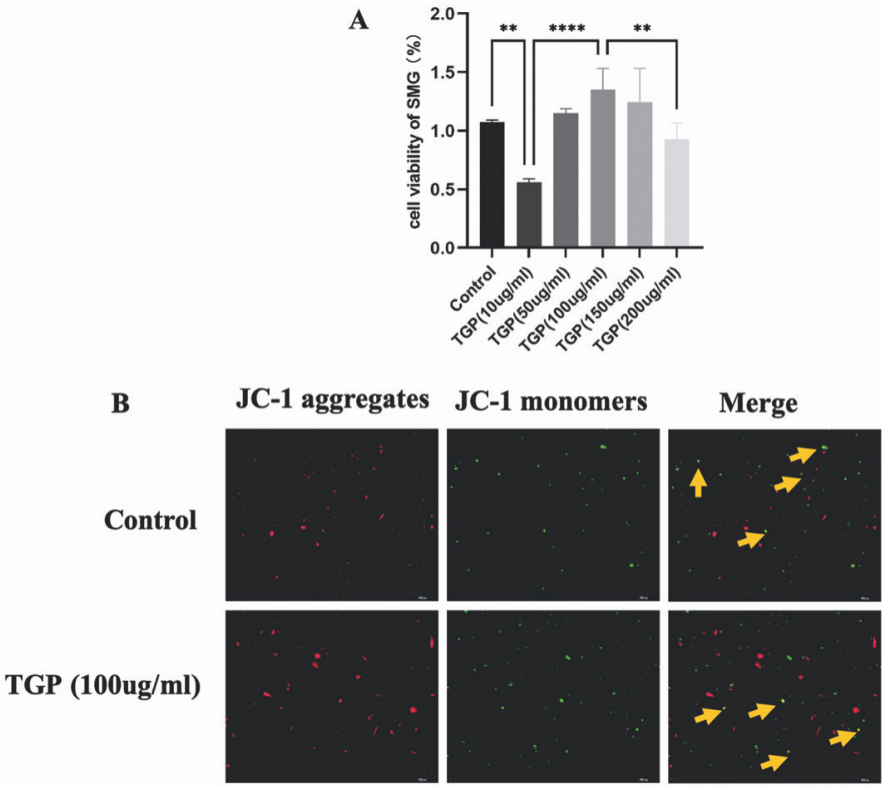
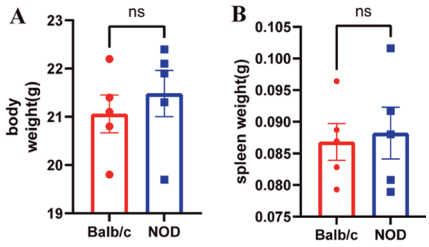
Supplementary Table S1. Primers.

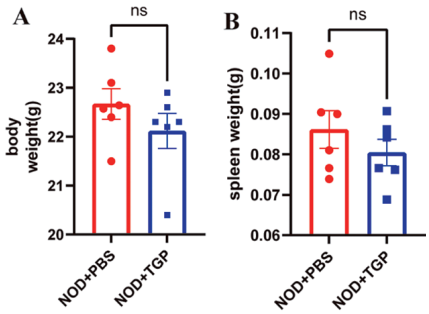
Number	Gene	Name	Sequences(5′-3′)	Amplicon Size
1	GAPDH	GAPDH F GAPDH R	AACGGATTTGGCCGTATTGG CATTCTCGGCCTTGACTGTG	169
2	NLRP3	NLRP3 F NLRP3 R	GTGTGGATCTTTGCTGCGAT TCTTCAAGGCTGTCCTCCTG	125
3	ASC	ASC F ASC R	GGCTGGCCTAACTCAAGAGA GATGCCCTCTTCTGGCTTTG	182
4	Caspase-1	Caspase-1 F Caspase-1 R	GGCACATTTCCAGGACTGAC TCAACTTGAGCTCCAACCCT	185
5	Occludin-1	Occludin-1 F Occludin-1 R	TCGCCATATTTGCCTGTGTG CCAAAGAGCCCTGTCCCATA	67
6	ZO-1	ZO-1-F ZO-1-R	CCAGAGCCTCAGAAACCTCA GCAGGAAGATGTGCAGAAGG	152
7	Aquaporin -5	Aquaporin -5 F Aquaporin -5 R	AAGGCCACCATGAAGAAGGA CCAGGCCAAAGAAGACGAAG	97



Supplementary Fig. S1. Cell viability of mouse submandibular gland with TGP treatment. **A.** Detection of submandibular gland cell activity by CCK-8. **B.** Detection of apoptosis of submandibular gland cells by JC-1 mitochondrial membrane potential assay kit.



Supplementary Fig. S2. The spleen and body weight of NOD mice. **A.** There was no significant difference in body weight between Balbc mice and NOD mice. **B.** There was no significant difference in spleen weight between Balbc mice and NOD mice.



Supplementary Fig. S3. The spleen and body weight of NOD mice with TGP treatment. **A.** The body weight of the mice in the TGP group had no significant change compared with PBS group. **B.** The spleen weight of the mice in the TGP group had no significant change compared with PBS group.