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Titolo	Advances in host-directed therapies against tuberculosis // Petros C. Karakousis, Richard Hafner, Maria Laura Gennaro, editors
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Disciplina	616.079
Soggetti	Immunotherapy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Section 1: Introduction -- Chapter 1: Introduction: An overview of host-directed therapies for tuberculosis -- Section 2: Targeting immunometabolism -- Chapter 2: Sirtuin deacetylases: Linking Mycobacterial infection and host metabolism -- Chapter 3: The mammalian target of rapamycin complex 1 (mTORC1): an ally of M. tuberculosis in host cells -- Chapter 4: HIF-1 as a potential therapeutic target for tuberculosis treatment -- Chapter 5: Nuclear receptors in host-directed therapies against tuberculosis -- Section 3: Enhancing anti-mycobacterial mechanisms -- Chapter 6: Autophagy as a target for host-directed therapy against tuberculosis -- Chapter 7: Metformin: a leading HDT candidate for TB -- Chapter 8: Statins as host-directed therapy for tuberculosis -- Chapter 9: Antimycobacterial attributes of mitochondria: An insight into host defense mechanisms -- Section 4: Targeting immune cells -- Chapter 10: Conventional and unconventional lymphocytes in immunity against Mycobacterium tuberculosis -- Chapter 11: Targeting inhibitory cells such as Tregs and MDSCs in the tuberculous granuloma -- Chapter 12: Targeting suppressor T cells -- Chapter 13: Neutrophil-mediated mechanisms as targets for host-directed therapies against tuberculosis -- Chapter 14: Type I interferon and interleukin-1 driven inflammatory pathways as targets for HDT in tuberculosis -- Chapter 15: Mucosal-associated invariant and V9V2 T cells -- Chapter 16: Airway epithelial cells.- Section 5: Preclinical models for assessing HDTs -- Chapter 17: In vitro

models of human granuloma formation to analyze host-directed therapies -- Chapter 18: C3HeB/FeJ as a key mouse strain for testing host-directed therapies against tuberculosis -- Chapter 19: The Rabbit Model for Assessing Host-Directed Therapies for Tuberculosis -- Section 6: Clinical trials of HDTs and special considerations for study endpoints -- Chapter 20: Clinical trials of TB-HDT candidates -- Chapter 21: Outcomes for clinical trials of host-directed therapies for tuberculosis -- Chapter 22: Pharmacological considerations for clinical trials of host-directed therapies for tuberculosis.

Sommario/riassunto

This book discusses specific immune cell regulatory pathway(s), immune cell types, or other mechanisms involved in host responses to tuberculosis that can be potentially targeted for host-directed therapy (HDT). The pathways/mechanisms investigated are either protective – thus calling for pathway/factor enhancing drugs – or maladaptive – thus calling for pathway/factor inhibitory drugs. Discovery and development (pre-clinical and clinical) of candidate HDT agents will also be elucidated, as well as approaches for HDT of other diseases. The benefit to the reader will derive from learning about the biology of multiple host pathways involved in health and disease, how these pathways are disrupted or dysregulated during tuberculosis, and which druggable targets exist in these pathways. This book provides the reader with a roadmap of current and future directions of HDT against tuberculosis. Since the host pathways/factors involved in protective or maladaptive responses to tuberculosis are not disease-specific, information learned from the context of tuberculosis likely will be relevant to other infectious and non-infectious diseases.

