Cours 2-Physique du cytosquelette

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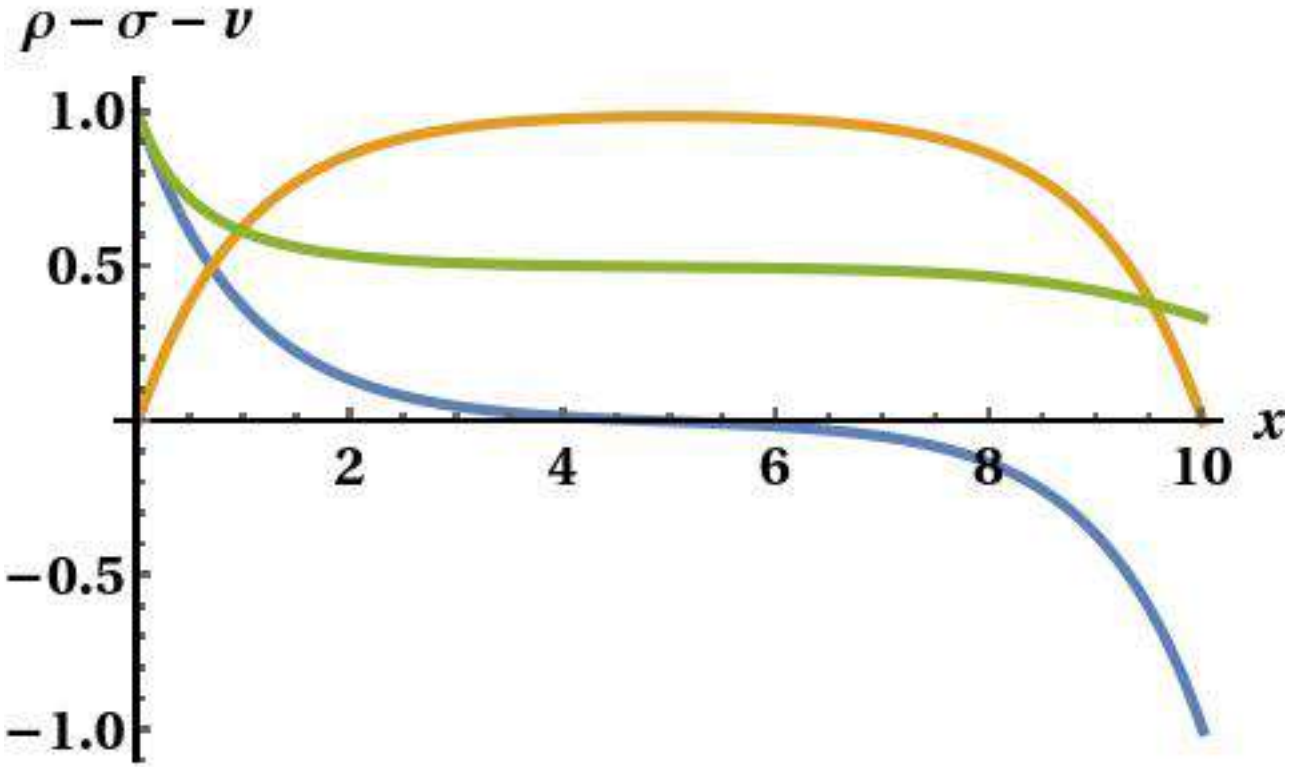
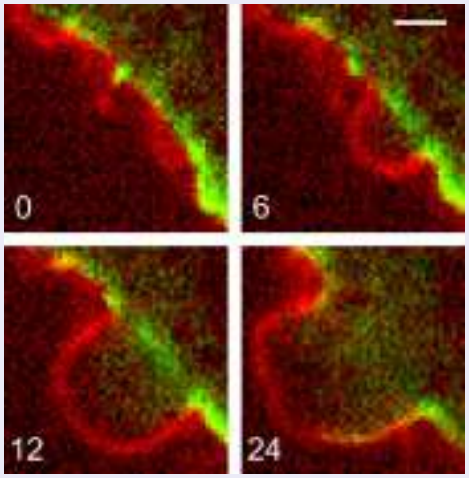
Modèle simplifié de motilité cellulaire



Actine corticale

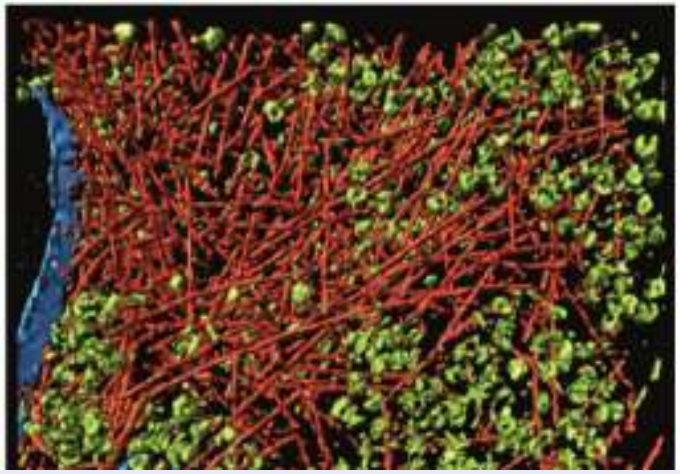
Microscopie optique



Charras

- Couche d'acto-myosine
- Polymerisation à la surface (formines)
- Temps de renouvellement $\sim$ 30s

Microscopie électronique



Medalia

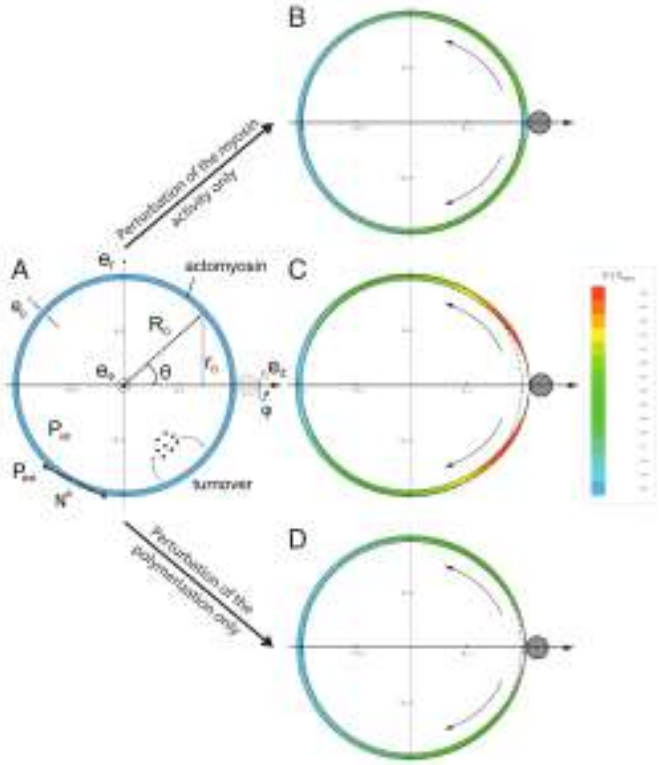
- Couche d'actine dense
- Epaisseur $\sim 0.3\mu$m
- Filaments parallèles à la membrane plasmique

Actine Corticale

E. Paluch

S. Grill

Actine Corticale



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