
List of Contents

1	Introduction	1
2	Materials and Methods	5
3	General Organization of the HF Fields Related to Macroscopic Anatomy	9
3.1	Gross Anatomical Landmarks	9
4	Microscopic Anatomy of HF Fields	27
4.1	Dentate Gyrus	27
4.2	CA3	38
4.3	CA2	42
4.4	CA1	42
4.5	Subiculum	45
4.6	Presubiculum	48
4.7	Parasubiculum	51
4.8	Entorhinal Cortex	59
5	Correlation Between Anatomy and MRI	61
6	Functional and Pathological Aspects of the Maturation of the Human Hippocampal Formation	71
6.1	Human and Nonhuman Primate Memory Maturation, and Effect of HF Lesions	71
6.2	Hippocampal Growth	72
6.3	Hypoxia and Memory	75
6.4	Epilepsy and Medial Temporal Sclerosis	75
6.5	Schizophrenia, Bipolar Disorder, Autism, and Attention-Deficit/Hyperactivity Disorder	76
6.6	Developmental Delay	77
	References	79
	Subject Index	87



<http://www.springer.com/978-3-642-03660-6>

Postnatal Development of the Human Hippocampal
Formation

Insausti, R.; Cebada-Sánchez, S.; Marcos, P.

2010, XVI, 90 p. 23 illus., 3 illus. in color., Softcover

ISBN: 978-3-642-03660-6