

ME 498 / ME 599

Biological Frameworks for Engineers

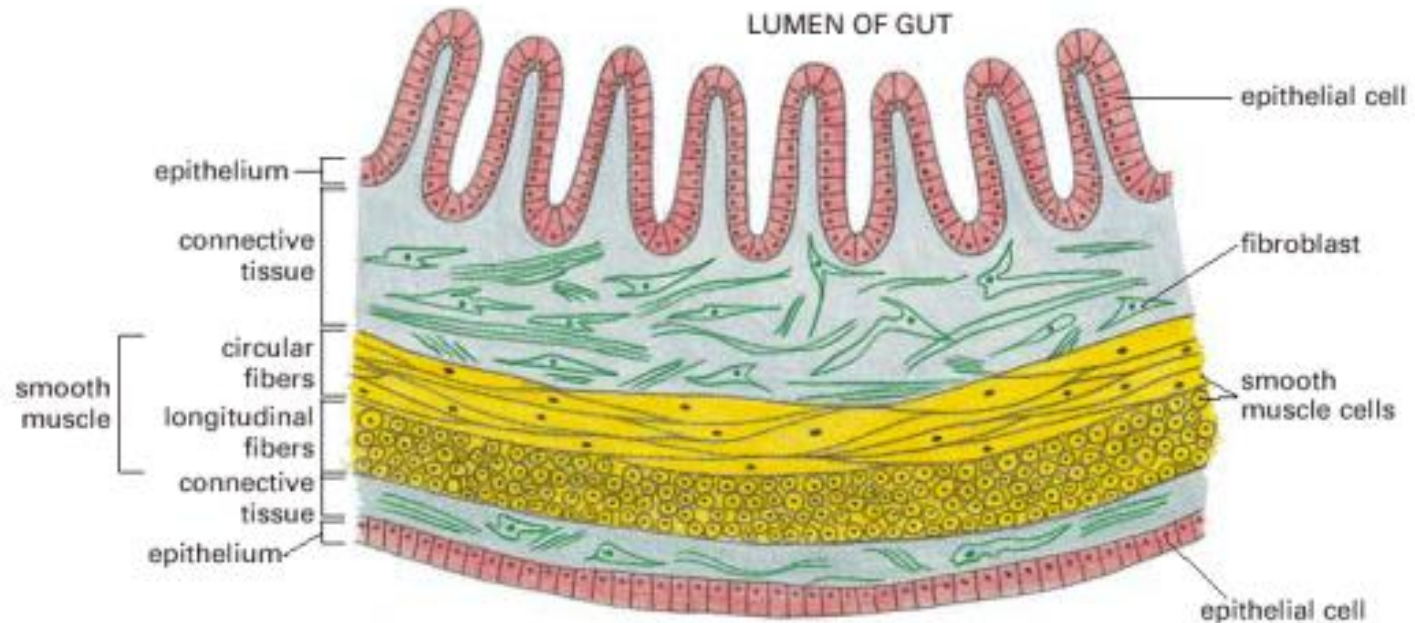
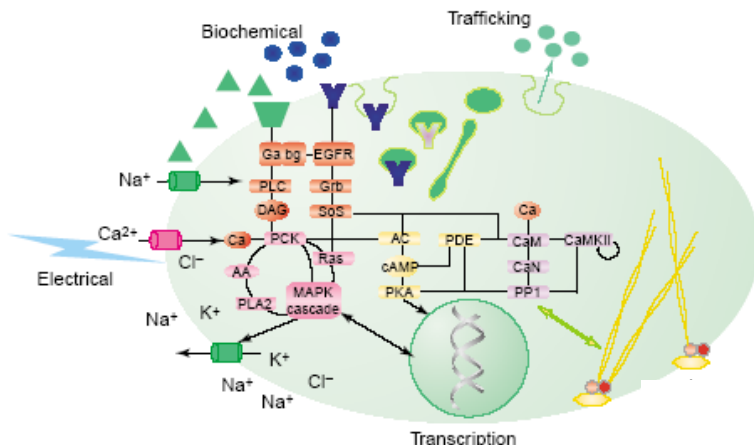
Class Organization

