Sengul G, Watson C, Tanaka I, Paxinos G.

Sengul: Atlas of the Spinal Cord

2013

Publisher: AcademicPress Elsevier

ISBN: 978-0-12-397876-9


Atlas of the Spinal Cord of the Rat, Mouse, Marmoset, Rhesus and Human (Sengul, Watson, Tanaka and Paxinos) has now been released by Academic Press Elsevier at Society for Neuroscience Meeting in
New Orleans by October 12, 2012. Authored by Gulgun Sengul (Ege University, School of Medicine, Izmir, Turkey), George Paxinos and Charles Watson (Neuroscience Research Australia) and Ikukuo Tanaka (Metropolitan Institute for Neuroscience, Japan) this atlas covers of the spinal cord anatomy of five mammals- rat, mouse, marmoset, rhesus, and human. For each spinal cord segment in each species, this inestimable book offers a half page photograph of a Nissl section and a half page line diagram, plus a group of up to 4 photographs of sections from the same segment stained with a variety of markers such as AChE, ChAT, NADPHd and others.

By means of recent retrograde tracing studies parasympathetic preganglionic neuron groups, precerebellar nuclei of the spinal cord are labelled and an attempt to resolve an area of nomenclatural confusion involving the lumbar and sacral intermediate gray area has been made.

With the advance in radiological imaging and gene expression techniques, and the dramatic increase in spinal cord studies, this atlas will make a significant contribution to spinal cord research, in studies for spinal cord injury, ALS, pain, neuropharmacology, molecular genetics and others.

Correspondence to:
Nezih Oktar
E-mail: editor@jns.dergisi.org

Received by: 27 November 2012
Revised by: 03 December 2012