Stockholm University

INRÄTTANDE AV STIPENDIUM
FORSKAR/POSTDOKTORNIVÅ
DBB

Projektnamn

Biophysical characterization of asymmetric membranes with cryo-EM

Typ av stipendium (forskar/postdoc)

Postdoc

Utlysningstext

The two leaflets of biological membranes can be asymmetric in both lipid composition and overall lipid abundance, and these asymmetries can induce elastic stresses within the membrane. Despite relevant theoretical and computational developments, experimental characterization of such asymmetry-induced elastic stresses is still lacking. The goal of the project is to fill this gap by investigating the application of cryo-EM, which has been shown to provide structural information for symmetric lipid bilayers, to detect and analyze

Ansökningar skickas till my.jegenberg@dbb.su.se

Stipendietid

2025-11-19 - 2026-11-18

Stipendiebelopp

36.750 SEK / month

Anslag/Finansiering/Kostnadsbärare

DDLS fellowship

Stipendiet ska utlysas i tre veckor på institutionens hemsida.

Stipendiet inrättas av Stockholms Universitet fastställda reglerna.

Datum:

Prefekt

Milka Doktorova

Gruppledare