

Download Membranes From Biological Functions To Therapeutic Applications

There are three types of EVs that are differentiated based on their intracellular origins: apoptotic bodies, microvesicles and exosomes 2. Apoptotic bodies have a size ranging from 50 to 5000 nm and contain cellular contents such as deoxyribonucleic acid (DNA), ribonucleic acid (RNA) and histone proteins. During apoptosis, apoptotic bodies present these contents to macrophages, which results in ... In biology and biochemistry, a lipid is a biomolecule that is soluble in nonpolar solvents. Non-polar solvents are typically hydrocarbons used to dissolve other naturally occurring hydrocarbon lipid molecules that do not (or do not easily) dissolve in water, including fatty acids, waxes, sterols, fat-soluble vitamins (such as vitamins A, D, E, and K), monoglycerides, diglycerides ... Angewandte H. Kessler et al. Reviews DOI: 10.1002/anie.201205674 Medicinal Chemistry N-Methylation of Peptides and Proteins: An Important Element for Modulating Biological Functions Jayanta Chatterjee, Florian Rechenmacher, and Horst Kessler* Keywords: bioavailability · drug discovery · N-methylation · peptide conformation · peptides Angewandte Chemie 254 www.angewandte.org 2013 Wiley-VCH ... Blended polymers for medical applications were previously defined as those targeted to interface with biological systems to evaluate, address, and augment the function of the body, or replace any tissues or organs (Lee and Mooney, 2012). Currently, biodegradable hydrogel membranes have been applied intensively in the medical market, due to their inherent biocompatibility (Khor et al., 2011, Lee ...