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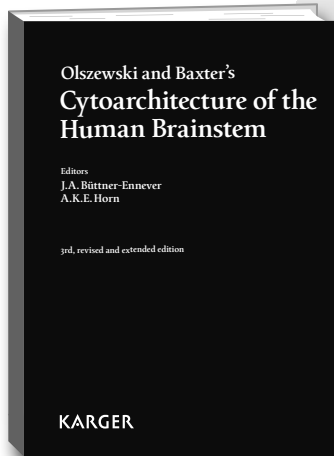
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# Olszewski and Baxter's Cytoarchitecture of the Human Brainstem

3rd, revised and extended edition

**Editors**  
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## **Olszewski and Baxter's Cytoarchitecture of the Human Brainstem**

3rd, revised and extended edition  
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Nomenclature and nuclear borders have been updated, in addition the text now contains new sections presenting an up-to-date summary of the *functional neuroanatomy* of each nucleus.

For neuroscientists and neurologists this atlas provides an invaluable and complete source of reference for both their scientific research and everyday clinical practice. Neuropathologists, neuroradiologists, neuropsychologists, neurosurgeons, physiologists and physicians will find the combination of low-power brainstem imaging with cytological, physiological and neuroanatomical data highly relevant. In addition the atlas offers researchers in other disciplines the opportunity to discover new correlations between structure and function, outlining new functional regions in the brainstem.

## **Main Contents**

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- Alphabetical List of Nuclei, Abbreviations and Original Names

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### *Precerebellar Nuclei*

### *Nuclei of Unknown Function*

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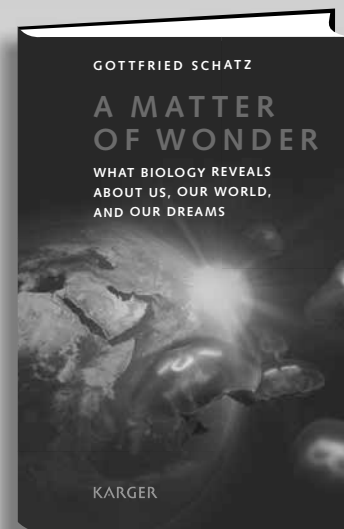
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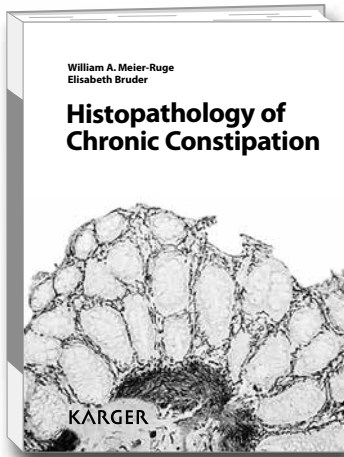
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Pathology, Gastroenterology, Histochemistry, Neuropathology, Pediatrics, Proctology, Surgery

# Histopathology of Chronic Constipation

The symptom of chronic constipation is often caused by a series of intestinal diseases, which can be reliably diagnosed histopathologically by histochemical techniques and consequently treated by surgical intervention. The following publication is the second and completely revised edition of *Pathology of Chronic Constipation in Pediatric and Adult Coloproctology* published in 2005, and introduces several new diseases and figures.

It includes characteristics of classical and ultrashort Hirschsprung's disease as well as total intestinal aganglionosis and hypoganglionosis. New diseases such as intestinal neuronal dysplasia, desmosis coli, leiomyopathy, architectural malformation, and stretching lesions of muscularis propria are critically discussed. Atrophic desmosis is also covered. This new and frequently observed degeneration of muscularis propria in Crohn's disease, sigmoid diverticulitis, and other inflammatory intestinal diseases causes focal aperistalsis, frequently interpreted as scar stenosis. *Histopathology of Chronic Constipation* provides a comprehensive overview of intestinal alterations which cause chronic constipation. It is therefore of special interest to diagnostic pathologists, clinicians, pediatric and abdominal surgeons, coloproctologists, and gastroenterologists.

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