





Supplementary Figure 1. Effects of selected extracts on 3D tissues on cytokine-cytokine receptor interactions and rheumatoid arthritis pathways. Generally applicable gene set enrichment (GAGE) for pathway analysis method was used in unidirectional mode to detect experimentally perturbed KEGG pathways [62]. **(A)** Changes in the cytokine-cytokine receptor interactions pathway caused by extracts #4 and #12. **(B)** Changes in the rheumatoid arthritis pathway caused by extracts #4, #14 and #12. Red - upregulation; green – down-regulation.