



Supplementary Figure S3. Expression of CCR2 and CCL2 in INCB3344-treated and CFA-treated mice and human OA samples.

(A) Protein expression of CCR2 by western blot in the hindpaw of INCB3344-treated mice at 4 h after IL-33 injection.

(B) Quantification of (A) (n=5 mice).

(C) mRNA level of *CCL2* in the hindpaw of *IL-33*^{-/-} mice in the CFA model (n=5-6 mice).

(D) No correlation between the gene expression of *IL-33* and gene expression of *CCL2* in the synovia of non-OA patients (n= 6 patients).

(E) Gene expression of *ST2* in the synovia of OA and non-OA patients (n=6 patients).

(F) No correlation between the gene expression of *ST2* and gene expression of *CCL2* in the synovia of non-OA patients (n= 6 patients).

(G) Gene expression of *IL-33* in the synovia and cartilages from OA patients (n= 5-7 patients).

(H) Gene expression of *CCL2* in human synovia and cartilage cartilages from OA patients (n= 5-7 patients).

(I) Correlation for the gene expression of *IL-33* and *CCL2* in human cartilage (n= 5 patients).

Data are presented as mean \pm SEM. ** $p < 0.01$, One-way ANOVA with Bonferroni's post hoc test for (B-C), unpaired *t*-test for (E, G-H).