

1. Record Nr.	UNINA9910780724403321
Titolo	Recent works on microbes and infections in China [[electronic resource]] : selected from the Journal of microbes and infections (China) / / edited by Yu-Mei Wen ... [et al.]
Pubbl/distr/stampa	Singapore, : World Scientific, c2010
ISBN	1-282-76051-3 9786612760518 981-283-567-9
Descrizione fisica	1 online resource (334 p.)
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Disciplina	579.2072051
Soggetti	Virology - Research - China Communicable diseases - Research - China
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	section 1. Bacteria. Introduction and comments : studies on bacteria by molecular and experimental approaches / Yu-Mei Wen. 1.1. Cloning, expression and immunological evaluation of a novel protein belonging to the OmpA family in Leptospira interrogans / Wei Lin ... [et al.]. 1.2. Surveillance of Leptospirosis and the Murine Reservoirs in China, 2005 / Xiu-Gao Jiang ... [et al.]. 1.3. Cloning and expression of the histidinol dehydrogenase gene from mycobacterium tuberculosis H37Rv and properties of the recombinant histidinol dehydrogenase / Rui-Liang Jin ... [et al.]. 1.4. Cloning and sequence analysis of the fbps gene of Streptococcus suis Type 2 / Li-Yun Sun, Hong-Jie Fan and Cheng-Ping Lu. 1.5. Effects of EnvZ histidine kinase inhibitors on the virulence of Shigella flexneri / Ming-Liang Chen ... [et al.]. 1.6. Detection of virulence and genes for viable but nonculturable (VBNC) Campylobacter jejuni / Jie-Lin Yang ... [et al.] -- section 2. Viruses. Introduction and comments : trends on virus research in China / Yu-Mei Wen. 2.1. Transcriptomic and proteomic studies on HBsAg-positive transgenic mouse livers suggest alterations in carbohydrate, lipid and amino acid metabolism / Jun Ren ... [et al.]. 2.2. Large-scale polymorphism analysis of hepatitis B virus envelope protein using bioinformatics / Zhe Chen ... [et al.]. 2.3. Studies on the inactivation of hepadnavirus in

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Sommario/riassunto

Microbial infections have been and continue to be a major threat to public health. China has a huge population, among which, microbial infections are of great concern. The Journal of Microbes and Infection, a nationwide journal in China with over 4000 subscriptions, publishes original research articles on microbes and infections in the Chinese language. This book contains selected research articles published in this journal from 2006 to 2007 that have been translated into English, and offers a glimpse of a broad range of microbial infections including the clinical and epidemiological aspects of various viral infections,

current status of bacterial infections in hospitals, and severe cases of fungal infections. This book provides a rare opportunity for scientists and physicians abroad to see the completely original research data, rather than just the abstract, based on studies conducted in modern China. Articles on molecular biological and bioinformatic studies are also included. An overview of the recent research trend in medical microbiology and infectious diseases in China will be presented as well. Scientists and physicians working in the fields of virology, microbiology, immunology, epidemiology, vaccinology, and infectious diseases will find the articles in this book fascinating and relevant to their own research and practice.