- Exam 1, take-home, Wed 11/2/11
 - Send to nsniadec@u.w by 5pm

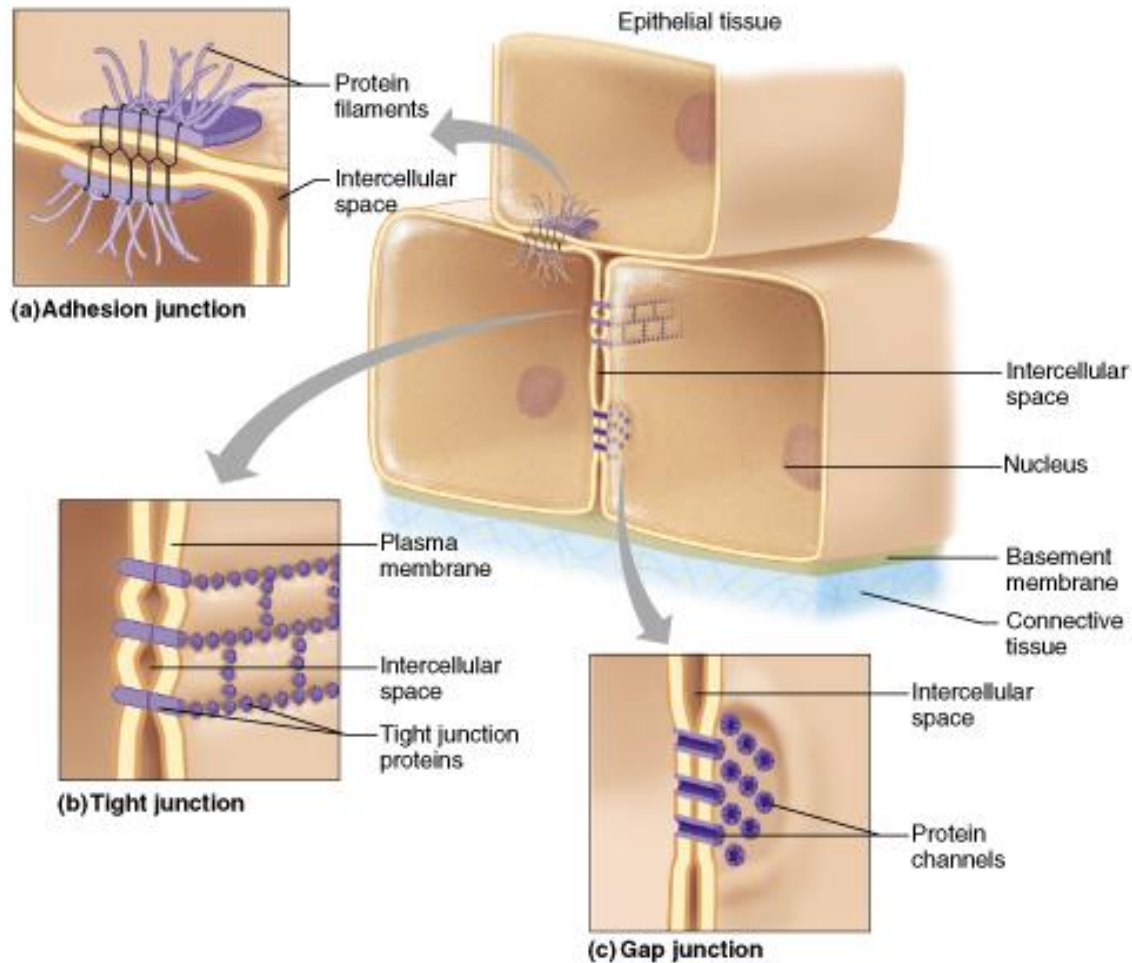
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Cell Interactions

