

Immunity

- Antibody - Y - pg 284
- Antigens - mark cells
 - Foreign - not from body
- Blood Types
 - ABO System
 - Rh Factor - Rh Disease
 - Other Groups - L gene - MNS
 - HLA - donors
 - 5 genes, 23, 47, 8, 12, 12 alleles
 - 2 in 20,000 match(unrelated)
- SCID
 - X-linked recessive
 - less severe, missing some cells, ~10 years before antibodies
 - More severe, lack cells - death 18 mo
 - Bubble boy - no T cells
- AIDs - reverse transcriptase
 - Kills T cells
- Autoimmune - attack self, Antibodies
- Allergies - multifactorial