## Osteoarthritis (OA)

Osteoarthritis is a type of joint disease that results from breakdown of joint cartilage and bone. We provide efficacy evaliation service using animal models of surgical and chemical-induced models.

## Animal model

- Mechanical defect model
- Monoiodoacetate (MIA) model
- Anterior cruciate ligament transection (ACLT) model

## Histological analysis

- H&E, Toluidine blue stain, Safranin O stain
- Immunofluorescence staining

## Defect model (Rat) Normal control Defect MIA model ACLT model MIA Treatment group Normal ACLT Femur

 $\hbox{``J Tissue Eng Regen Med. 2018 Aug;} 12(8):1843-1855. \ doi: 10.1002/term.2705. \ Epub\ 2018\ Jul\ 2.\\ \hbox{``Interpretation of the property of the property$