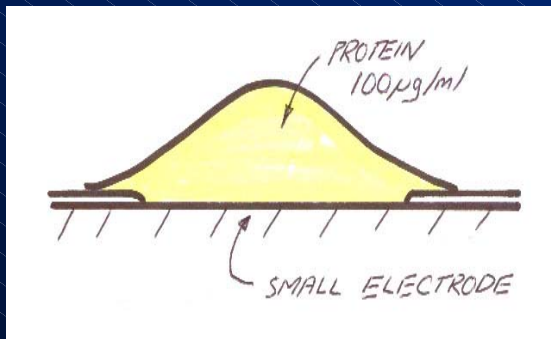


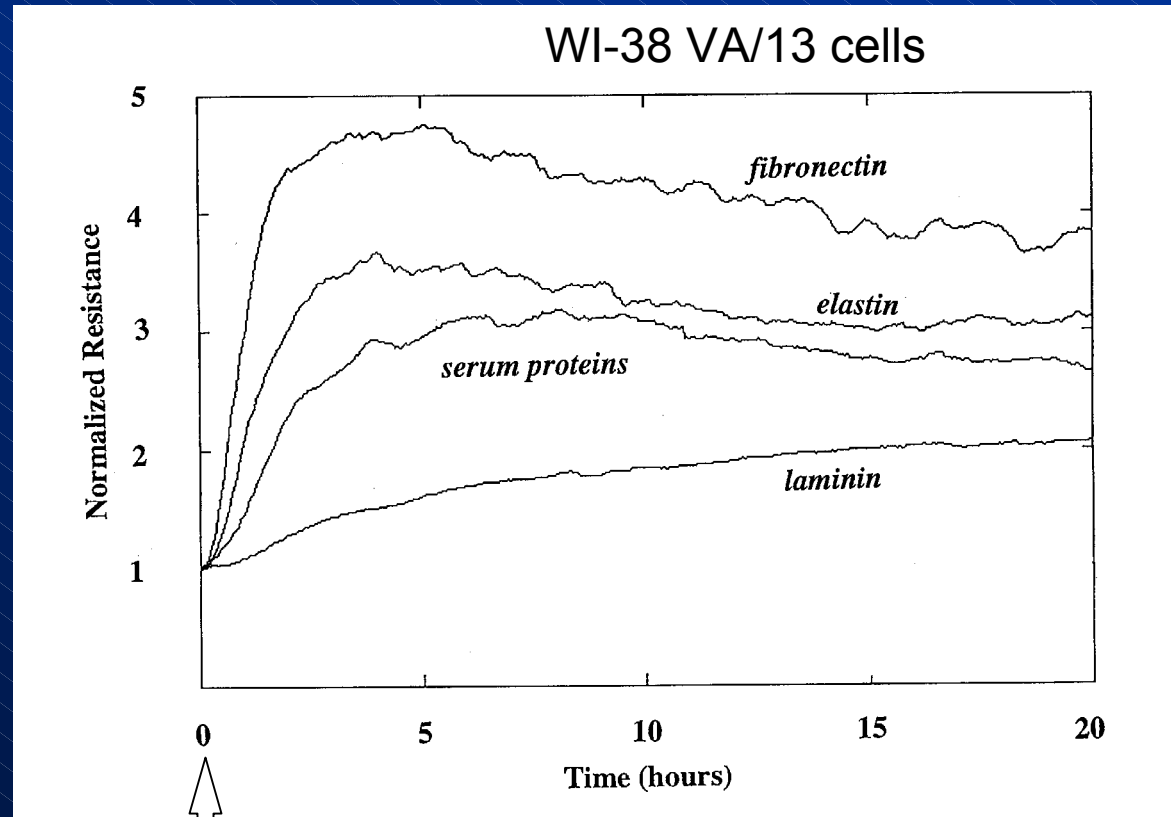
The Dynamics of Cell Spreading



Adsorbed proteins alter cell spreading dynamics



Electrodes were pre-coated with different layers of adsorbed protein before cell inoculation



