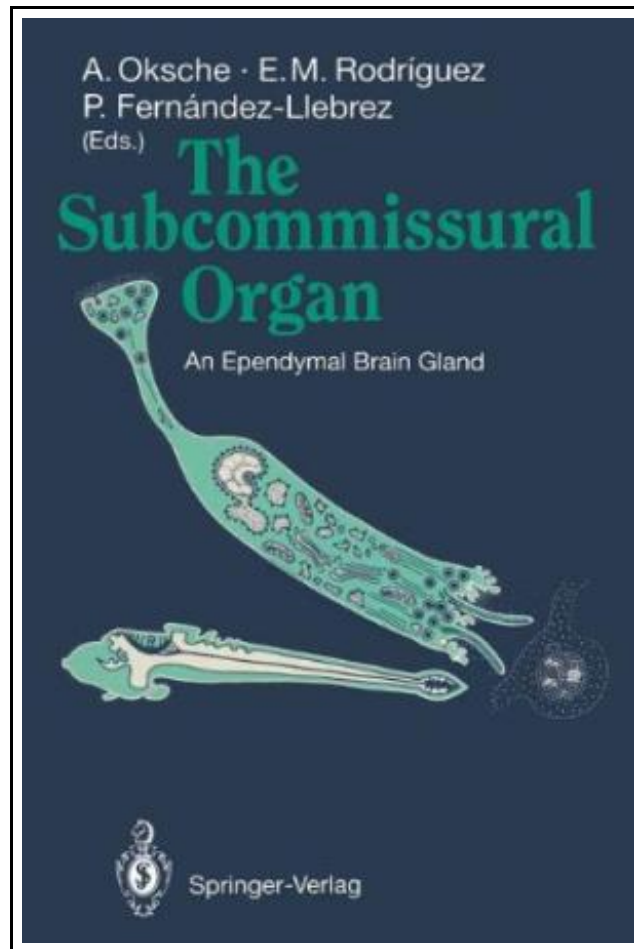


The Subcommissural Organ



Filesize: 8.49 MB

Reviews

The book is great and fantastic. It is written in straightforward words and phrases rather than difficult to understand. You won't really feel monotony at any time of your respective time (that's what catalogues are for regarding should you question me).

(Payton Miller)

THE SUBCOMMISSURAL ORGAN

DOWNLOAD



To read **The Subcommissural Organ** PDF, make sure you access the hyperlink listed below and save the file or have accessibility to additional information that are relevant 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 neuroendocrine 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 it 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](#)

Other Books

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

Access the web link under to download "Flappy the Frog: Stories, Games, Jokes, and More!" PDF document.

[Save ePub »](#)

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

Access the web link under to download "Hoppy the Happy Frog: Short Stories, Games, Jokes, and More!" PDF document.

[Save ePub »](#)

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

Access the web link under to download "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" PDF document.

[Save ePub »](#)

**[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)**

Access the web link under to download "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" PDF document.

[Save ePub »](#)

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

Access the web link under to download "Ellie the Elephant: Short Stories, Games, Jokes, and More!" PDF document.

[Save ePub »](#)

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

Access the web link under to download "Happy Monsters: Stories, Jokes, Games, and More!" PDF document.

[Save ePub »](#)