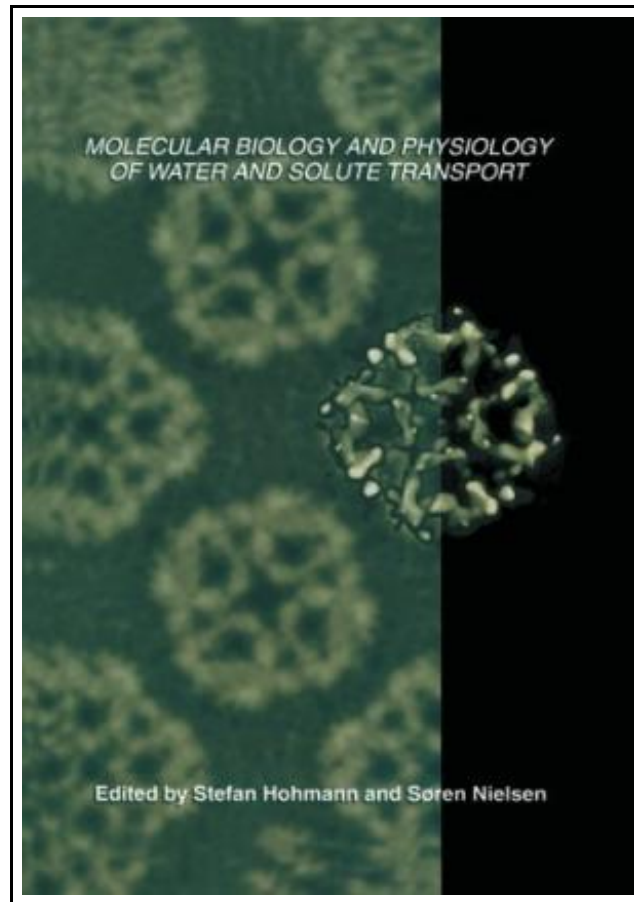


Molecular Biology and Physiology of Water and Solute Transport



Filesize: 8.35 MB

Reviews

The ebook is simple in go through preferable to comprehend. Better then never, though i am quite late in start reading this one. Its been printed in an exceptionally simple way and it is simply right after i finished reading through this pdf in which in fact altered me, affect the way i believe.
(Prof. Corbin Hilll)

MOLECULAR BIOLOGY AND PHYSIOLOGY OF WATER AND SOLUTE TRANSPORT



Book Condition: New. Publisher/Verlag: Springer, Berlin | Biophysical studies in the 1950ies and 1960ies led to the realization that the water permeability of certain biological membranes must be due to the presence of water transporting proteins. This hypothesis was confirmed in 1991 and 1992 with the pioneering discovery of the first molecular membrane water channel, CHIP28, by Agre and coworkers. This integral membrane protein, which is abundant in the erythrocyte membrane and in many epithelial cells, is now called aquaporin-1 or AQP1. Thus the terms water channel or aquaporin are synonymous. In July 2000 more than 200 researchers came together in Gothenburg, Sweden, for the "3rd International Conference on the Molecular Biology and Physiology of Water and Solute Transport" to discuss progress in this emerging research field. 58 different presentations from this conference are the basis for this book. Cumulatively, these 58 short chapters provide a balanced overview complementing numerous recent reviews in this field. | Structure Function Analysis of Aquaporins and Glycerol Facilitators. Functional Analysis of the Unusual Signature Motifs of the Yeast MIP Channel, Fpslp; R.M. Bill, et al. GLPF: A Structural Variant of the Aquaporin Tetramer; T. Braun, et al. Different Behaviours of MIP Proteins in N-Lauroylsarcosine; L. Duchesne, et al. Overexpression and Purification of the Glycerol Transport Facilitators, Fpslp and GlpF, in *Saccharomyces Cerevisiae* and *Escherichia Coli*; K. Hedfalk, et al. Three-Dimensional Fold of Human AQP1 Water Channel Determined by Electron Cryo-Crystallography of 2-Dimensional Crystals Embedded in Ice; A.K. Mitra, et al. Volume Flux Across Red Cell AQP1 and *E. Coli* AQPZ Water Channel Proteins Reconstituted into Planar Lipid Bilayers; S.M. Saparov, et al. Biogenesis and Folding of Aquaporin Water Channels in the Endoplasmic Reticulum; I. Turnbull, et al. Function, Physiological Roles and Regulation of Mammalian Aquaporins. The Kidney in the Inner Ear; E. Beitz, et al....



[Read Molecular Biology and Physiology of Water and Solute Transport Online](#)
[Download PDF Molecular Biology and Physiology of Water and Solute Transport](#)

Relevant eBooks



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves 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...

[Read Book »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves 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...

[Read Book »](#)



Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years...

[Read Book »](#)



Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a...

[Read Book »](#)



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

[Read Book »](#)

**Danses Sacree Et Profane, CD 113: Study Score**

Petrucci Library Press, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.Debussy composed his concertante masterwork on commission from Pleyel for a

[Save Document »](#)

**TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2) (Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the

[Save Document »](#)

**A Year Book for Primary Grades; Based on Froebel s Mother Plays**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download

[Save Document »](#)

**DK Readers Animal Hospital Level 2 Beginning to Read Alone**

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.9in. x 5.8in. x 0.1in.This Level 2 book is appropriate for children who are beginning to read alone. When Jack and Luke take an injured

[Save Document »](#)

**The L Digital Library of genuine books(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: 2002 Publisher: the BUPT title: Digital Library Original Price: 10 yuan

[Save Document »](#)