Cell inoculation
 10^5 cells/cm²



Cell-free

Capacitance at high freq. measures the open (cell-free) electrode area

MDCK II cells inoculated on electrodes pre-coated with various proteins

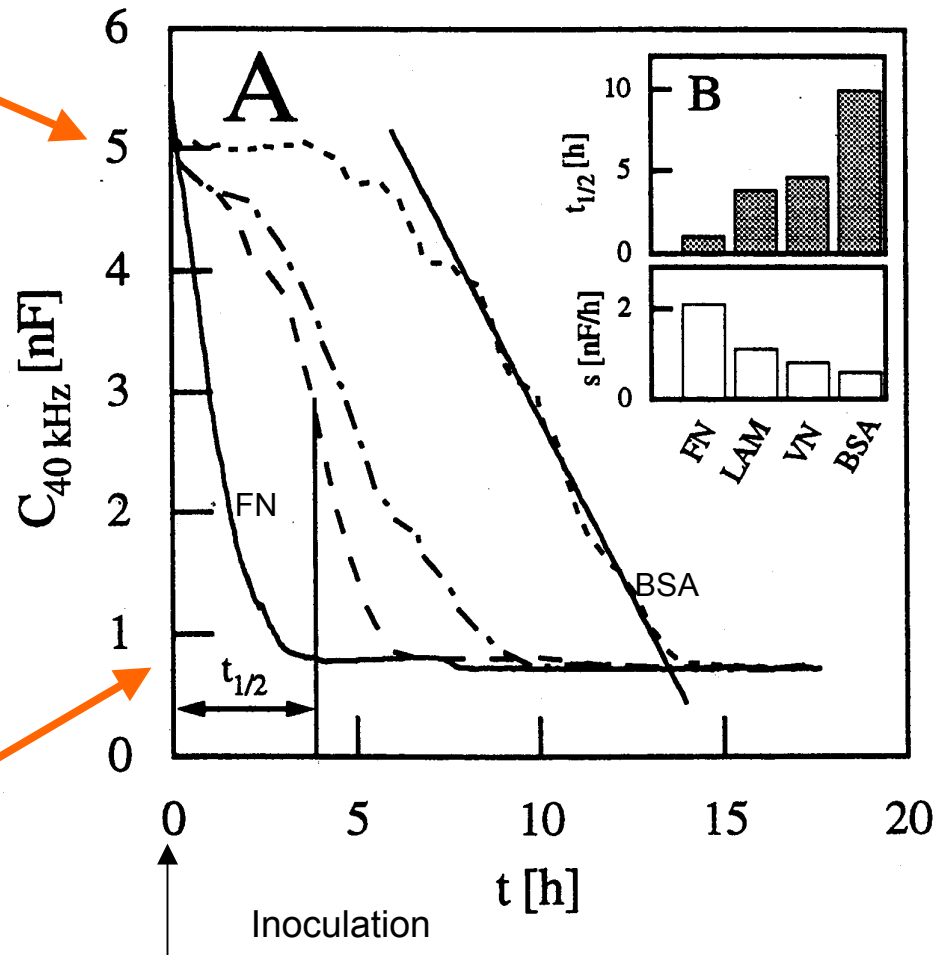
FN fibronectin

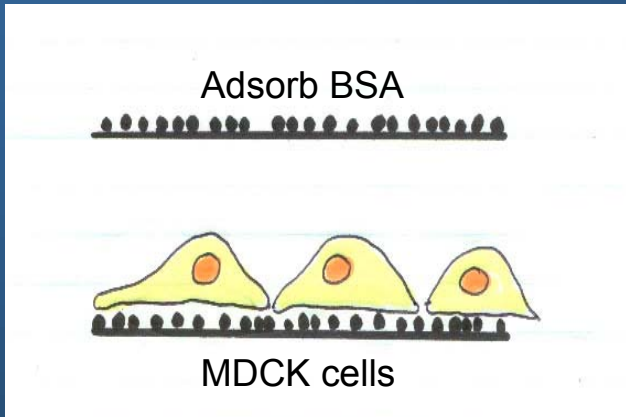
LAM laminin

VN vitronectin

