



The Distal Nephron in the Kidney of Fishes

By Marlies Elger

Springer Okt 1987, 1987. Taschenbuch. Book Condition: Neu. 244x170x9 mm. This item is printed on demand - Print on Demand Neuware - Original work on the renal structures in three classes of lower vertebrates is presented. By the application of light and electronmicroscopy, histochemistry and the compilation of available information on renal physiology and morphology, further evidence for the homology of nephron segments is forwarded. The results have been correlated with the habitat and evolutionary kinship of the lower vertebrates. A general evolutionary line can be drawn from early vertebrates (e.g. Petromyzontia) via archaic fresh-water fish (e.g. Polypteridae) and lungfish to the amphibian nephron. Renal structures of Elasmobranchs are very complex, but can be compared with the more primitive nephron of the Polypteridae. The morphological basis for the unique ability of the marine Elasmobranchs to build up a high urea concentration in the blood is given by the description of the renal countercurrent system in the lateral bundle zone. The intercalated cells which are prominent in the distal nephron of the mammalian kidney have been traced back via the lungfish and the polypterids to the Petromyzontia. The teleost kidneys appear highly specialized and supply a host of animal models for...

DOWNLOAD



READ ONLINE

[7.8 MB]

Reviews

Basically no terms to clarify. It is actually written in basic terms rather than confusing. I found out this ebook from my dad and i suggested this book to find out.

-- **Elinore Vandervort**

If you need to adding benefit, a must buy book. I could possibly comprehended every little thing out of this composed e pdf. I am quickly could get a enjoyment of looking at a composed book.

-- **Mrs. Mariam Hartmann**

You May Also Like



[The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2](#)

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, The Tale of Jemima Puddle-Duck - Read it Yourself with Ladybird: Level 2, This is a gentle adaptation of the classic tale by Beatrix Potter. Jemima Puddle-Duck wants to lay and hatch her...



[California Version of Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package](#)

Pearson, United States, 2015. Loose-leaf. Book Condition: New. 10th. 249 x 201 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for...



[Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package](#)

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250 x 189 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for...



[Who Am I in the Lives of Children? an Introduction to Early Childhood Education with Enhanced Pearson Etext -- Access Card Package](#)

Pearson, United States, 2015. Paperback. Book Condition: New. 10th. 251 x 203 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for...



[The Picture of Dorian Gray \(Wisehouse Classics - With Original Illustrations by Eugene Dete\)](#)

Wisehouse Classics, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.THE PICTURE OF DORIAN GRAY is a philosophical novel by the writer Oscar Wilde, first published complete in the...



[The Puzzle of the Indian Arrowhead Three Amigos](#)

Gallopade International. Paperback. Book Condition: New. Paperback. 54 pages. Dimensions: 7.3in. x 5.2in. x 0.3in. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an easy, effective, and immediate way to read...