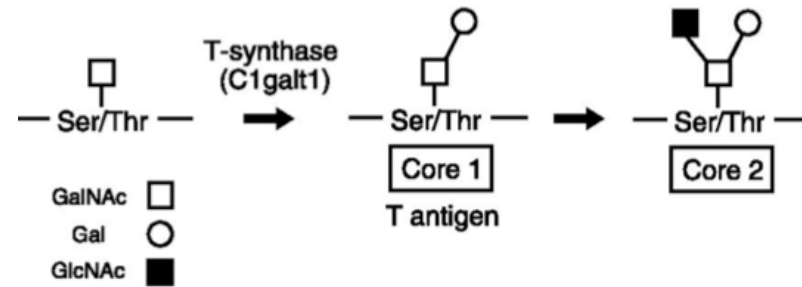


from *Anatomy and Embryology*,

Carbohydrates are required for megakaryocyte differentiation.



Mucin-type O-glycan biosynthetic pathway and relevant glycosyltransferases.

This laboratory has reported the biological roles of mucin-type O-glycans using *C1galt1*-knockout mice. Thrombocytopenia in *C1galt1*-knockout mice was derived from defects in the terminal differentiation of megakaryocytes.

Journal Club: *Blood*, 2013; 122: 1649-1657.