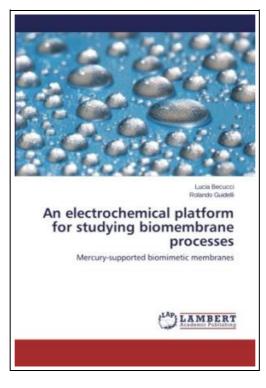
An electrochemical platform for studying biomembrane processes



Filesize: 1.27 MB

Reviews

It in just one of the best publication. This can be for anyone who statte that there was not a well worth reading through. Once you begin to read the book, it is extremely difficult to leave it before concluding. (Tara Jerde)

AN ELECTROCHEMICAL PLATFORM FOR STUDYING BIOMEMBRANE PROCESSES



LAP Lambert Academic Publishing Jun 2014, 2014. Taschenbuch. Book Condition: Neu. 220x150x8 mm. Neuware - Tethered bilayer lipid membranes, tBLMs, are biomimetic membranes consisting of a lipid bilayer interposed between the aqueous solution and a hydrophilic chain, called spacer, anchored to a metal electrode, which are used to incorporate single peptides or membrane proteins, so as to elucidate their structure-function relationships. Hg is a particularly convenient supporting electrode material for tBLMs thanks to its liquid state, which imparts to the lipid bilayer a fluidity and lateral mobility comparable with that of biological membranes, but with a much higher robustness and resistance to electric fields. The free movement of lipid molecules enables mercury-supported tBLMs to react to the presence of proteins, charges and physical forces in a dynamic and responsive manner, mimicking the functionality of living cell membranes. This review describes the way in which the structure of these tBLMs is affected by the incorporation and functional activity of peptides and small proteins and the mode of formation of ohmic or voltage gated ion channels, by using electrochemical impedance spectroscopy, potential-step chronocoulometry, cyclic voltammetry and phase-sensitive AC voltammetry. 128 pp. Englisch.

Read An electrochemical platform for studying biomembrane processes Online
Download PDF An electrochemical platform for studying biomembrane processes

Relevant PDFs

_

Johnny Goes to First Grade: Bedtime Stories Book for Children s Age 3-10. (Good Night Bedtime Children s Story Book Collection)

Createspace, United States, 2013. Paperback. Book Condition: New. Malgorzata Gudziuk (illustrator). Large Print. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Do you want to ease tension preschoolers have... Save eBook »

Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1624-1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now... Save eBook >>

Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselues By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you... Save eBook »

	=		

Slave Girl - Return to Hell, Ordinary British Girls are Being Sold into Sex Slavery; I Escaped, But Now I'm Going Back to Help Free Them. This is My True Story.

John Blake Publishing Ltd, 2013. Paperback. Book Condition: New. Brand new book. DAILY dispatch from our warehouse in Sussex, all international orders sent Airmail. We're happy to offer significant POSTAGE DISCOUNTS for MULTIPLE ITEM orders. Save eBook >

Way it is

Second Story Press. Paperback. Book Condition: new. BRAND NEW, Way it is, Donalda Reid, It's the 1960s - the time for equal rights, peace, and love. But for Ellen Manery, it's the time to work...

Save eBook »