

1. Record Nr.	UNINA9910144670803321
Titolo	Breathing: Hering-Breuer Centenary Symposium [[electronic resource]] : a Ciba Foundation symposium / / edited by Ruth Porter
Pubbl/distr/stampa	London, : J. & A. Churchill, 1970
ISBN	0-470-71535-9 0-470-71504-9
Descrizione fisica	1 online resource (432 p.)
Collana	Ciba Foundation symposium
Altri autori (Persone)	PorterRuth
Disciplina	612.2 612/.2
Soggetti	Respiration Electronic books.
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 breathlessnessDiscussion; Experimental results of vagal block in cardiopulmonary disease; Discussion; Group discussion; Chairman's

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