

Paroxysmal Nocturnal Hemoglobinuria (PNH)

- only HA caused by an acquired clonic defect in cell membrane

→ They inhibit the synthesis of glycosphingolipids

→ 2 Anemizing proteins → Decay Accelerated factor

A membrane inhibitor of RBC lysis CD59

Myeloid progenitor cell lysis (RSC, WBCs)

Mutation of PIGA (gene)

Synthesis of GPI does not occur

Absence of GPI anchor is Absence of

complement Regulator protein (CD59, CD55)

They become sensitive to complement

Mediate by hemolysis

Phenyl hemolysis

Pathway of hemolysis