Record Nr. UNINA9911019790203321 Ciba Foundation symposium on the nature of sleep / / editors for the **Titolo** Ciba Foundation, G.E.W. Wolstenholme and Maeve O'Connor Pubbl/distr/stampa Boston, : Little, Brown, [1961] **ISBN** 9786613679437 9781280768668 1280768665 9780470719220 0470719222 9780470716731 0470716738 Descrizione fisica 1 online resource (448 p.) Collana Novartis Foundation Symposia:: v.948 Altri autori (Persone) WolstenholmeG. E. W (Gordon Ethelbert Ward) O'ConnorMaeve Disciplina 612.8217 Soggetti Sleep Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "With 101 illustrations." Note generali Nota di bibliografia Includes bibliographical references and indexes. Nota di contenuto THE NATURE OF SLEEP; PREFACE; CONTENTS; Chairman's opening remarks: Some properties of pyramidal neurones of the motor cortex: Discussion; Neurophysiological mechanisms in cerebral arousal; Discussion; Electroencephalogram-synchronizing structures in the lower brain stem; Discussion; Mechanisms of reticular deactivation; Discussion: Neuronal activity in wakefulness and in sleep: Discussion: Neuronal discharge in the cat's motor cortex during sleep and arousal; Effects of sleep and waking on activity of single units in the unrestrained cat; Discussion Telencephalic and rhombencephalic sleep in the catDiscussion; A clinical, electroencephalographic and polygraphic study of sleep in the human adult; Discussion; Changes of cortical d.c. potentials in the sleep-wakefulness cycle; Discussion; Electroencephalographic detection of sleep induced by repetitive sensory stimuli; Discussion;

Electtographic responses in sleeping conditioned animals; Discussion; Hibernation and sleep; Diccucsion; Sleep patterns on polar expeditions;

Sommario/riassunto

Effects of sleep-deprivation on performance and muscle tension; Discussion; Cortical function during human sleep DiscussionThe nature of dreaming; Discussion; Sleep and the energy metabolism of the brain; Discussion; General discussion; Chairman's closing remarks; Index of Authors; Index of Subjects

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.