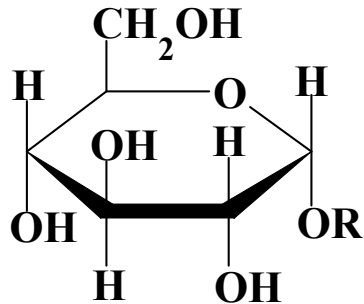
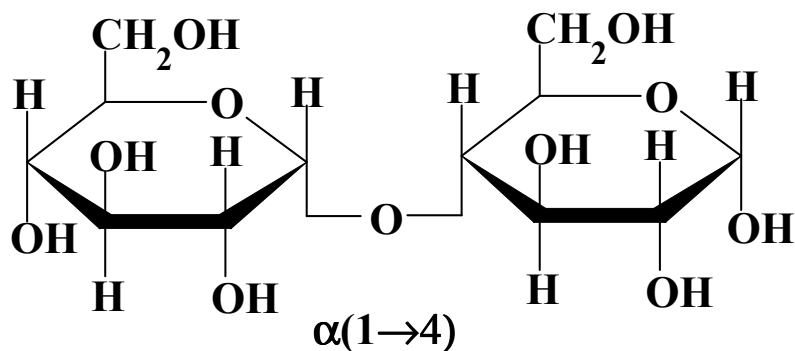


