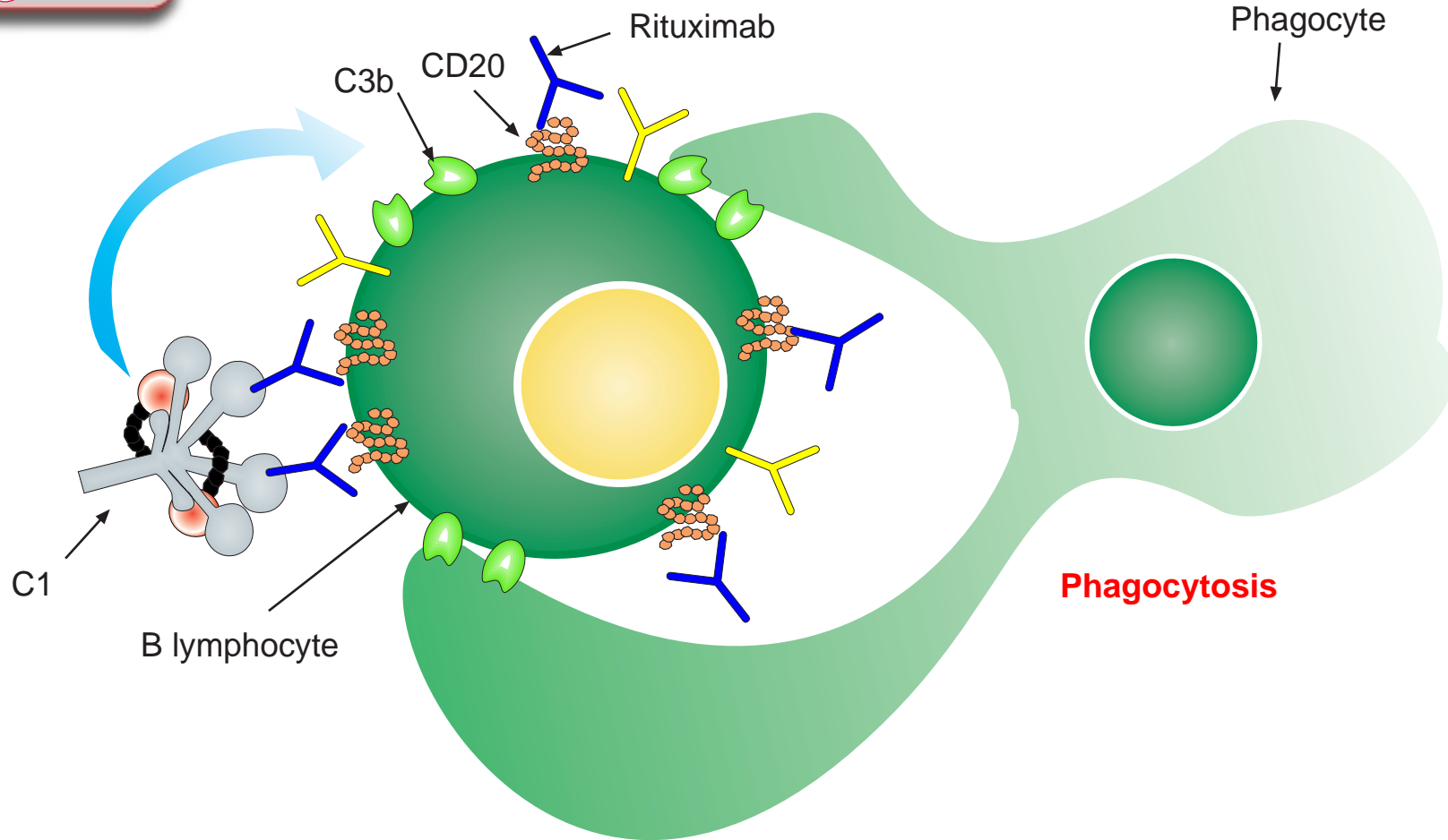


③ C3b opsonisation and phagocytosis

PREVIOUS

NEXT



After binding of Rituximab to CD20 on B lymphocytes, complement C1 protein binds to the Fc portion and activates the classical complement cascade. The classical complement cascade generates complement C3b proteins from soluble complement C3 proteins. C3b covalently attaches to the surface of cells and opsonises them. C3b opsonised cells are detectable by complement receptors on phagocytes such as neutrophils, dendritic cells and macrophages. Recognition of C3b opsonised cells by phagocytes induces phagocytosis and destruction of the cell.

