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Autore	Salomone Rosemary C
Titolo	Visions of schooling [[electronic resource]] : conscience, community, and common education / / Rosemary C. Salomone
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Nota di bibliografia	Includes bibliographical references (p.273-315) and index.
Nota di contenuto	Front matter -- Contents -- Preface -- 1. Introduction -- 2. The Common School: Past as Prologue -- 3. From Children's Rights to Parents' Rights -- 4. The Supreme Court as Schoolmaster -- 5. Voices of Dissent -- 6. Struggling with Satan -- 7. Education for Democratic Citizenship -- 8. Re-Envisioning Common Education -- 9. Conclusion -- Notes -- Index
Sommario/riassunto	At no time in the past century have there been fiercer battles over our public schools than there are now. Parents and educational reformers are challenging not only the mission, content, and structure of mass compulsory schooling but also its underlying premise—that the values promoted through public education are neutral and therefore acceptable to any reasonable person. In this important book, Rosemary Salomone sets aside the ideological and inflammatory rhetoric that surrounds today's debates over educational values and family choice. She offers instead a fair-minded examination of education for democratic citizenship in a society that values freedom of conscience

and religious pluralism. And she proposes a balanced course of action that redefines but does not sever the relationship between education and the state. Salomone demonstrates how contemporary conflicts are the product of past educational and social movements. She lays bare some of the myths that support the current government monopoly over education and reveals how it privileges those of economic means. Through a detailed case study of recent controversy in a suburban New York school district, the author explores the legal and policy issues that arise when widely disparate world views stand in the way of political compromise on educational materials, techniques, and programs. Salomone builds a case for educational governance that places the developmental needs of the child at the center of family autonomy. She advances a plan that respects diverse values and visions of schooling while preserving the core commitments that bind our nation.

2. Record Nr.	UNINA9910484242303321
Autore	Brouns Inge
Titolo	The Pulmonary Neuroepithelial Body Microenvironment : A Multifunctional Unit in the Airway Epithelium / / by Inge Brouns, Line Verckist, Isabel Pintelon, Jean-Pierre Timmermans, Dirk Adriaensen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-65817-1
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XVIII, 99 p. 22 illus., 21 illus. in color.)
Collana	Advances in Anatomy, Embryology and Cell Biology, , 2192-7065 ; ; 233
Disciplina	612.8
Soggetti	Neurosciences Physiology Neurochemistry Respiratory organs - Diseases Neuroscience Pneumology
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Nota di contenuto

Pulmonary sensory receptors -- The pulmonary NEB ME is a complex intraepithelial unit -- Studying the pulmonary NEB ME: a multidisciplinary approach -- Functional exploration of the pulmonary NEB ME -- Concluding remarks and future perspectives -- References -- ADDENDUM.

Sommario/riassunto

This monograph sheds new light on pulmonary sensory receptors. Diving into the pulmonary microenvironment, the book focuses on the role of pulmonary neuroepithelial bodies (NEBs) as potential receptors and effectors, able to store and release neurotransmitters. It explores NEBs as potential stem cell niche and highlights the multidisciplinary approach taken to identify and study NEBs, including functional morphological investigation, live cell imaging, genetic models, and laser microdissection combined with gene expression analysis. Complexly organized NEBs are an integral part of the intrapulmonary airway epithelium of all air-breathing vertebrates. For decades a quest has been going on to unravel the functional significance of these intriguing structures that appear to be modified in the course of many pulmonary diseases. The NEB microenvironment (ME) is composed of organoid clusters of pulmonary neuroendocrine cells (PNECs) that are able to store and release neurotransmitters and are closely contacted by extensive nerve terminals, emphasizing a potential receptor/effectector role and probable signalling to the central nervous system. PNECs are largely shielded from the airway lumen by a special type of Clara cells, the Clara-like cells, with potential stem cell characteristics. So far, functional studies of the pulmonary NEB ME revealed that PNECs can be activated by various mechanical and chemical stimuli, resulting in a calcium-mediated release of neurotransmitters. In the past decades, a number of publications have exposed NEBs as potential hypoxia sensors. Recent experimental evidence unveiled that the NEB ME is a quiescent stem cell niche in healthy postnatal lungs, and silencing may involve bone morphogenetic protein signalling mediated by vagal afferents. Only an integrated approach that takes all current information into account will be able to explain the full role of the pulmonary NEB ME in health and disease. This highly informative and carefully presented book, provides insights for researchers, PhD students with an interest in (bio)medical and veterinary science, especially in the field of the autonomic innervation of the lung, chemo- and mechanoreceptors.