

Cours 5-Appareil de Golgi

J.F. Joanny

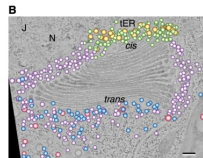
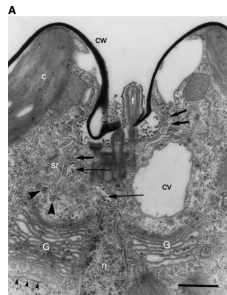
Cours 5, Collège de France, 23 février 2026



Modèles de l'appareil de Golgi *Glick and Luini*

Contraintes expérimentales

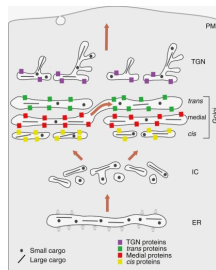
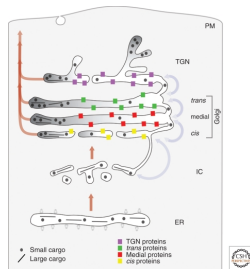
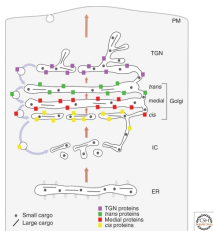
- ▶ Existence de compartiments distincts et discrets
- ▶ Polarisation du Golgi et de la distribution des protéines Golgiennes
- ▶ Onde de sécrétion des cargos
- ▶ Rôle et distribution des vésicules dans le Golgi
- ▶ Cinétique exponentielle de la sortie des cargos
- ▶ Jonctions hétérotypiques et homotypiques
- ▶ Transport des gros cargos



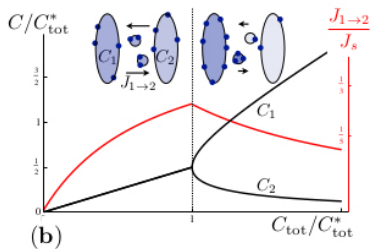
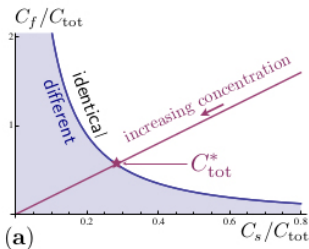
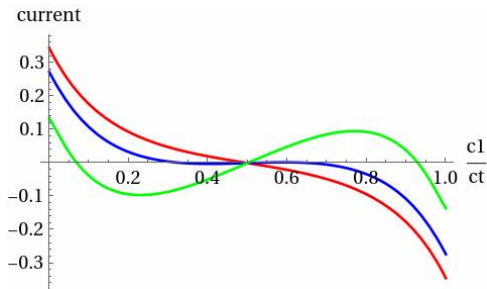
Modèles de l'appareil de Golgi Glick and Luini

Raffinement des modèles

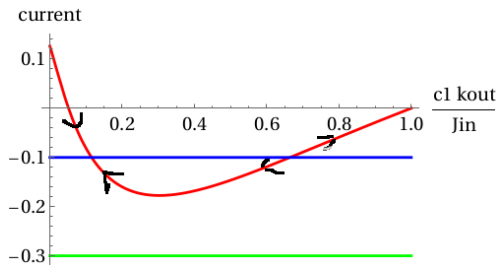
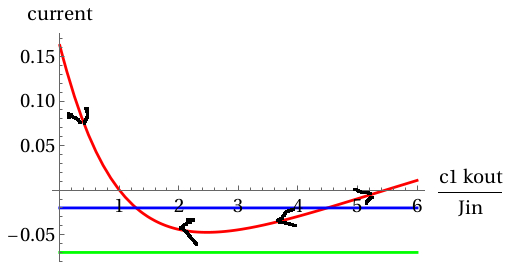
- Transport Vésiculaire antérograde
- Progression des citernes et maturation

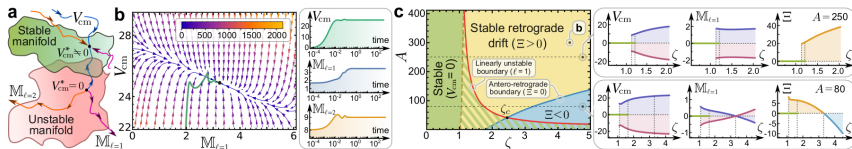
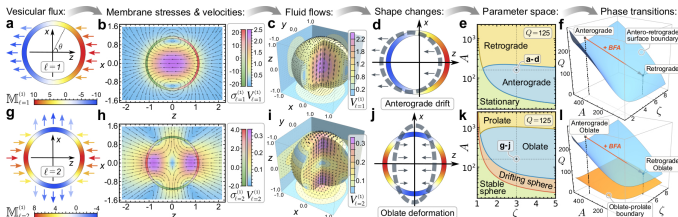


Hétérogénéité des compartiments membranaires Dmitrieff et Sens

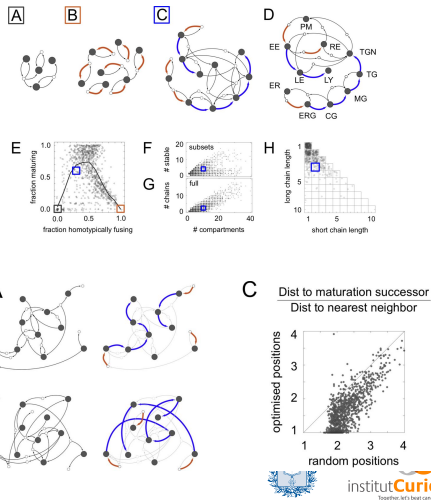
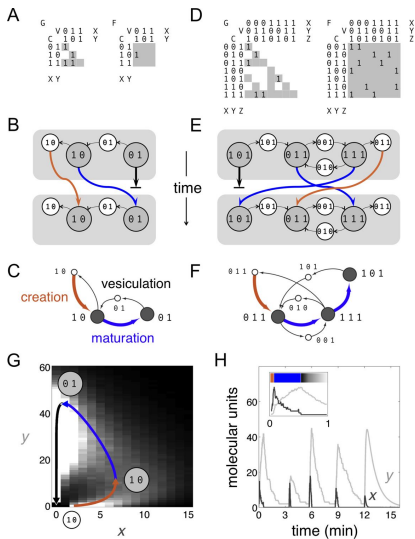


Hétérogénéité dans un système ouvert

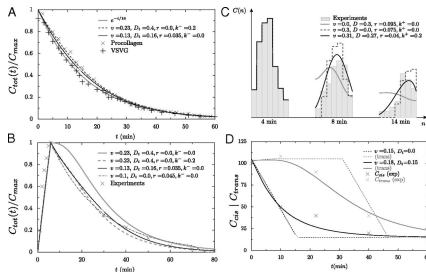
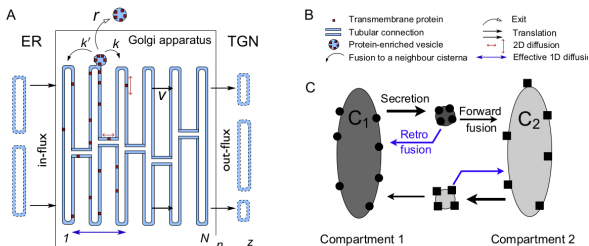




Théorie Booléenne de l'appareil de Golgi Mani et Tatthai



Transport de protéines de sécrétion à travers le Golgi Dmitrieff, Rao et Sens



Transport de protéines du Golgi Dmitrieff, Rao et Sens

