

1. Record Nr.	UNINA9911019278903321
Titolo	Breathing: Hering-Breuer Centenary Symposium : a Ciba Foundation symposium // edited by Ruth Porter
Pubbl/distr/stampa	London, : J. & A. Churchill, 1970
ISBN	9780470715352 0470715359 9780470715048 0470715049
Descrizione fisica	1 online resource (432 p.)
Collana	Ciba Foundation symposium
Altri autori (Persone)	PorterRuth
Disciplina	612/.2
Soggetti	Respiration
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Breathing: Hering-Breuer Centenary Symposium; Contents; Chairman's opening remarks; About Hering and Breuer; The role of vagal inflation reflexes in man and other animals; Pattern of breathing during hypercapnia before and after vagal blockade in man; Discussion; Neural control of respiration; The mechanism of excitation of type J receptors, and the J reflex; Discussion; Epithelial irritant receptors in the lungs; Discussion; Sensory innervation of the airways; Discussion; General discussion; How respiratory rhythm originates: evidence from discharge patterns of brainstem respiratory neurones DiscussionNeurological integration of behavioural and metabolic control of breathing; Discussion; Patterns of motor activity in breathing in response to varying sensory inputs; Discussion; General discussion; The sense of effort; Discussion; The role of afferent impulses from the lung and chest wall in respiratory control and sensation; Discussion; Effect of selective peripheral nerve blocks on respiratory sensations; Discussion; Some psychological and physiological considerations of breathlessness; Discussion; General discussion; Respiratory sensation in pulmonary disease; Discussion Breathing frequency and tidal volume: relationship to breathlessness Discussion; Experimental results of vagal block in cardiopulmonary disease; Discussion; Group discussion; Chairman's

closing remarks; Appendix: Translations of the two publications by Hering

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.