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Titolo	Biology and Regulation of BloodTissue Barriers // edited by C. Yan Cheng
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2013
ISBN	1-4614-4711-9
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (380 p.)
Collana	Advances in Experimental Medicine and Biology, , 2214-8019 ; ; 763
Disciplina	362.17 362.1783
Soggetti	Medicine - Research Biology - Research Biomedical Research
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 at the end of each chapters and index.
Nota di contenuto	Regulation of Permeability Across the BloodBrain Barrier -- Drug Transporters at Brain Barriers: Expression and Regulation by Neurological Disorders -- The BloodRetina Barrier: Tight Junctions and Barrier Modulation -- The Inner BloodRetinal Barrier: Molecular Structure and Transport Biology -- Endothelial and Epithelial Barriers in GraftVersusHost Disease -- Structure and Regulation of Intestinal Epithelial Tight Junctions: Current Concepts and Unanswered Questions -- Polarity Protein Complex Scribble/Lgl/Dlg and Epithelial Cell Barriers -- The BloodBiliary Barrier, Tight Junctions and Human Liver Diseases -- The BloodFollicle Barrier (Bfb) in Disease and in Ovarian Function -- Physiology and Pathophysiology of the Epithelial Barrier of the Female Reproductive Tract: Role of Ion Channels -- The BloodEpididymis Barrier and Human Male Fertility -- BloodTissue Barriers: Morphofunctional and Immunological Aspects of the BloodTestis and BloodEpididymal Barriers -- Gap Junctions and BloodTissue Barriers -- Transcriptional Regulation of Cell Adhesion at the BloodTestis Barrier and Spermatogenesis in the Testis -- cSrc and cYes are Two Unlikely Partners of Spermatogenesis and Their Roles in BloodTestis Barrier Dynamics -- Role of PGlycoprotein at the BloodTestis Barrier on Adjudin Distribution in the Testis: a Revisit of Recent Data -- The

Apical Ectoplasmic SpecializationBloodTestis Barrier FunctionalAxis is a Novel Target for Male Contraception.

Sommario/riassunto

This book was written by many outstanding investigators who have spent decades to study different aspects of bloodtissue barrier function. They have summarized some of the latest and fascinating development in their fields of research including the bloodbrain barrier, the bloodretinal barrier, the gut barrier, the bloodbiliary barrier, the bloodfollicle barrier, the bloodepididymis barrier, the bloodtestis barrier, the tight junction barrier in general as well as barriers in the female reproductive tract. Included are also chapters that focus on topics that are physiologically applicable to all bloodtissue barriers. Many of these chapters also include information on specific human diseases, such as pathological changes of the gut barrier that cause bowel disorders resulting from inflammation of the epithelial lining in the intestine, and infertility in men as a result of disruption of the bloodepididymal and/or bloodtestis barriers; and on new therapeutic approaches (e.g., drug delivery across the bloodbrain and the bloodretinal barriers).

2. Record Nr.	UNINA9910416101403321
Autore	Zimdahl Robert L.
Titolo	Agricultural Ethics - An Invitation // by Robert L. Zimdahl
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ISBN	3-030-48935-3
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XI, 173 p. 2 illus., 1 illus. in color.)
Disciplina	630
Soggetti	Agriculture Applied ethics Soil science Ecology Agricultural Ethics Soil Science Environmental Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di contenuto

1. Introduction -- 2. From Weed Control To Ethics -- 3. Agriculture- A Brief History -- 4. World Population - Three Views -- 5. Agriculture's Moral Dilemmas -- 6. Ethics in Agriculture and Other Disciplines -- 7. Seeking Common Ground -- 8. Ethical Puzzles.

Sommario/riassunto

I write because I am concerned that I and my agricultural colleagues have avoided addressing the moral dimension of the environmental and social problems we have contributed to. I hope for an exchange of ideas about agriculture's moral dilemmas. I encourage my readers to engage in a collective conversation about the dilemmas and avoid remaining in what Merton calls "the collective arrogance and despair of his own herd." If those engaged in agriculture continue to ignore and fail to realize our common difficulties they will be addressed and resolved by societal pressure and political action, which may not yield the resolution we favor. The book's goal is not to resolve the moral dilemmas raised. It is to raise them and encourage thought and discussion. It will ask but not answer why nearly all involved in agriculture have not addressed the moral concerns voiced by the general public. The agricultural enterprise is committed to the benefits and future success of the present, very productive, chemical, capital, and energy intensive system, which is, in the minds of many, not sustainable. The internal justification invokes the moral claim that they feed the world's population. The question remains whether or not the prevailing moral justification of feeding the world is adequate given all the issues modern, developed country agriculture faces: pesticides in soil, water, and food, cruelty to animals, Biotech/GMO's, corporate agriculture, pollution by animal factory waste, exploitation of and cruelty to migrant labor.
