

Title (en)

METHOD OF PREPARING SUPPORTED LIPID FILM MEMBRANES AND USE THEREOF

Title (de)

VERFAHREN ZUR HERSTELLUNG GETRÄGERTER LIPIDFILMMEMBRANEN UND VERWENDUNG DAVON

Title (fr)

PROCEDE DE PREPARATION DE MEMBRANES A FILM LIPIDIQUE SUR SUPPORT ET UTILISATION DE CELLES-CI

Publication

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Application

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Abstract (en)

[origin: WO02072873A1] The present invention relates to a method of preparing a substrate surface supporting a lipid film membrane structure, which method comprises the steps of: a) contacting a substrate surface with an aqueous liquid containing detergent/lipid mixed micelles to adhere detergent/lipid mixed micelles to the substrates surface, and then b) contacting the substrate surface having detergent/lipid mixed micelles adhered thereto with an aqueous liquid substantially free from detergent to elute the detergent molecules from the adhered mixed micelles and make the remaining lipid molecules assemble into a lipid film membrane structure on the substrate surface. The invention also relates to a substrate supporting a lipid film membrane structure as prepared by the method, the use of a substrate supporting a lipid film membrane structure as prepared by the method for molecular interaction studies, and a substrate surface for use in the method.

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