No Cell is an Island

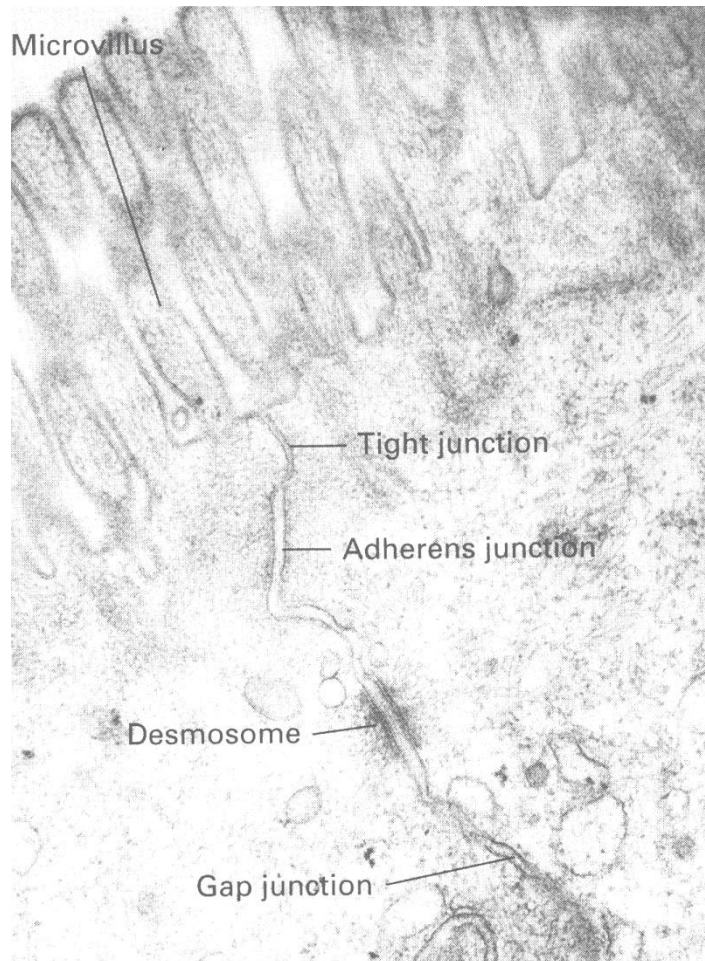


Cell-to-Cell



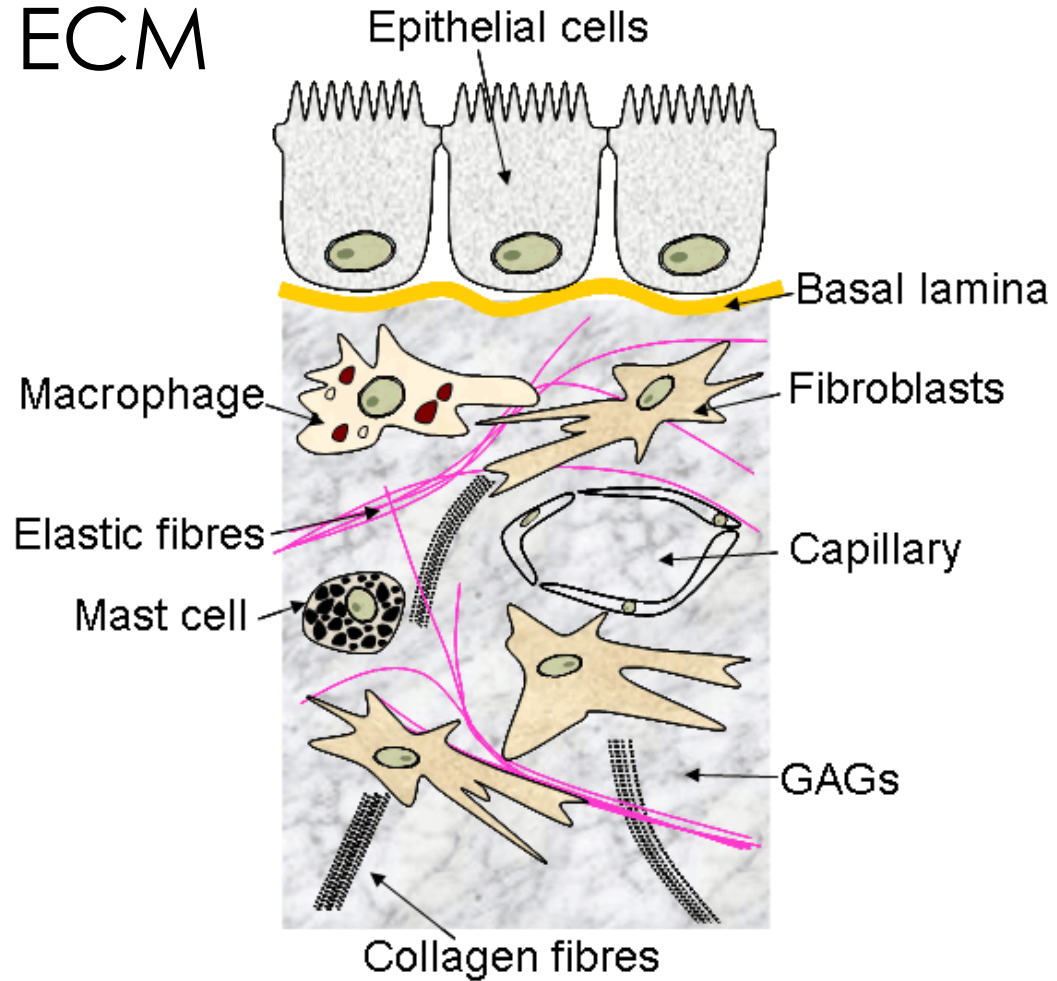
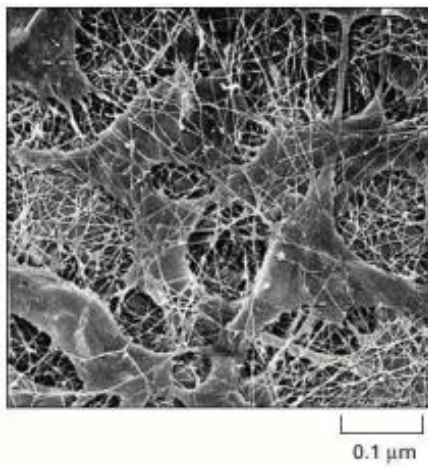
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Cell-to-Cell

