1. Record Nr. UNINA9910826908303321

Titolo	Mucosal immunology . Volume 2 / / edited by Jiri Mestecky [and five others]
Pubbl/distr/stampa	Oxford, [England] ; ; Waltham, Massachusetts : , : Academic Press, , 2015 ©2015
ISBN	0-12-415975-3 0-12-415847-1
Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (1225 p.)
Disciplina	616.079
Soggetti	Mucous membrane - Immunology
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	e9780124158474v2; Front Cover; Mucosal Immunology; Copyright; In Memoriam; Contents; Contributors; Preface to the First Edition; Preface to the Second Edition; Preface to the Third Edition; Preface to the Fourth Edition; Historical Aspects of Mucosal Immunology; MUCOSAL MICROBIOTA; HEALING POWERS OF SECRETIONS: HISTORY OF BREASTFEEDING; ANTIBODIES OF EXTERNAL SECRETIONS; ANATOMIC STUDIES OF MUCOSAL ORGANS AND THEIR FUNCTIONAL IMPLICATIONS; MUCOSAL VACCINATION; ORAL TOLERANCE; IMMUNOPATHOLOGY; CODA; REFERENCES; Section D - Mucosal Vaccines Chapter 65 - Mucosal Vaccines from Plant BiotechnologyINTRODUCTION; MUCOSAL VACCINES FOR HUMANS; PLANT-BASED MUCOSAL ANIMAL VACCINES; CONCLUSIONS; REFERENCES; Chapter 66 - Filling the Immunological Gap: Recombinant Viral Vectors for Mucosal Vaccines; INTRODUCTION; ROUTES OF MUCOSAL VACCINE DELIVERY; POXVIRUS VECTORS; CANARYPOX VECTORS; POTENTIAL PROMISE OF POXVIRAL VECTORS AND HIV-1; RECOMBINANT ADENOVIRUS VECTORS; RAD5 AND HIV-1 STEP STUDY: GUILTY AND CONDEMNED OR WRONGFULLY USED AND PREMATURELY CONVICTED?; RARE SEROTYPE AND SIMIAN ADENOVIRUS VECTORS RHESUS CYTOMEGALOVIRUS VECTORS-BREAKING THE RULES AND

PROTECTING AGAINST SIV VIA MUCOSAL EFFECTOR MEMORY T CELLSRESPIRATORY MUCOSAL VACCINATION STRATEGIES AGAINST INTRACELLULAR BACTERIAL INFECTION; CHOICE OF VIRUS-BASED VECTOR PLATFORMS FOR RESPIRATORY MUCOSAL VACCINATION; RESPIRATORY MUCOSAL VACCINATION AGAINST PULMONARY TUBERCULOSIS; RESPIRATORY MUCOSAL "BOOSTING" OR "VACCINE-LESS" STRATEGIES TO MODULATE T CELL GEOGRAPHY FOR ENHANCED PROTECTION AGAINST RESPIRA...; HUMAN PAPILLOMAVIRUS PSEUDOVIRIONS: TARGETING THE VAGINAL MUCOSA
GOING GLOBAL AND CHALLENGES FOR MUCOSAL VACCINES: TROPICAL BARRIERCONCLUSIONS; REFERENCES; Chapter 67 - DNA Vaccines for the Induction of Immune Responses in Mucosal Tissues; INTRODUCTION; BRIEF HISTORY OF DNA VACCINES; DNA VACCINES ENCODE FOR ANTIGENS SYNTHESIZED BY TRANSDUCED CELLS; THE IMMUNE RESPONSE TO DNA VACCINES; SAFETY OF DNA VACCINES; APPROACHES INCREASING DNA VACCINE EFFICACY; TARGETING OF DNA VACCINE TO M CELLS AND DCS; CONCLUSION; ACKNOWLEDGMENT; REFERENCES; Chapter 68 - Mucosal Veterinary Vaccines: Comparative Vaccinology; INTRODUCTION; RESPIRATORY VACCINES
VACCINES FOR GENITAL INFECTIONSENTERIC VACCINES; PASSIVE IMMUNITY; VACCINATION OF FARMED FISH; CONCLUSIONS; REFERENCES; Chapter 69 - Mucosal Vaccines for Dental Diseases; DENTAL CARIES; INTRODUCTION TO PERIODONTAL DISEASES; CONCLUSIONS; ACKNOWLEDGMENT; REFERENCES; Chapter 70 - Parenteral Immunization and Protection from Mucosal Infection; PARENTERAL IMMUNIZATION AND MUCOSAL IMMUNITY; THE POLIO PARADIGM; RESPIRATORY INFECTIONS; GASTROINTESTINAL INFECTIONS; GENITOURINARY INFECTIONS; CONCLUSION; REFERENCES; Chapter 71 - Passive Immunization: Toward Magic Bullets
PASSIVE IMMUNITY: A HISTORICAL PERSPECTIVE

Sommario/riassunto

Mucosal Immunology, now in its fourth edition, is the only comprehensive reference covering the basic science and clinical manifestations of mucosal immunology. Most infectious agents enter the body through the various mucous membranes, and many common infections take place in or on mucous membranes, making this subject an area of singular importance in the field of immunology. This book contains new research data, exceptional illustrations, original theory, a new perspective, and excellent organization. It covers immune system topics, such as inductive and effector tissues and cells, and