

Special Issue

Molecular Research on Host-Parasite Interactions

Message from the Guest Editor

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.

Guest Editor

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