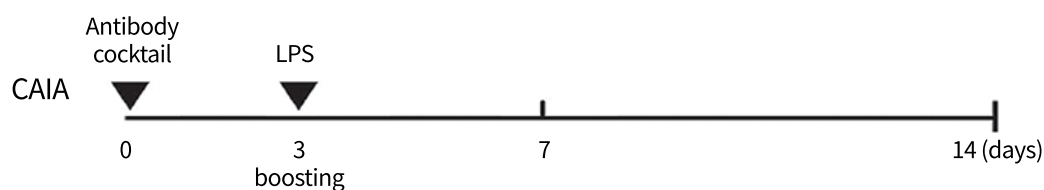


Collagen antibody induced arthritis (CAIA) Rheumatoid arthritis

Collagen antibody induced arthritis (CAIA) is a simple model of rheumatoid arthritis that using monoclonal antibodies (mAbs) against type II collagen. CAIA include rapid disease onset, high uptake rate, synchronicity, and the capacity to use genetically modified mice. CAIA takes 1-2 weeks to be completed.

*Species: DBA/1J, BALB/C, C57BL/6 (6~8 weeks age)

Service process

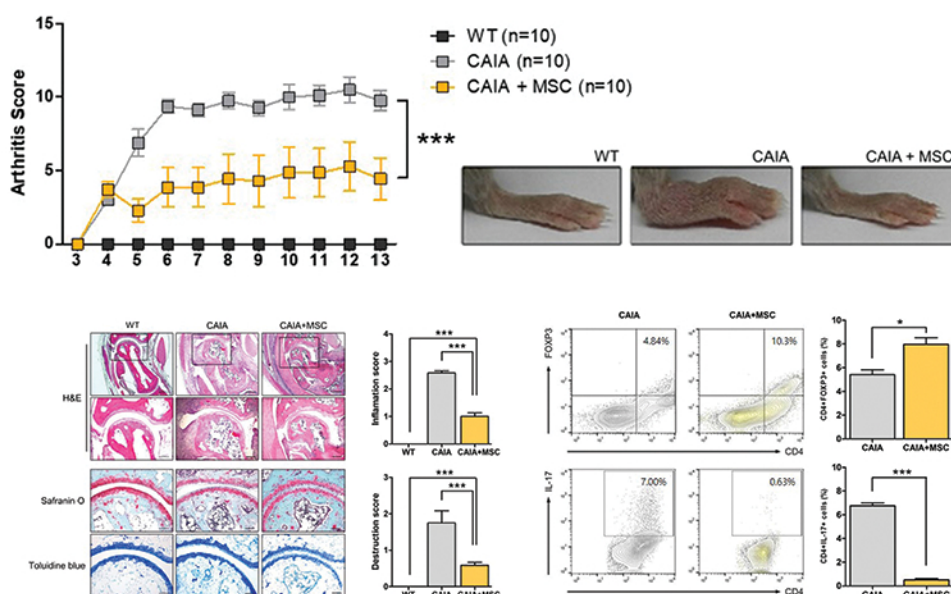


Animal model analysis

- Clinical score of arthritis assessment
- Body weight measurement

Tissue analysis

- Evaluation of ankle and paw joint swelling
- Immunohistochemically evaluation
- Assessment of major immune factors
- Flow cytometric analysis of the inflammatory cells
- Inflammatory cytokine analysis



"PLoS One. 2018 Jun 7;13(6):e0198740. doi: 10.1371/journal.pone.0198740. eCollection 2018."