

1. Record Nr.	UNINA9910819039003321
Titolo	Functions of the septo-hippocampal system
Pubbl/distr/stampa	Amsterdam ; ; New York : , : Elsevier/Excerpta Medica/North-Holland, , 1978
ISBN	9786613694072 9781280783685 1280783680 9780470718087 0470718080 9780470663486 0470663480 9780470720394 0470720395
Edizione	[1st ed.]
Descrizione fisica	1 online resource (viii, 438 pages) : illustrations
Collana	Ciba Foundation symposium (new series) ; ; 58
Disciplina	599/.01/88
Soggetti	Septum (Brain) Hippocampus (Brain)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Symposium on Functions of the Septo-Hippocampal System, held at the Ciba Foundation, London, 18th-20th October 1977"--Participants page.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Functions of the Septo-Hippocampal System -- Contents -- Chairman's introduction -- Objectives of the meeting -- Anatomical and functional aspects of the septo-hippocampal projections -- Discussion -- The anatomical organization of septo-hippocampal projections -- Discussion -- Localization of putative transmitters in the hippocampal formation (with a note on the connections to septum and hypothalamus) -- Discussion -- Long-lasting facilitation of synaptic transmission -- Discussion -- Cholinergic mechanisms and short-term potentiation -- Discussion -- General Discussion I: -- Monoaminergic inputs to the hippocampus -- Nicotinic transmission in the hippocampus -- Specific pathways between septum and hippocampus -- Neuronal aspects of septohippocampal relations -- Discussion --

Single unit and lesion experiments on the sensory inputs to the hippocampal cognitive map -- Discussion -- Hippocampal electrical activity during waking behaviour and sleep: analyses using centrally acting drugs -- Discussion -- An experimental dissection of the septal syndrome -- Discussion -- The role of the septo-hippocampal system and its noradrenergic afferents in behavioural responses to non-reward -- Discussion -- General Discussion II: -- Hippocampal units and theta activity -- Mechanism of theta activity -- Functional significance of theta activity -- The function of septo-hippocampal connections in spatially organized behaviour -- Discussion -- Multivariate analysis of the septal syndrome -- Discussion -- A comparison of hippocampal pathology in man and other animals -- Discussion -- Final General Discussion: -- Frequency potentiation and memory -- Further comments on the hippocampal cognitive map theory -- Functions of the septo-hippocampal system in man and other animals -- Index of contributors -- Subject index.

Sommario/riassunto

The Novartis Foundation Series is a popular collection of the proceedings from Novartis Foundation Symposia, in which groups of leading scientists from a range of topics across biology, chemistry and medicine assembled to present papers and discuss results. The Novartis Foundation, originally known as the Ciba Foundation, is well known to scientists and clinicians around the world.
