SYSTÈME ENDOMEMBRANAIRE

**Généralités**

**+ Compartimentalisation** ([1](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_01.jpg))

**+ Flux membranaires** ([2](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_02.jpg))  
Vectoriel ([3](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_03.jpg),[4](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_04.jpg))  
A partir des endosomes ([5](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_05.jpg))  
Rétrograde([6](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_06.jpg))

**Protéogénèse/Traduction**

Généralités ([7](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_07.jpg))  
Ribosomes ([8](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_08.jpg))  
Initiation ([9](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_09.jpg))  
Elongation ([10](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_10.jpg),[11](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_11.jpg))  
Terminaison ([12](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_12.jpg),[13](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_13.jpg),[14](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_14.jpg))

**Reticulum endoplasmique**

**+ Généralités** ([15](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_15.jpg),[16](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_16.jpg" \t "_blank))

**+ Translocation, synthèse des protéines** ([17](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_17.jpg),[18](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_18.jpg" \t "_blank),[19](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_19.jpg))

**+ Glycosylation, autres modifications post-traductionnelles** ([20](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_20.jpg),[21](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_21.jpg" \t "_blank),[22](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_22.jpg))

**+ REL** ([23](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_23.jpg))

**+ Échanges de lipides/autres compartiments** ([24](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_24.jpg),[25](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_25.jpg" \t "_blank))

**+ Exemples de pathologie**  
Mucoviscidose ([26](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_26.jpg),[27](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_27.jpg),[28](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_28.jpg))  
Déficit en alpha1-antitrypsine ([29](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_29.jpg))  
Protéines toxiques dans les maladies neurodégénératives ([30](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_30.jpg))

**+ Sortie du REG/transport vésiculaire** ([31](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_31.jpg),[32](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_32.jpg),[33](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_33.jpg),[34](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_34.jpg),[35](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_35.jpg))

**Golgi**

Généralités ([36](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_36.jpg),[37](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_37.jpg),[38](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_38.jpg))  
Fonctions ([39](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_39.jpg))  
Sortie du Golgi/Voies d’exportation des protéines ([40](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_40.jpg),[41](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_41.jpg),[42](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_42.jpg),[43](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_43.jpg),[44](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_44.jpg))  
Exemples de pathologie : déficits en protéine C

**Endosomes**

**+ Généralités** ([45](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_45.jpg))

**+ Exemples de pathologie**  
Prions ([46](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_46.jpg),[47](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_47.jpg),[48](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_48.jpg))  
Maladie d’Alzheimer ([49](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_49.jpg),[50](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_50.jpg))

**Lysosomes**

**+ Généralités** ([51](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_51.jpg),[52](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_52.jpg))

**+ Fonctions** ([53](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_53.jpg),[54](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_54.jpg))

**+ Biogénèse**

**+ Résumé des fonctions** ([55](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_55.jpg))

**+ Exemples de pathologie**  
Héréditaires ([56](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_56.jpg))  
Acquises ([57](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_57.jpg))

**Peroxysosomes**

Généralités ([58](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_58.jpg),[59](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_59.jpg))  
Fonctions  
Exemples de pathologie ([60](http://biocell.univ-nantes.fr/wp-content/uploads/2014/05/Trafic-schemas-2015_Page_60.jpg))