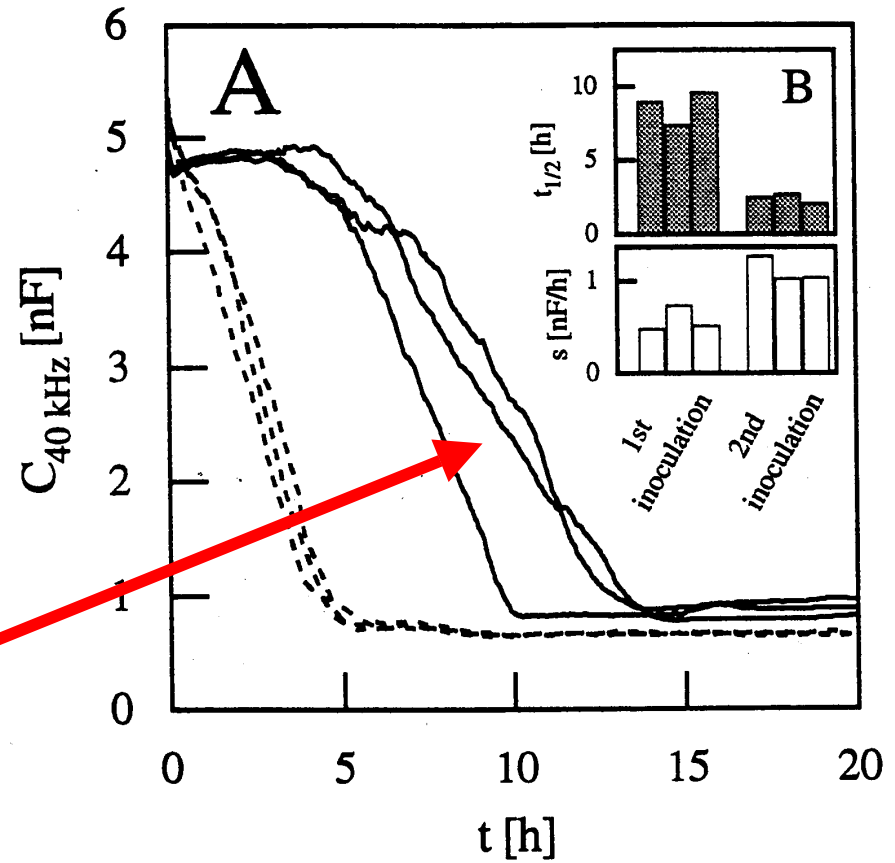
BSA bovine serum albumin

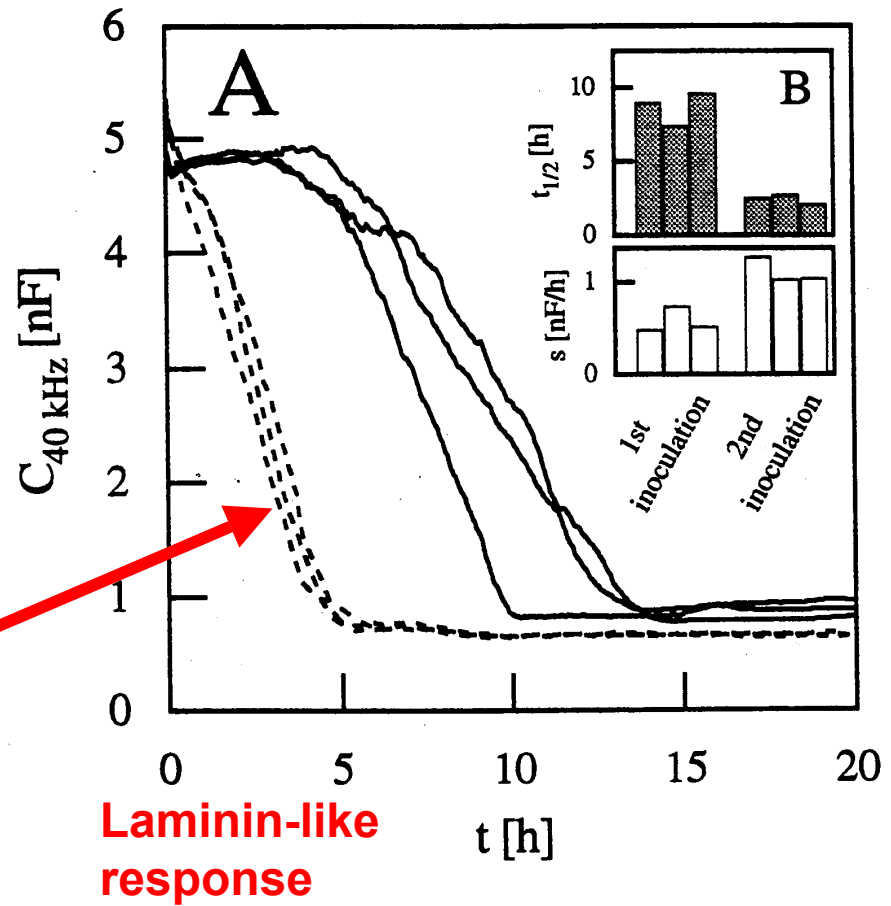
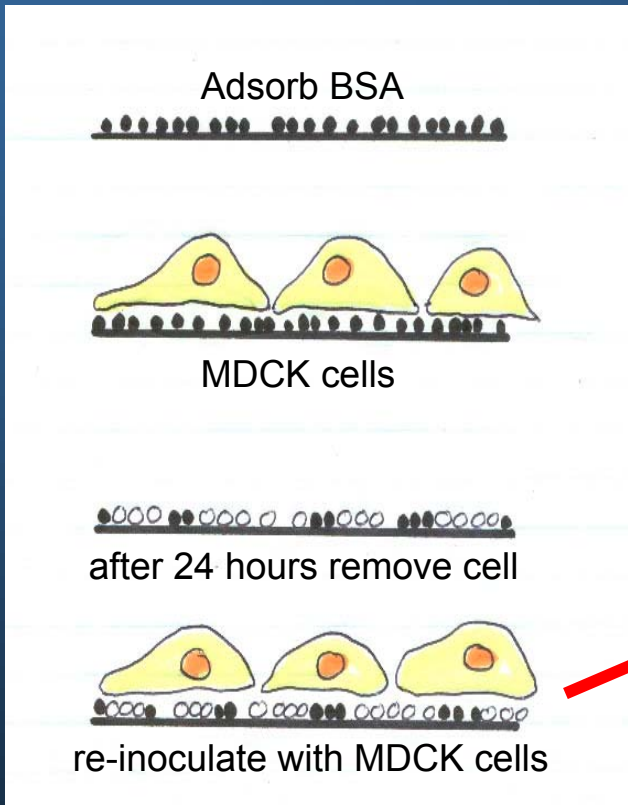
Confluent



