

## **2. Rearrangements of antigen receptor genes**

**1 Unit, Jayanta Chaudhuri, February 3, 2026**

### **V(D)J recombination in developing lymphocytes**

Identification and activities of RAG1 and RAG2

Requirement of non-homologous DNA end joining proteins

### **Class switch recombination and somatic hypermutation in mature B cells**

Germinal centers and affinity maturation

Memory B cells

Identification of AID

AID and B cell lymphomas