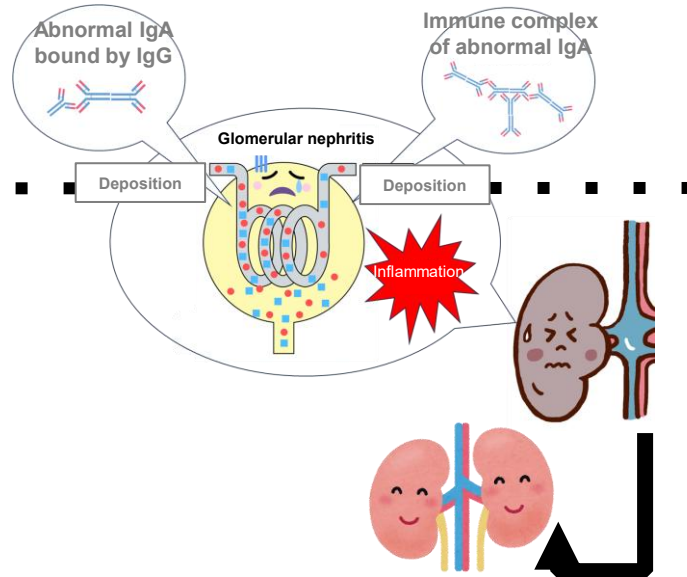


[Development of IgA Nephropathy Treatment]

<Current Treatments>

- IgA nephropathy is a type of chronic glomerulonephritis which, if left untreated, can progress to end-stage renal failure.
- No cure to date. Existing treatments are limited to symptomatic therapy (tonsillectomy and steroids).

There is a need for new approaches to break down and remove IgA immune complexes deposited in kidneys.

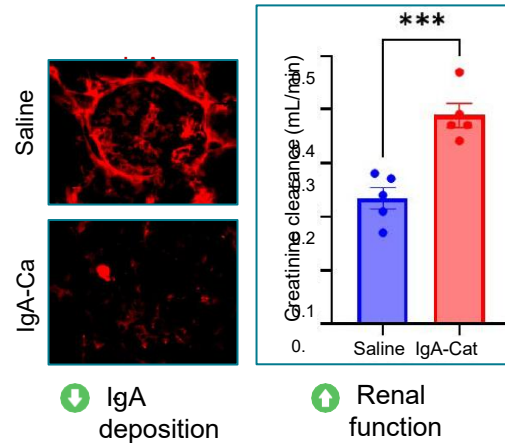


<Research Goal>

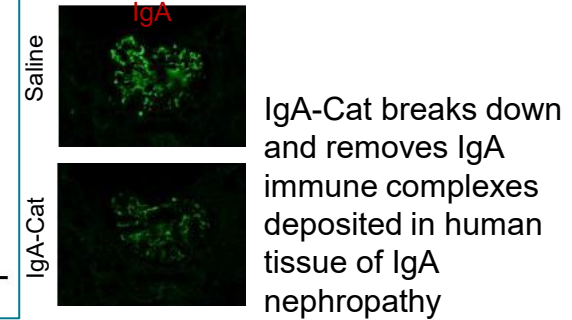
To develop a cure for IgA nephropathy by using Catalytide which breaks down and removes IgA immune complexes.

Results to Date

Murine *in vivo* (HIGA mouse)



Human *ex vivo* (IgAN kidney biopsy)



IgA-Cat breaks down and removes IgA immune complexes deposited in human tissue of IgA nephropathy

IgA-Cat improves renal function by breaking down and removing IgA immune complexes deposited in kidneys (JP Patent App.No. 2026-012909; *IgA complex disaggregation agent and use thereof*)

R&D Plan

(1) Non-clinical safety studies

Conduct acute toxicity studies at an external organisation compliant with Good Laboratory Practice (GLP) standards. Determine the toxicity assessment parameters (immune response, organ toxicity) and obtain highly reliable data.

Timeline

(1) Non-clinical safety studies

