

ANAT 565. DISEASES-MEMBRANE TRAFFICKING.

Credits: 3

Offered by: Anatomy and Cell Biology (Faculty of Science)

This course is not offered this catalogue year.

Description

This course will examine how research into diseases has played a key role in unraveling the intricate molecular mechanisms controlling membrane trafficking in mammalian cells. Membrane trafficking disorders fall into two groups those arising from a) membrane-associated or b) cytoskeletal defect. Topics include a) mechanisms of endosomal maturation, lysosomal storage disorders and rab protein-mediated vesicular trafficking and b) rho GTPase and cytoskeletal binding protein mediated trafficking associated with neurological diseases and cancer.

- Prerequisite: ANAT 365

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