

# Title Page

## Research article

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

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

**The final 26 overlapping genes**

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PTGS2

MAPK14

PTGS1

NR3C2

PPP1CA

CXCL8

FABP2

ACE2

PPARA

PPARG

MME

MCL1

ACE

CASP1

BAD

ANPEP

CPB2

CPB1

ENPEP

MAPK8

IDE

MAPK10

ABCG2

CYP11B2

EDNRA

CASP3