

Publication

Analyzing the interaction of pathogens with the host immune system

JournalArticle (Originalarbeit in einer wissenschaftlichen Zeitschrift)

ID 156411

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Year 2009

Title Analyzing the interaction of pathogens with the host immune system

Journal Immunology letters

Volume 122

Number 2

Pages / Article-Number 112-4

Keywords Mycobacterium tuberculosis, Coronin 1, Protein kinase G, Calcineurin, Calcium

Infectious diseases continue to represent a great burden to human society, being responsible for approximately 14 to 16 million deaths annually. Today, Mycobacterium tuberculosis, the causative agent of tuberculosis, remains one of the most important infectious agents. Moreover, with the emergence of multi drug and extensive drug resistant strains of M. tuberculosis, there is a great need for a better understanding of the virulence strategies utilized by this pathogen. In this manuscript, we discuss some of the strategies that have been followed to unravel virulence mechanisms utilized by M. tuberculosis. Knowledge of these mechanisms is important to reveal potential targets that may be useful for the development of compounds to treat tuberculosis.

Publisher Elsevier

ISSN/ISBN 0165-2478

edoc-URL <http://edoc.unibas.ch/dok/A5259384>

Full Text on edoc Restricted;

Digital Object Identifier DOI 10.1016/j.imlet.2008.11.016

PubMed ID <http://www.ncbi.nlm.nih.gov/pubmed/19135088>

ISI-Number WOS:000265129300004

Document type (ISI) Journal Article, Review