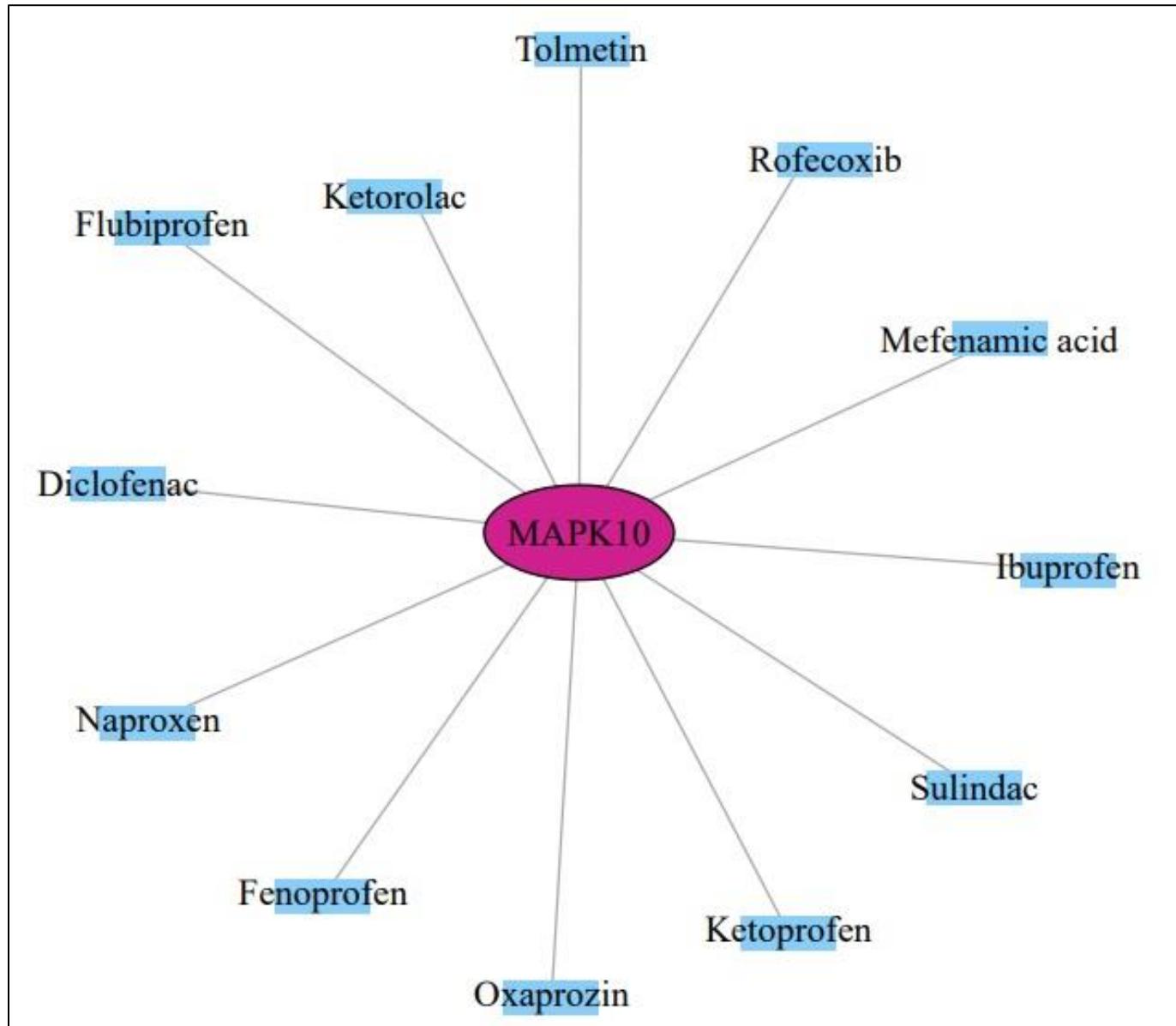
Supplementary Figure S1.

- (a) Interactions between three bioactive compounds and MAPK8.
- (b) Interactions between twelve bioactive compounds and MAPK10.
- (c) Interactions between two bioactive compounds and BAD.

(a)



(b)



(c)

