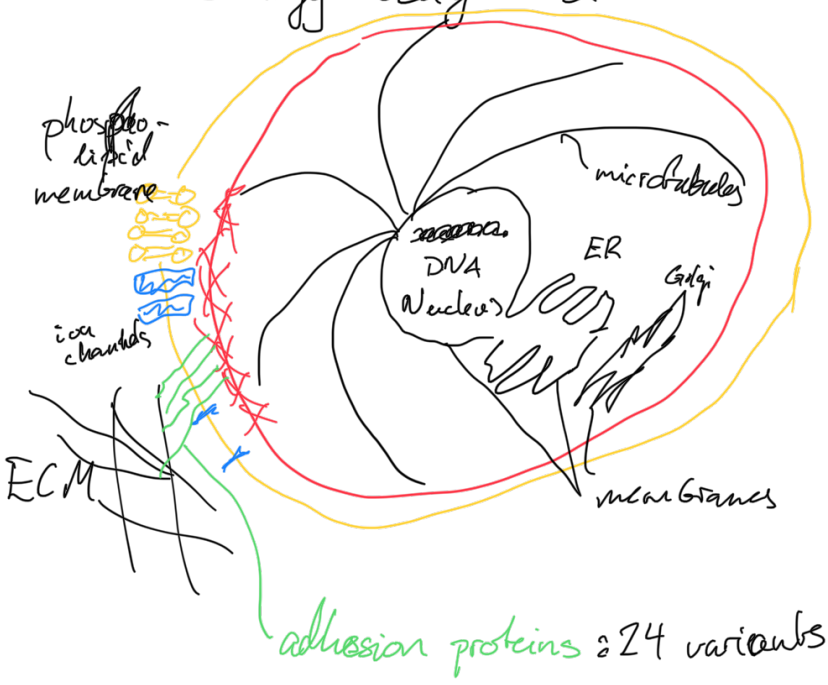
Physics of adherent cells, part 3

p 1336 → Biology background



Animal cells are alike from soft matter perspective

adhesion proteins: 24 variants of integrin family

cells in suspension

like droplet

on surfaces





top view



pushed out by actin polymerization

Pushing force



acto-myosin contractile stress fibres



Stress fibers
⇒ pulling force