Life Sciences
Books and Journals from Cambridge University Press

Cambridge is one of the leading publishers in ecology and conservation biology and publishes high quality texts and research across the breadth of the life sciences, focusing particularly on animal behaviour, biological anthropology, evolutionary biology, computational and systems biology, as well as statistics and professional development titles for biologists.

We also have an extensive portfolio of established journals in agriculture, ecology and conservation, and animal science.

For further details visit: cambridge.org/core-life-sciences
Medicine
Books and Journals from Cambridge University Press

The Cambridge Medicine programme focuses its book publishing in a defined set of core clinical areas with our great strength in the clinical brain sciences. Other specialties of significant focus include reproductive medicine/obstetrics and gynaecology, anaesthesia and critical care, emergency medicine and pathology.

Our journals programme covers a broad spectrum of medical disciplines including emergency and disaster medicine, epidemiology and infectious diseases, biomedical science, genetics, nutrition, mental health and psychiatry, and neuroscience.

We partner with many learned societies including The Society for Healthcare Epidemiology of America, and the Neuroscience Education Institute, and the Royal College of Obstetricians and Gynaecologists.

For further details visit: cambridge.org/core-medicine
To submit papers online, go to http://mc.manuscriptcentral.com/par/
PARASITOLOGY

CONTENTS

SPECIAL ISSUE

EDITORIAL
Microbial protein targets: towards understanding and intervention
Paul W. Denny

SPECIAL ISSUE REVIEW ARTICLES

Mycobacterial cell wall biosynthesis: a multifaceted antibiotic target
Katherine A. Abrahams and Gurdyal S. Besra

Everybody needs sphingolipids, right! Mining for new drug targets in protozoan sphingolipid biosynthesis
John G. M. Mina and P. W. Denny

SPECIAL ISSUE ARTICLE

The antifungal Aureobasidin A and an analogue are active against the protozoan parasite Toxoplasma gondii but do not inhibit sphingolipid biosynthesis

CORRIGENDUM

The antifungal Aureobasidin A and an analogue are active against the protozoan parasite Toxoplasma gondii but do not inhibit sphingolipid biosynthesis – Corrigendum

SPECIAL ISSUE REVIEW ARTICLES

New developments in probing and targeting protein acylation in malaria, leishmaniasis and African sleeping sickness
Markus Ritzefeld, Megan H. Wright and Edward W. Tate

The trypanosome alternative oxidase: a potential drug target?
Stelana K. Mirove, Lindsay B. Tulloch, Gordon J. Florence and Terry K. Smith

Fragment-based approaches to TB drugs
Chiara Marchetti, Daniel S. H. Chan, Anthony G. Coyne and Chris Abell

Let’s get SSiStical: fast in silico synchronization as a new tool for cell division cycle analysis
Brooke Montiwood and Markus Engler

The calcium-dependent protein kinase I from Toxoplasma gondii as target for structure-based drug design
Emily M. Cardew, Christophe L. M. J. Verlinde and Ehmke Pohl

Repurposing as a strategy for the discovery of new anti-leishmanial: the-state-of-the-art
Rebecca L. Chariton, Sarsha Rossi-Bergmann, Paul W. Denny and Patrick G. Steel

Leishmania and other intracellular pathogens: selectivity, drug distribution and PK–PD
Simon L. Croft

Submit your paper online
http://mc.manuscriptcentral.com/par

ISSN: 0031-1820

Microbial protein targets: towards understanding and intervention

Rebecca L. Chariton, Sarsha Rossi-Bergmann, Paul W. Denny and Patrick G. Steel

Guest Editor
Paul W. Denny

Co-ordinating Editor
J. T. Ellis