9. Glykosidy, oligo- a polysacharidy



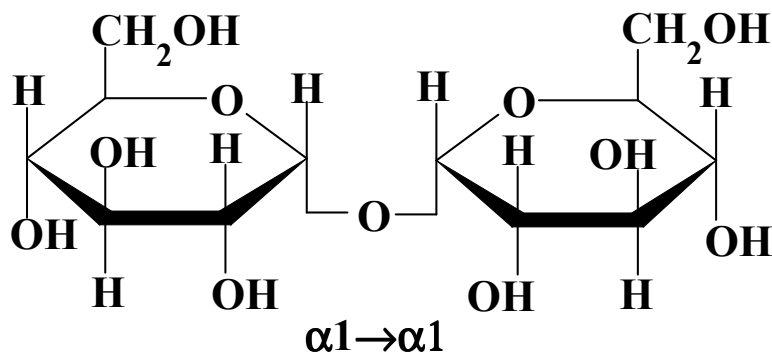
O-glukosid

glykosidická vazba - OR, SR, NR - specificky štěpí glykosidasy



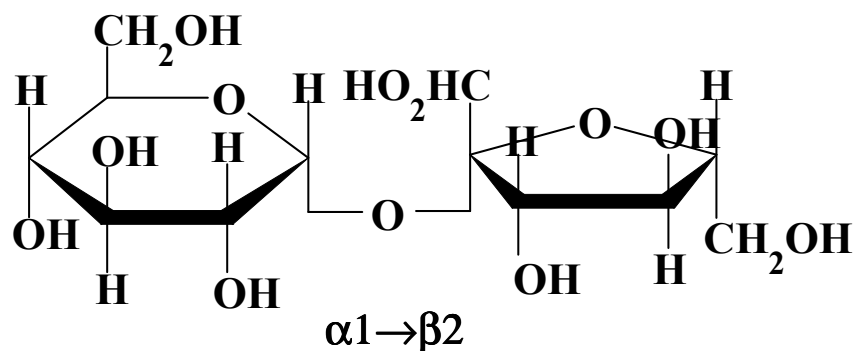
MALTOSA

O - α -D - glukopyranosyl (1 \rightarrow 4) - α -D - glukopyranosa



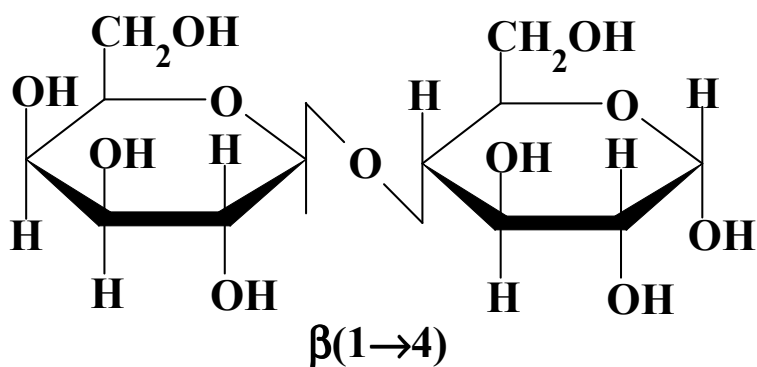
TREHALOSA

O - α -D - glukopyranosyl (1 \rightarrow 1) - α -D - glukopyranosid



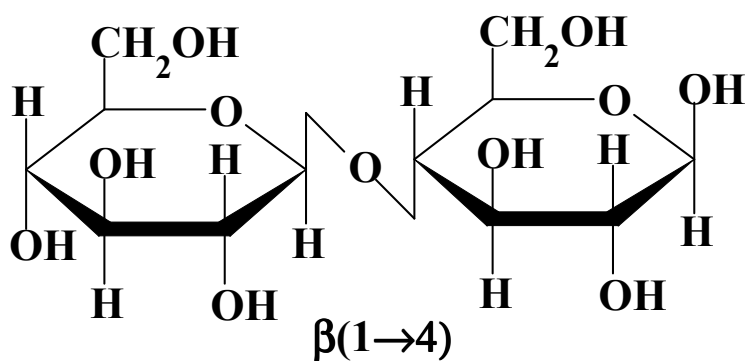
SACHAROSA

O - α - D - glukopyranosyl (1 \rightarrow 2) - β - D - fruktofuranosid



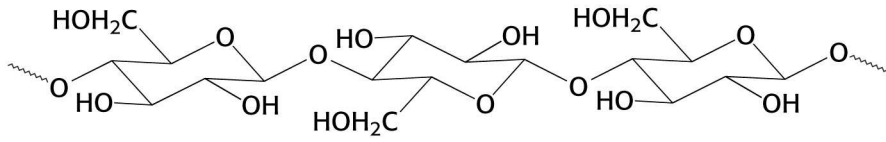
LAKTOSA

O - β - D - galaktopyranosyl (1 \rightarrow 4) - β - D - glukopyranosa

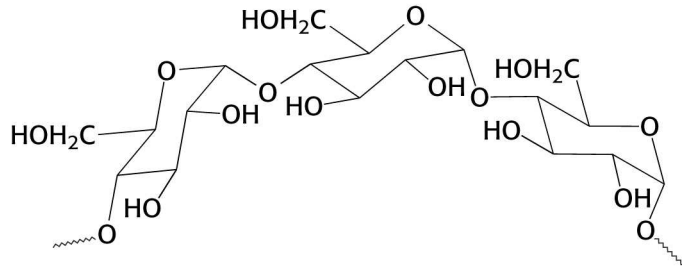


CELLOBIOSA

O - β - D - glukopyranosyl (1 \rightarrow 4) - β - D - glukopyranosa

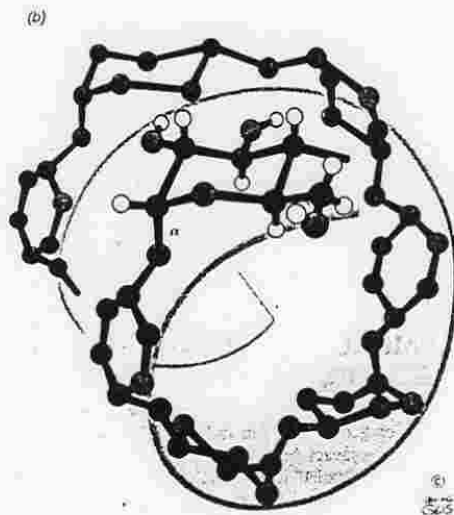
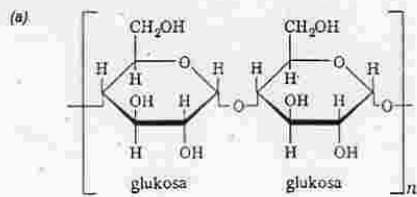


Cellulose
(β -1,4 linkages)

