

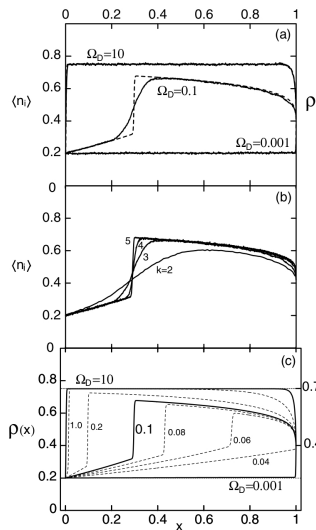
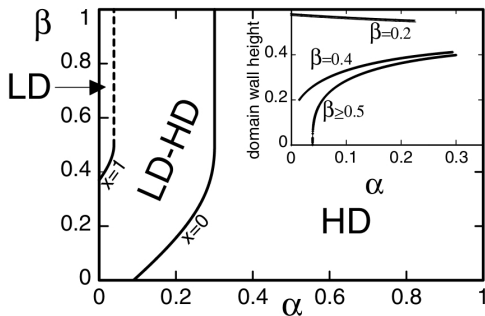
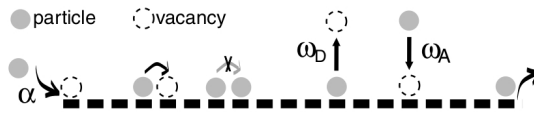
Cours 3-Transport actif, moteurs moléculaires

J.F. Joanny

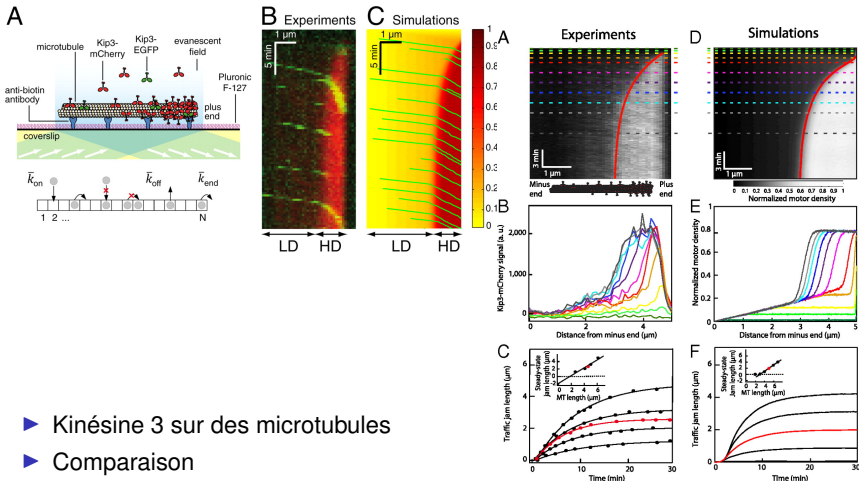
Cours 3, Collège de France, 09 février 2026



Transport actif sur un filament *Parmeggianni et al.*

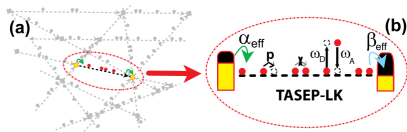
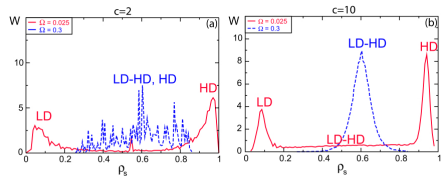
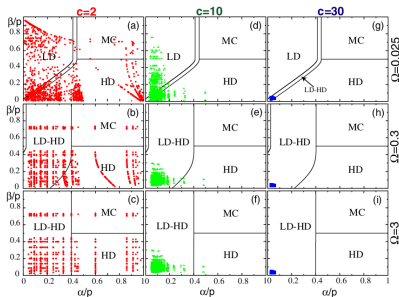
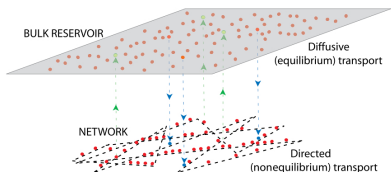


Embouteillage sur les microtubules Leduc et al.

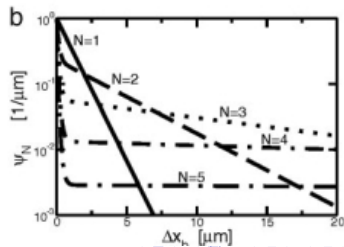
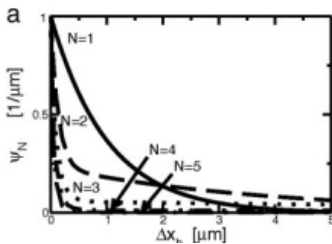
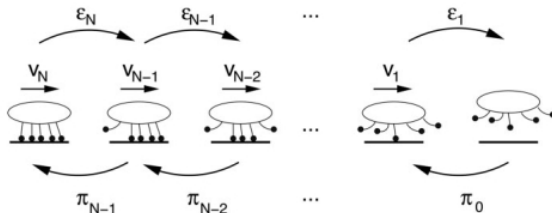


- Kinésine 3 sur des microtubules
- Comparaison expériences-simulations numériques

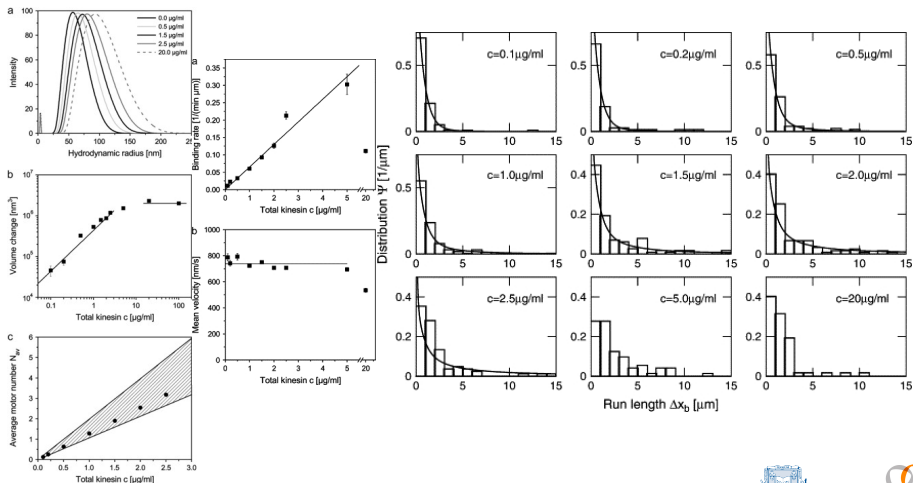
Transport sur un réseau de filaments Neri et al.



Transport de cargos Klumpp and Lipowsky



Transport de billes par des moteurs moléculaires *Beeg et al.*



- ▶ Nombre de moteurs par vésicules entre 2 and 7
- ▶ Nombre de moteurs actifs entre 1 et 3



Bourgeoisement de vésicules de sécrétion *Foret and Sens*

