MOLECULAR AND BIOCHEMICAL PARASITOLOGY

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- the structure, biosynthesis, degradation, properties and function of DNA, RNA, proteins, lipids, carbohydrates and small molecular-weight substances
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- drug target characterization and the mode of action of antiparasitic drugs
- molecular and biochemical aspects of membrane structure and function
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- analysis of genes and genome structure, function and expression
- analysis of variation in parasite populations relevant to genetic exchange, pathogenesis, drug and vaccine target characterization, and drug resistance.
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Contact details for submission

Phil LoVerde
University of Texas,
Departments of Biochemistry and Pathology,
Mail Code 7760, Health Science Center,
San Antonio, Texas 78229-3900, USA.
Email: loverde@uthscsa.edu

Christian Doerig
Department of Microbiology
Monash University, Wellington Road, Victoria, 3800,
Victoria, Australia
Email: christian.doerig@monash.edu

Keith Matthews
University of Edinburgh, Institute of Immunology and Infection Research,
School of Biological Sciences,
Ashworth Laboratories, West Mains Road,
Edinburgh, EH9 3JT, Scotland, UK.
Email: keith.matthews@ed.ac.uk

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