

1. Record Nr.	UNINA9910298421903321
Titolo	Advances in Membrane Proteins : Part I: Mass Processing and Transportation // edited by Yu Cao
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018
ISBN	978-981-13-0532-0 981-13-0532-3
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (183 pages)
Disciplina	572.696
Soggetti	Proteins Pharmaceutical technology Protein Science Pharmaceutical Sciences/Technology Protein Structure
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: Membrane Proteins as Critical Molecules -- Chapter 2: Channels -- Chapter 3: Solute Transporters. Chapter 4. Cytoplasmic Membrane Proteins -- Chapter 5: Nuclear Membrane Proteins: the transportation of genetic materials -- Chapter 6. Membrane Embedded Enzymes and Hydrophobic bio-catalysis.
Sommario/riassunto	The book summarizes advances in biochemical and biophysical property of membrane proteins as well as their applications in biomedicine. It is organised into 2 themed parts. The first volume focuses on mass processing and transportation and provides deep and comprehensive information on specific groups of membrane proteins including channels and transporters, nuclear and cytoplasmic membrane proteins, and membrane embedded enzymes. Their structures, functions, related diseases as well as their roles in drug discovery are fully discussed. Interesting topics cover fundamental concepts, latest progress and critical puzzles yet to be solved. This work will appeal to a wide readership within the membrane structural and functional biology field. Junior scientists could use it to fast track into the field. Advanced scientists will find it helpful to gain a broader

view of the field beyond their area of specialization.

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