



Metal Transporters (Hardback)

By -

Elsevier Science Publishing Co Inc, United States, 2012.
 Hardback. Book Condition: New. New.. 231 x 160 mm. Language: English . Brand New Book. This volume of Current Topics in Membranes focuses on metal transmembrane transporters and pumps, a recently discovered family of membrane proteins with many important roles in the physiology of living organisms. The book summarizes the most recent advances in the field of metal ion transport and provides a broad overview of the major classes of transporters involved in homeostasis of heavy metals. Various families of the transporters and metal specificities are discussed with the focus on the structural and mechanistic aspects of their function and regulation. The reader will access information obtained through a variety of approaches ranging from X-ray crystallography to cell biology and bioinformatics, which have been applied to transporters identified in diverse biological systems, such as pathogenic bacteria, plants, humans and others. It offers field is cutting-edge and a lot of the information is new to research community. It covers wide breadth of topic coverage. It includes contributors of high renown and expertise.



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