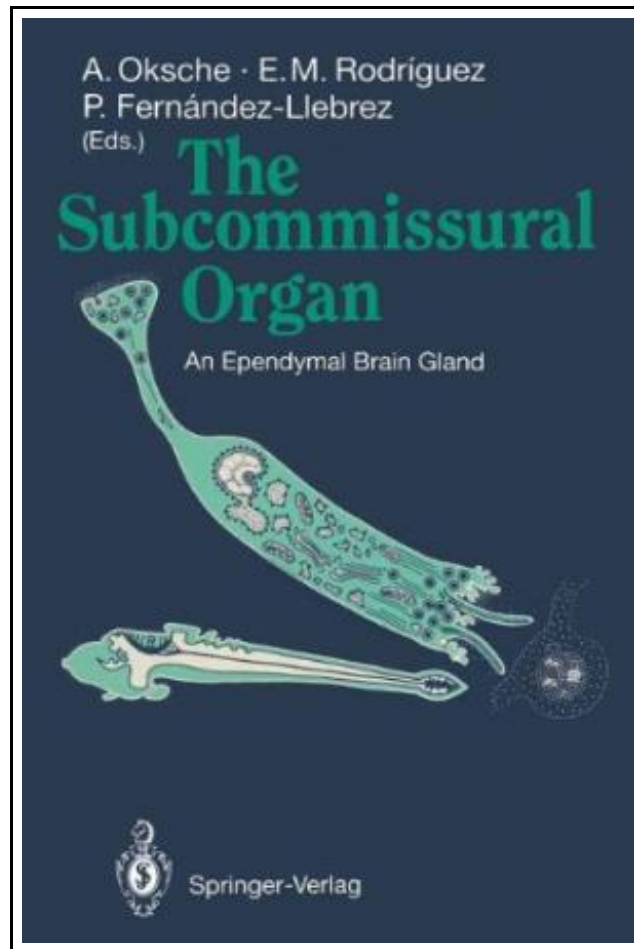


The Subcommissural Organ



Filesize: 4.47 MB

Reviews

Great e book and beneficial one. It is amongst the most awesome pdf i actually have read through. You wont feel monotony at at any time of your own time (that's what catalogs are for relating to if you request me).

(Dorothy Daugherty)

THE SUBCOMMISSURAL ORGAN

[DOWNLOAD](#)

To save **The Subcommissural Organ** eBook, please click the button beneath and save the file or gain access to other information that are related to THE SUBCOMMISSURAL ORGAN book.

Book Condition: New. Publisher/Verlag: Springer, Berlin | An Ependymal Brain Gland | During the past two decades the progress in neuroendocrine research, stimulated by the increasing general interest in neurosciences, has been very impressive. Most of these efforts have concentrated on peuroendocrine nerve cells and their systems. Even if some aspects have remained open to discussion, the principal functional role of the neuroendocrine units capable of elaboration of biological active peptides (peptidergic neurons) is quite well understood. The same holds true for the central aminergic neurons and for such photoreceptor-derived paraneuronal elements as the pinealocytes. The primordium of the central nervous system possesses potencies for central sensory and secretory differentiations. Among the latter, a non-neuronal ependymal structure - the subcommissural organ- has remained enigmatic in terms of its biological significance. The sub commissural organ is a common, very constant, and conservative property of the vertebrate brain, from cyclostomes to mammals, and its appears early in ontogeny. The spectacular secretory activity of this brain gland, located in the diencephalic roof at the entrance to the mesencephalic aqueduct, results in the formation of an intraventricular secretory product - Reissner's fiber. This peculiar structural complex has attracted investigators to use a wide spectrum of modern cytological and, more recently, also molecular methods to investigate the secretory process and the secretory product, primarily glycoproteins, in greater detail. So far, however, the progress in structural insight has outpaced our knowledge of the function of the subcommissural organ. | I. Historical Reflections.- Ernst Reissner (1824-1878): Anatomist of the "Membrane" and "Fiber" (With 1 Figure).- Helmut Hofer (1912-1989) and the Concept of the Circumventricular Organs (With 1 Figure).- Historical Landmarks in the Investigation of the Subcommissural Organ and Reissner's Fiber (With 1 Figure).- II. Phylogeny and Ontogeny.- Phylogenetic and Conceptual Aspects of the Subcommissural Organ (With 3...

[Read The Subcommissural Organ Online](#)[Download PDF The Subcommissural Organ](#)[Download ePUB The Subcommissural Organ](#)

Other eBooks



[PDF] Flappy the Frog: Stories, Games, Jokes, and More!

Click the web link below to read "Flappy the Frog: Stories, Games, Jokes, and More!" PDF document.

[Read ePub »](#)



[PDF] Hoppy the Happy Frog: Short Stories, Games, Jokes, and More!

Click the web link below to read "Hoppy the Happy Frog: Short Stories, Games, Jokes, and More!" PDF document.

[Read ePub »](#)



[PDF] Ellie the Elephant: Short Stories, Games, Jokes, and More!

Click the web link below to read "Ellie the Elephant: Short Stories, Games, Jokes, and More!" PDF document.

[Read ePub »](#)



[PDF] The Writing Prompts Workbook, Grades 3-4: Story Starters for Journals, Assignments and More

Click the web link below to read "The Writing Prompts Workbook, Grades 3-4: Story Starters for Journals, Assignments and More" PDF document.

[Read ePub »](#)



[PDF] Happy Monsters: Stories, Jokes, Games, and More!

Click the web link below to read "Happy Monsters: Stories, Jokes, Games, and More!" PDF document.

[Read ePub »](#)



[PDF] Creeper, Zombie, Skeleton and More Jokes for Kids

Click the web link below to read "Creeper, Zombie, Skeleton and More Jokes for Kids" PDF document.

[Read ePub »](#)

**[PDF] Read Write Inc. Phonics: Set 7 Non-Fiction 3 the Ice and Snow Book**

Follow the hyperlink beneath to get "Read Write Inc. Phonics: Set 7 Non-Fiction 3 the Ice and Snow Book" file.

[Read Document »](#)

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

Follow the hyperlink beneath to get "Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)" file.

[Read Document »](#)

**[PDF] Topsy and Tim: The Big Race - Read it Yourself with Ladybird: Level 2**

Follow the hyperlink beneath to get "Topsy and Tim: The Big Race - Read it Yourself with Ladybird: Level 2" file.

[Read Document »](#)

**[PDF] Water From The Well: Sarah, Rebekah, Rachel, and Leah**

Follow the hyperlink beneath to get "Water From The Well: Sarah, Rebekah, Rachel, and Leah" file.

[Read Document »](#)

**[PDF] Child and Adolescent Development for Educators with Free Making the Grade**

Follow the hyperlink beneath to get "Child and Adolescent Development for Educators with Free Making the Grade" file.

[Read Document »](#)

**[PDF] Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Follow the hyperlink beneath to get "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" file.

[Read Document »](#)