



Molecular Research on Parasites and the Host Immune Response

Guest Editor:

Dr. Piotr Bąska

Institute of Veterinary Medicine,
Department of Preclinical
Sciences, Division of
Pharmacology and Toxicology,
Ciszewskiego 8 Street, 02-786
Warsaw, Poland

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Message from the Guest Editor

Dear Colleagues,

Parasites are a divergent group of organisms that attack various hosts, leading to serious problems for both human and veterinary medicine. They lead to significant morbidity and losses in animal production. Clinical manifestations can range from severe and fatal to long-lasting infections that have a beneficial impact on the host, alleviating symptoms of allergies and autoimmune diseases. Substantial focus has been placed on investigating both the positive and negative aspects of these infections. Scientists have been trying for years to develop effective vaccines against parasites as well as to utilize them in the treatment of autoimmune diseases and allergies. However, in order to achieve these goals, deciphering the molecular-level crosstalk between invading parasites and the host is necessary. Parasites can interfere with the immune system, interact with the nervous system, and impact the composition of the host's microbiota.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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