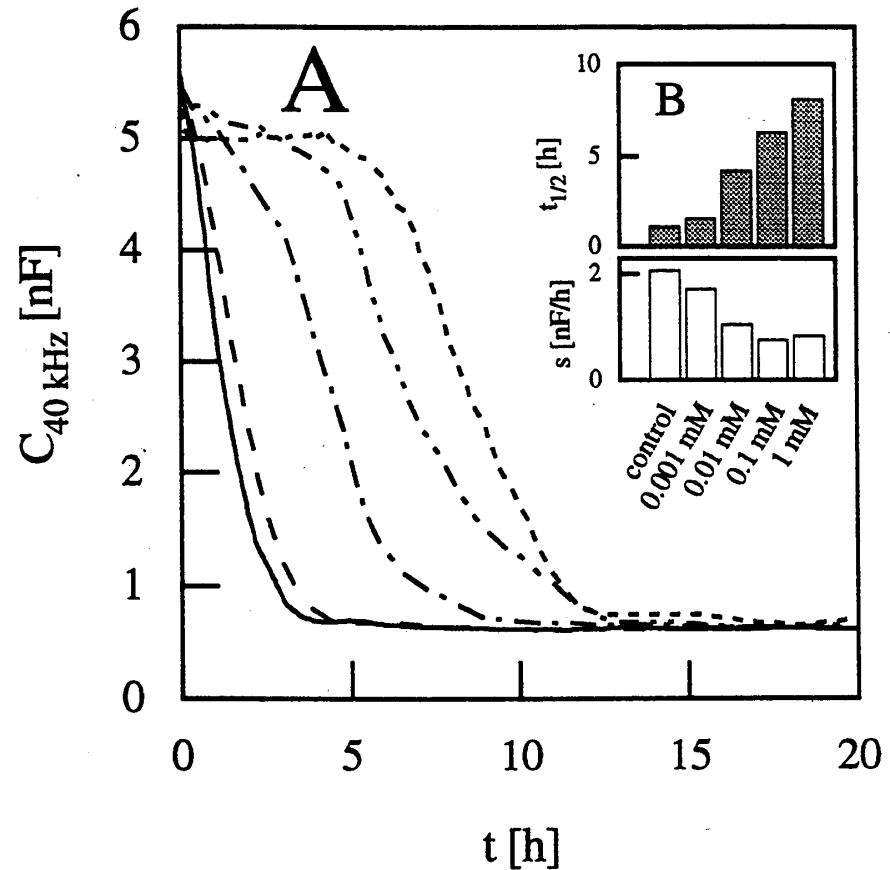


BSA is adsorbed to the electrodes and they are inoculated with MDCK cells

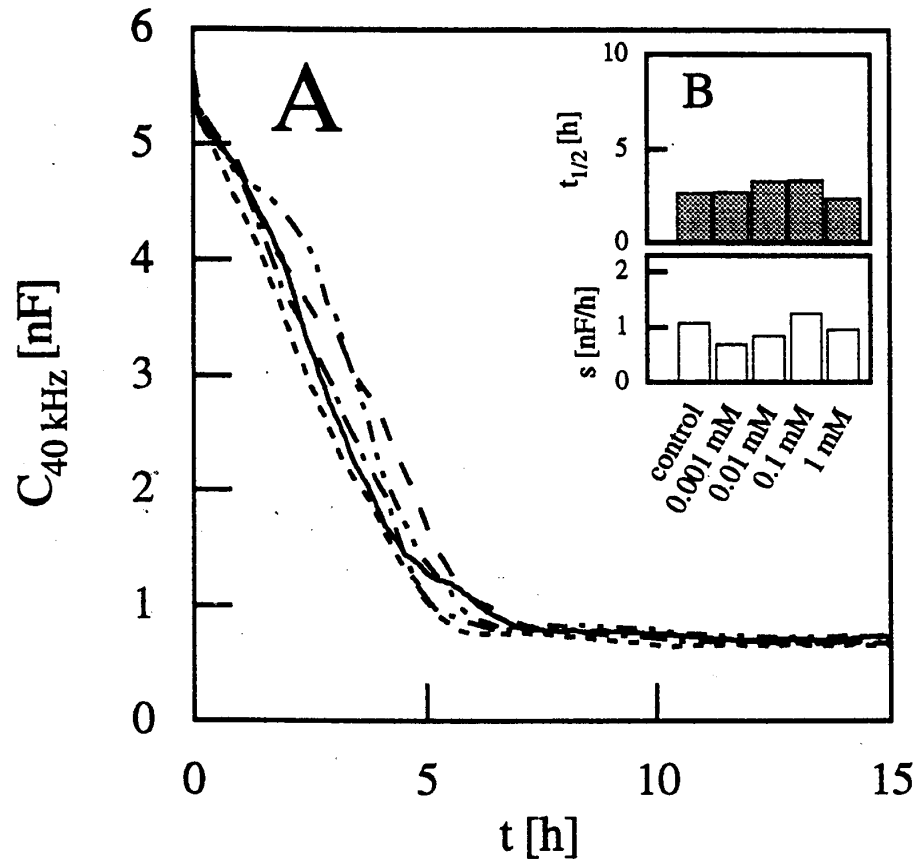




MDCK cells inoculated on fibronectin-coated electrodes with different concentrations of synthetic tetrapeptide RGDS present



MDCK cells inoculated on laminin-coated electrodes with different concentrations of synthetic tetrapeptide RGDS present



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