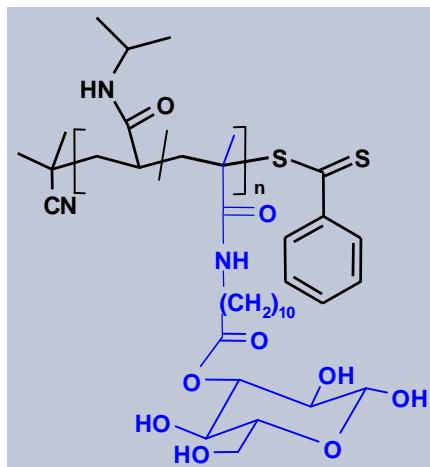


Immobilized thermoresponsive glyco block copolymers



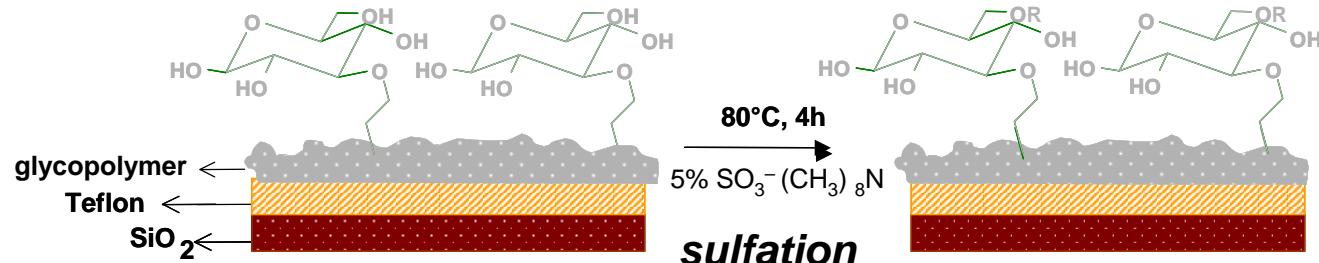
BC 7,
40 mol% sugar

→ *Heparin like cell interactions can be mimicked*

Sugar containing polymer

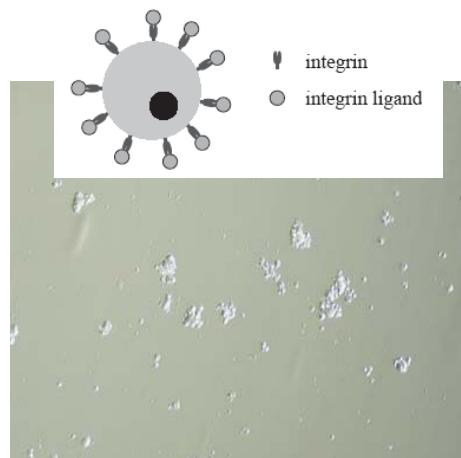
PTFE
Glass
Plasma immobilization

one sulfate group for every
second repeat unit

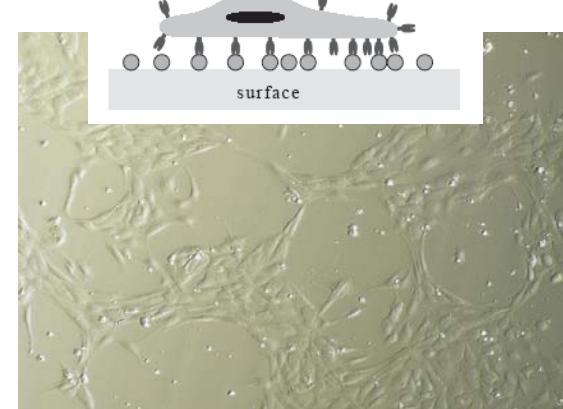


Endothelial cell cultures

Phase contrast images of
EC cultivation (FGF+ FN-)
on sulfated polymer
surface after 2 days



2 days: non-sulfated: apoptosis,



sulfated: proliferation

**Cells proliferate well
without FN and serum!**