Supplementary Material

## Supplementary Figures

A screenshot of a cell phone

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**supplementary 1 Effect of Safranal on Cxcl10 in lung tissues.** (A) Heatmap of genes expression shows effect of safranal treated BMMC on representative differentially expressed genes comparing to DNP-HSA treated. False Dicovery Rate (FDR) ≤ 0.05 and |Log2Ratio| ≥ 1.

**A screenshot of a cell phone

Description automatically generatedSupplementary2 KEGG diseases enrichment bubble chart.** (A) safranal regulated genes that are related to transient neonatal diabetes, postaxial polydactyly and allergic rhinitis etc.

A picture containing window

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**supplementary 3 Effect of Safranal on Cxcl10 in lung tissues.** (A) IHC staining of Cxcl10. The result showed decreased of CD4 in safranal treated group. The data are presented as the means ± S.E.M. of n=10. ##*p*<0.01 compared to nontreated group.\**p*<0.05 compared to OVA treated group. The scale labels shown are 50μm.

RNA-sequencing data can be found at: <https://www.ncbi.nlm.nih.gov/bioproject/PRJNA639182>.