2. Record Nr.	UNISA996202122703316
Autore	Kreidler Charles W. <1924->
Titolo	The pronunciation of English : a course book / / Charles W. Kreidler
Pubbl/distr/stampa	Malden, Massachusetts : , : Blackwell Pub., , [2004] ©2004
ISBN	0-470-79734-7 1-281-32145-1 9786611321451 0-470-75926-7 0-470-75923-2
Edizione	[Second edition.]
Descrizione fisica	1 online resource (326 p.)
Classificazione	18.04
Disciplina	421.52
Soggetti	English language - Pronunciation by foreign speakers English language - Pronunciation
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 (pages [296]-302) and index.
Nota di contenuto	The Pronunciation of English: A Course Book; Contents; Preface to the Second Edition; About this Book; 1 Language and Speech; 1.1 Language variation; 1.2 A very brief history of the English language; 1.3 Speech and language; 1.4 Phonological analysis; 1.5 Summary; Notes; 2 Sound ... and Voice; 2.1 Hearing; 2.2 Energy, vibration, and medium; 2.3 The measurement of vibrations; 2A Exercise: sound waves; 2.4 Resonance; 2.5 Air in motion; 2.6 The human voice; 2.7 The vocal cords; 2.8 The vocal tract; 2.9 Kinds of speech sounds; 2B Exercise: classes of sounds and features; 2.10 Summary 2.11 Addendum: a note on redundancy2C Exercise: redundancy statements; 2A Feedback; 2B Feedback; 2C Feedback; Notes; 3 Consonants; 3A Preliminary exercise: identifying consonants by matching; 3.1 The feature [consonantal]; 3.2 Lip consonants (labials); 3.3 Tongue-tip consonants (apicals); 3B Questions about features; 3.4 Tongue-front consonants (laminals); 3.5 Tongue-back consonants (dorsals); 3.6 Summary chart; 3C Questions about feature differences; 3.7 Articulators or points of articulation?; 3.8 The feature [lateral]; 3.9 Summary; 3D Exercise: practice with symbols; 3A Feedback

3B Feedback; 3C Feedback; 3D Feedback; Notes; 4 Vowels and Glides; 4A Preliminary exercise; 4.1 Dialect differences; 4.2 Vowel features; 4.3 A general inventory and particular inventories; 4.4 Phonetic descriptions; 4.5 The vowel inventories of specific dialects; 4.6 The incidence of vowels; 4B Practice with transcription; 4.7 The glides; 4C Practice with phoneme classes; 4D Exploring matters of vowel incidence; 4.8 Summary; 4A Feedback; 4B Feedback; 4C Feedback; 4D Feedback; Notes; 5 Syllables and Stress; 5.1 Syllables; 5.2 Syllable structure; 5A Exploring syllable onsets; 5A Feedback and comment; 5B Exploring syllable codas; 5B Feedback and comment; 5.3 Strong and weak syllables; 5.4 Syllable division; 5.5 Suffixes and stress; 5C Exercise on stress in related words; 5.6 Compounds and some other words; 5D Exercise on certain word endings; 5.7 Identifying the vowels of weak syllables; 5E Exercise and comment: final /l, U, o/; 5F Exercise and comment: /l, U/ before vowels; 5G Exercise and comment: contrast of /B/ and /C/l; 5.8 Syllabic consonants; 5H Practice with syllabic consonants; 5.9 Summary; 5C Feedback; 5D Feedback; Notes; 6 Phonotactics; 6.1 Word-initial position; 6A Problem: initial clusters; 6A Feedback and discussion; 6.2 A note regarding /j/; 6.3 Contrast and variation; 6.4 Word-final position; 6B Questions: final clusters; 6B Feedback and discussion; 6C Clusters of three consonants; 6.5 Word-medial position; 6D Question: medial clusters; 6E Practice: dividing into syllables; 6.6 Borrowed words; 6.7 Omission and insertion of a consonant; 6.8 Limits on vowel occurrences; 6.9 Free vowels and checked vowels; 6F Investigating some constraints; 6.10 Functional loads; 6.11 Summary; 6C Feedback; 6D Feedback; 6E Feedback; 6F Feedback

Sommario/riassunto

This revised second edition provides an introduction to the phonetics and phonology of English. It incorporates all central aspects of research in the phonology of English and involves the reader at every step, with over 80 exercises leading students to discover facts, to formulate general statements, and to apply concepts. Discusses the nature of speech and phonetic description, the principles of phonological analysis, the consonants and vowels of English and their possible sequences. Provides extensive treatment of rhythm, stress, and intonation and the role of these