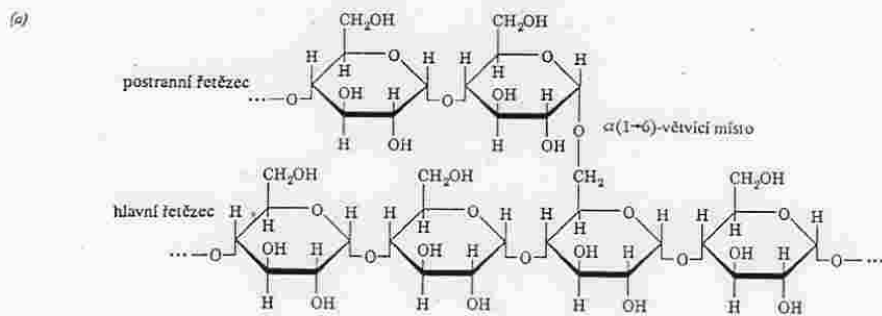


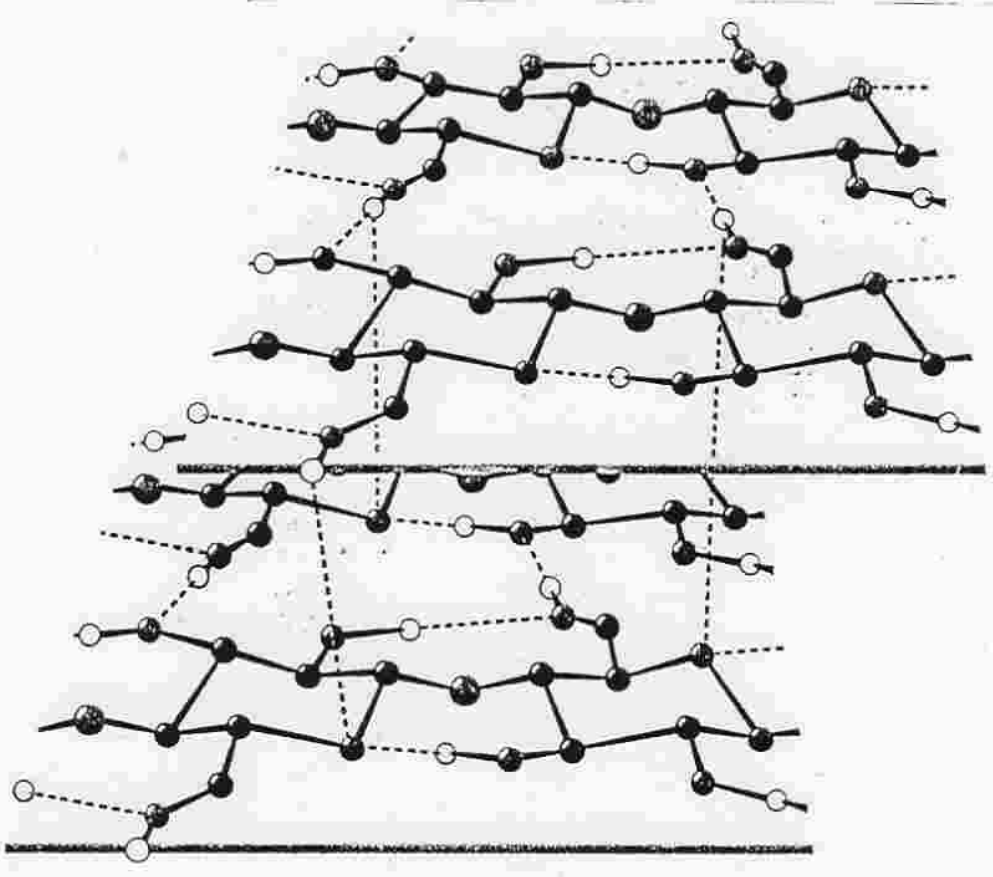
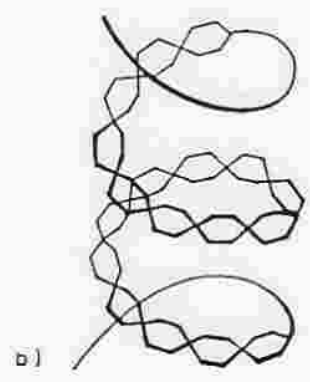
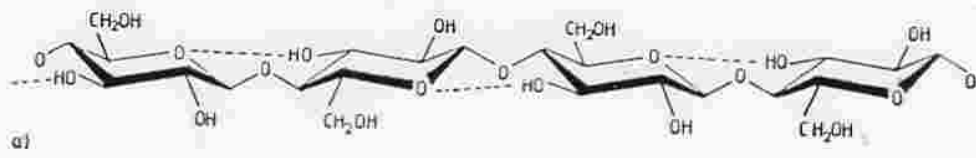
Starch and Glycogen
(α -1,4 linkages)