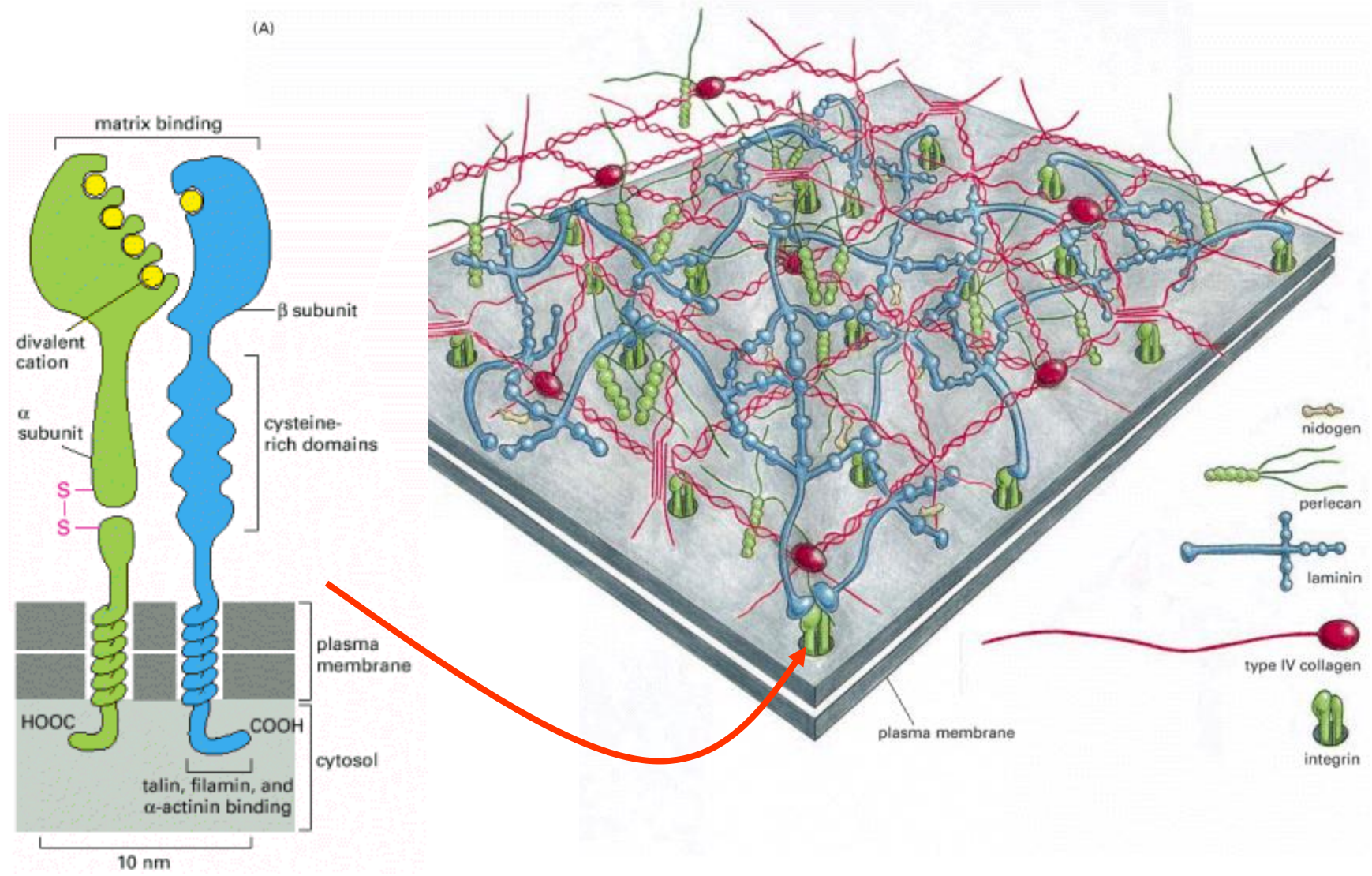


Cell-to-ECM

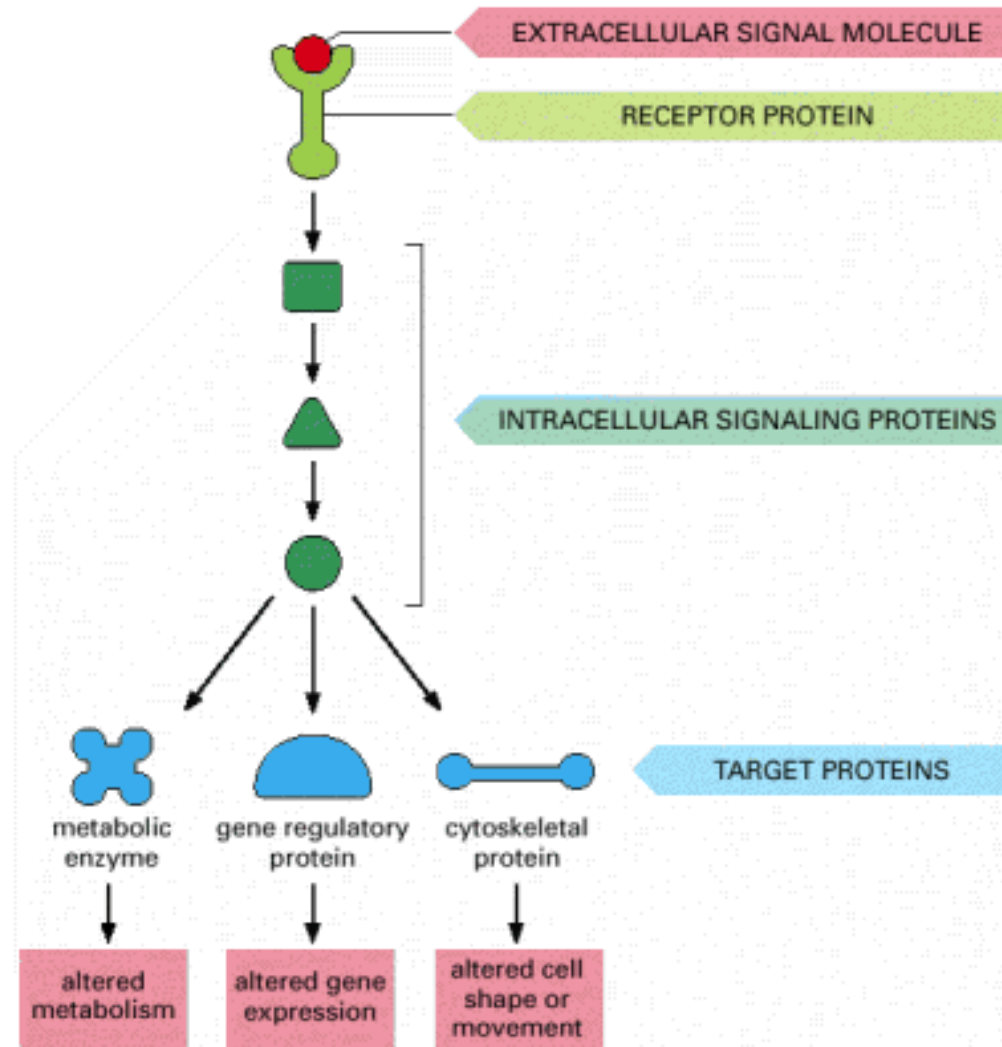
- Tissue = cells + ECM



