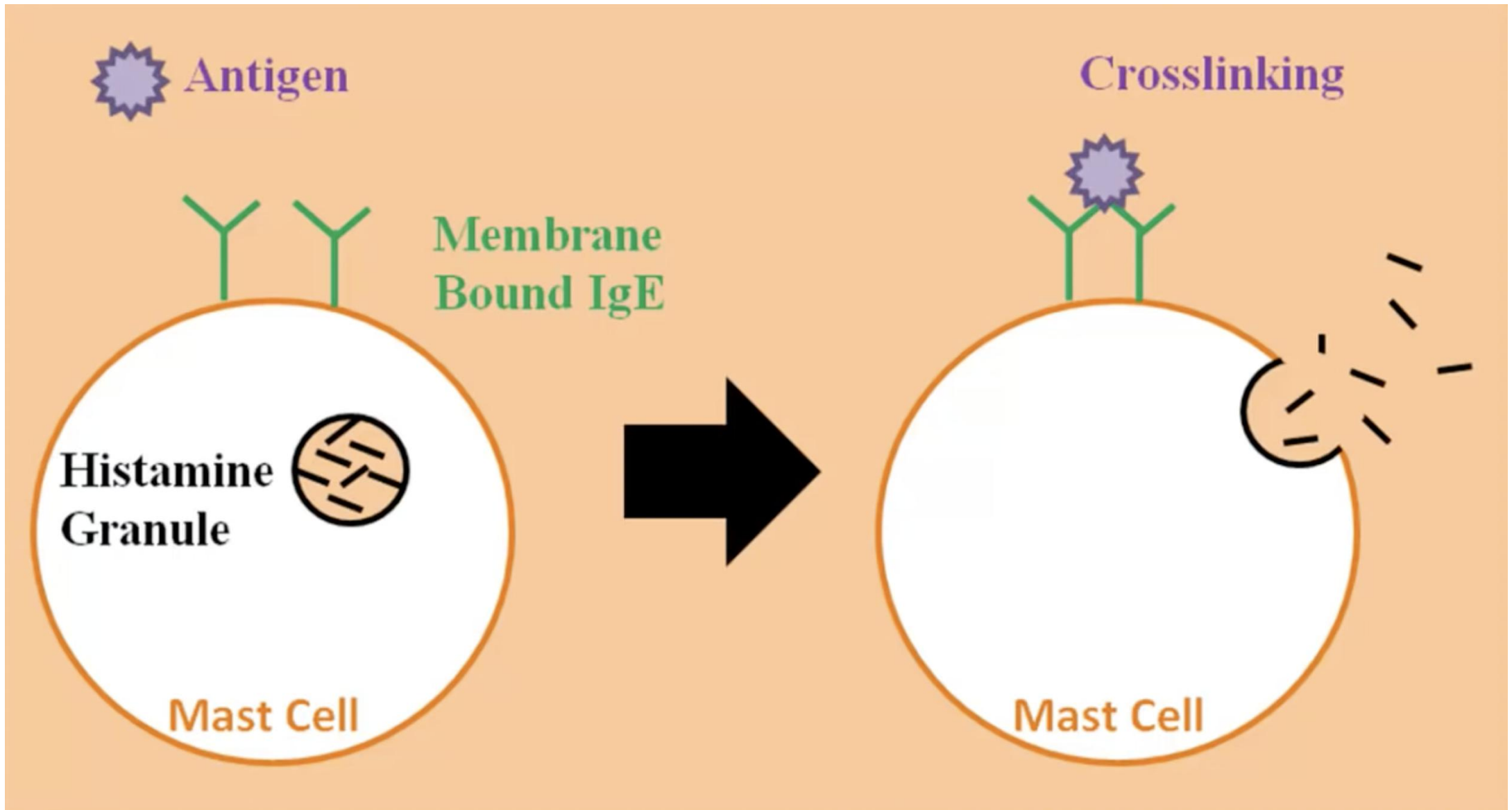


I = Allergic Anaphylaxis and Atopy

II = antiBody

III = immune Complex

IV = Delayed



Antigen

Crosslinking

Membrane Bound IgE

Histamine Granule

Mast Cell

Mast Cell

Type II Hypersensitivity



- ✧ Antibody Dependent Cytotoxicity
- ✧ Rheumatic Fever
- ✧ Goodpasture Syndrome
- ✧ Hemolytic Disease of Newborns



Type III Hypersensitivity

Immune Complex deposited in tissue → inflammation

- ✧ **Lupus**
- ✧ **Post Strep Glomerulonephritis**
- ✧ **Rheumatoid Arthritis**

Type IV Hypersensitivity



- ✧ Delayed, Th1 T-Cells
- ✧ Cell-mediated (Antibody independent)
- ✧ Contact Dermatitis (**Poison Ivy**),
PPD (**TB Test**) & **MS**