

1. Record Nr.	UNINA9910830043403321
Titolo	Ciba Foundation Symposium [[electronic resource]] : development of the lung // edited by A.V.S. de Reuck and Ruth Porter
Pubbl/distr/stampa	London, : J. & A. Churchill, 1967
ISBN	1-280-76869-X 9786613679468 0-470-71947-8 0-470-71702-5
Descrizione fisica	1 online resource (466 p.)
Collana	Ciba Foundation symposium
Altri autori (Persone)	De ReuckAnthony V. S PorterRuth
Disciplina	600
Soggetti	Lungs Respiration
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Proceedings of the Symposium on Development of the Lung, held Nov. 1-3, 1965.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	DEVELOPMENT OF THE LUNG; Contents; Chairman's opening remarks; Gas transport from the external environment to the cell; Discussion; Variation of chemical potential with temperature*; Some implications of the dynamics of gas transfer in water-breathing dogs; Discussion; Evolution between air and water; Discussion; Quantitative aspects of vertebrate gas exchange; Discussion; The embryology of the lung; Discussion; Postnatal growth of the lung and pulmonary gas-exchange capacity; Discussion; A morphological contribution to the development of the human lung: observations in the non-retracted lung General DiscussionThe alveolar lining layer; Discussion; Physiological consequences of the apposition of blood and gas in the lung; Discussion; The alveolar lining layer; Discussion; General Discussion; Comparative properties of the lungs and the placenta: a graphical analysis of placental gas exchange; Discussion; The oxygen supply of the foetus; Discussion; Carriage of oxygen in the blood of the foetus; Discussion; Oxygen consumption of the placenta and foetal membranes in the sheep; Discussion; General Discussion; Carbon

monoxide and oxygen saturation; Oxygen consumption and the placenta
Surface-active lipoproteinInitiation of respiration; Discussion;
Pulmonary circulation in the foetus and the newborn; Discussion;
Uptake of liquid from the lungs at the start of breathing; Group
Discussion; Discussion; Surfactant and lung collapse; Observations of
homoeostatic regulation; Nature of homoeostatic regulation; Evolution
of homoeostatic regulation; Transport across membranes; Chairman's
closing remarks; Author Index; Subject Index