Integrins

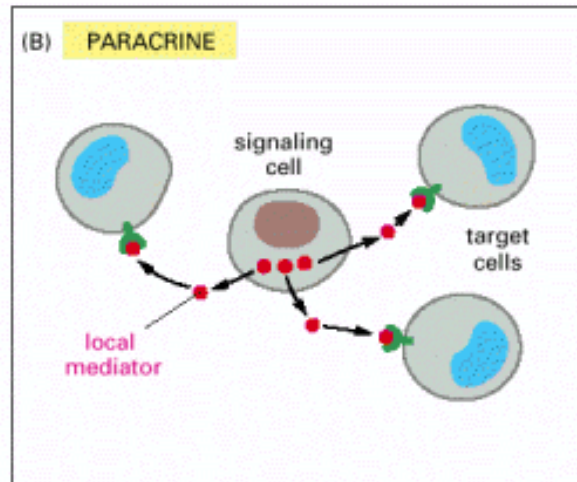
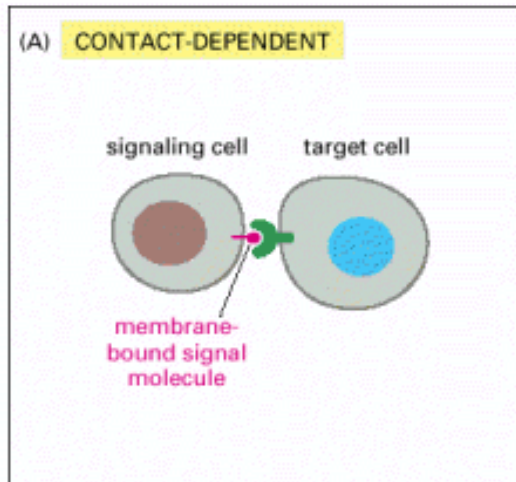


Receptors



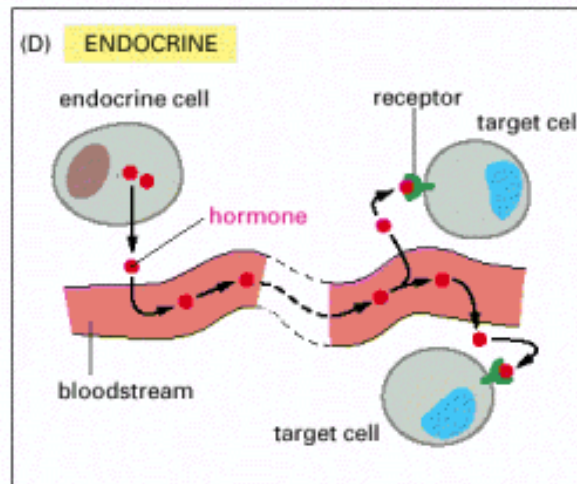
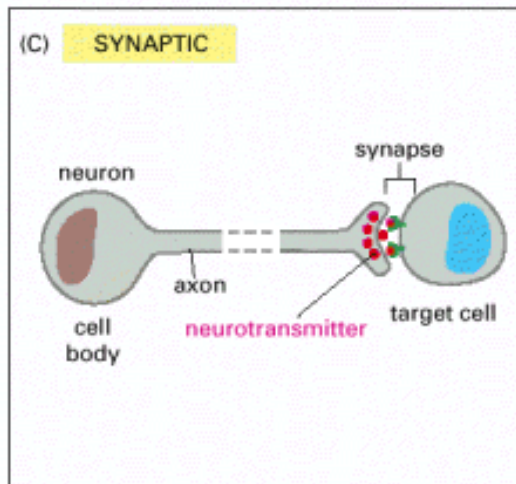
Cell Communication

Very Local



Local

Local



Distance

Questions?