AMYLOSA



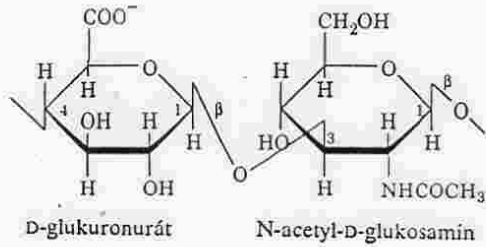
AMYLOPEKTIN



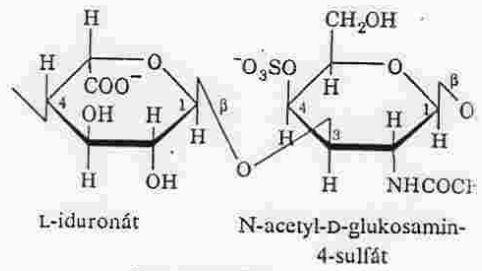


CELULOSA

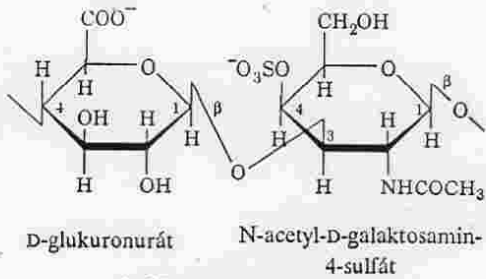
HETEROPOLYSACHARIDY - glykosaminoglykany



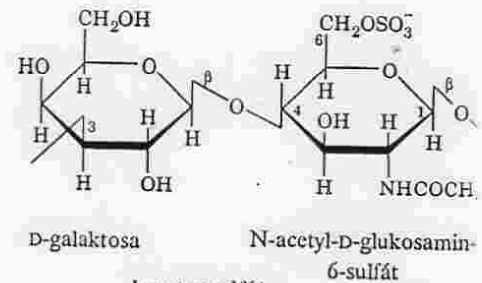
hyaluronát



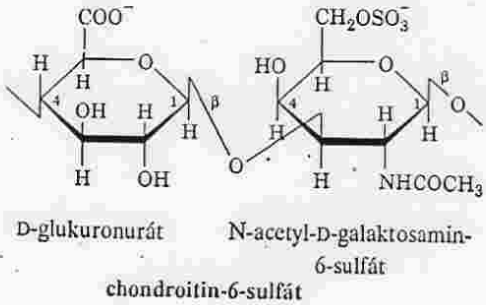
dermatansulfát



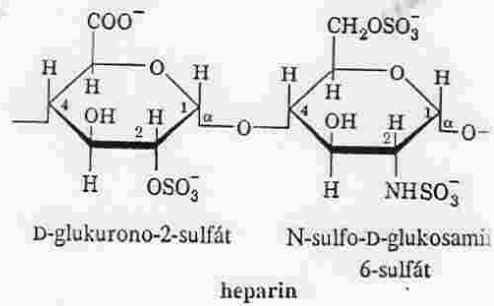
chondroitin-4-sulfát



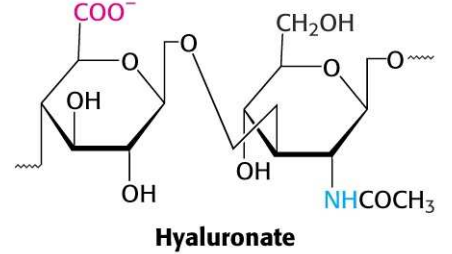
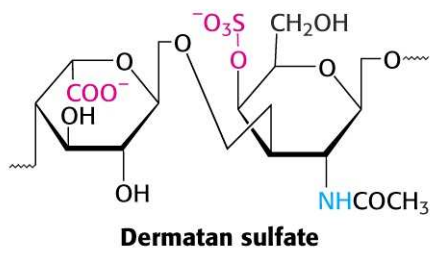
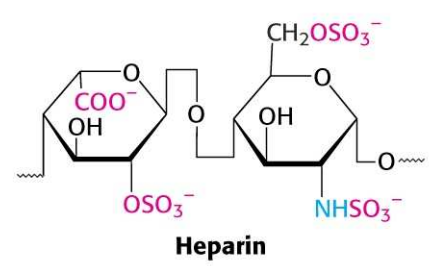
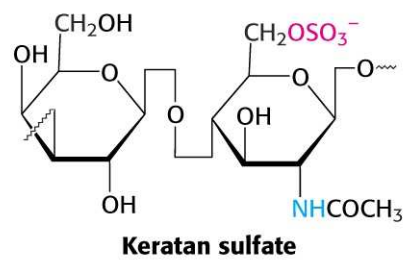
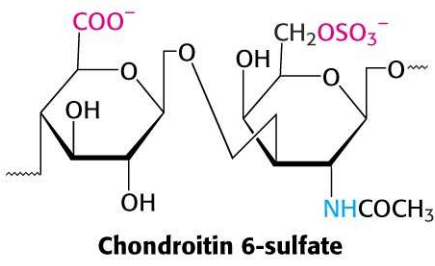
keratansulfát



chondroitin-6-sulfát



heparin



(A)

