

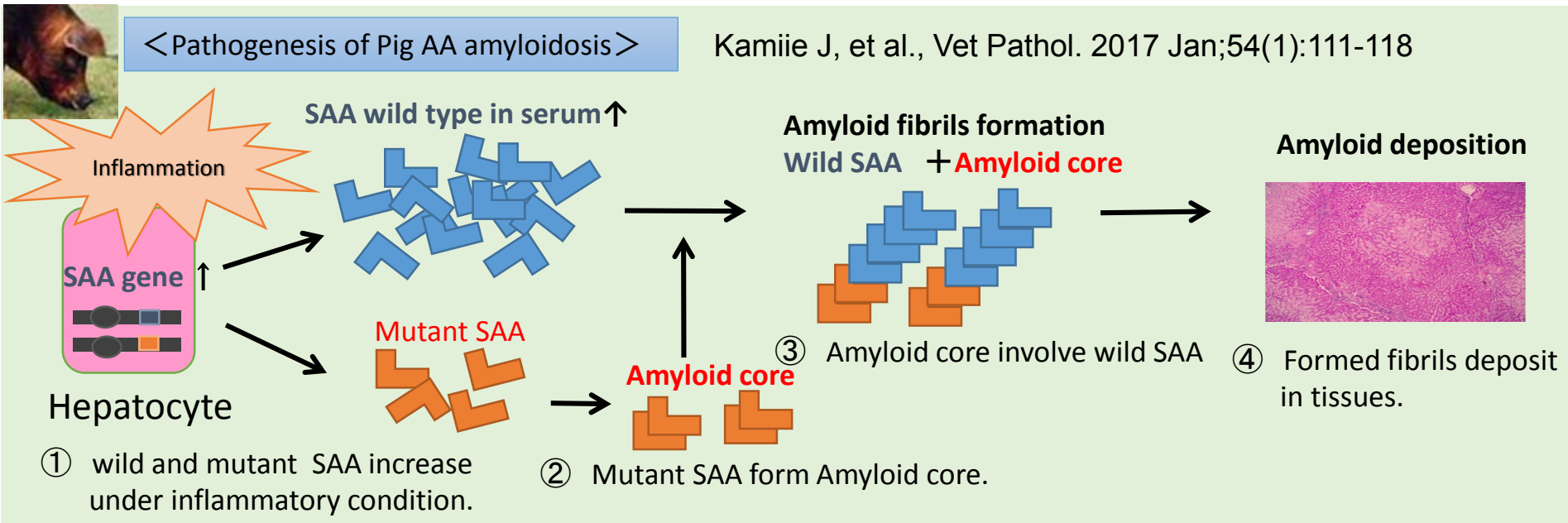
# Pathogenesis of human AA amyloidosis via highly amyloidogenic SAA

## Backgrounds

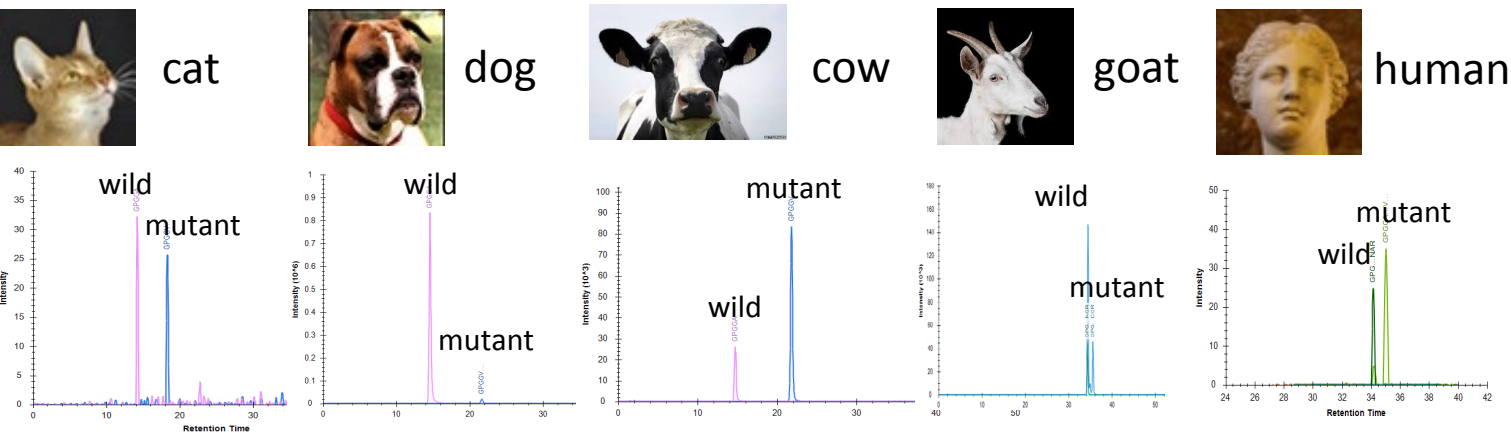
- Increased SAA under inflammatory condition is recognized as key factor to form AA amyloid fibrils.
- We have identified highly amyloidogenic SAA mutant in a case of pig AA amyloidosis.
- Dose Amyloidogenic SAA develop AA amyloidosis in other species?

### <Pathogenesis of Pig AA amyloidosis>

Kamiie J, et al., Vet Pathol. 2017 Jan;54(1):111-118



Mass spectrometry revealed wild and mutant SAA deposition in AA amyloidosis in five species.



**Goal**  
Revealing the common pathogenesis of AA amyloidosis in mammals