

Joint Special Issue

Immunodiagnostic, Immunoprophylactic, and Immunotherapeutic Approaches against Infectious Diseases

Message from the Guest Editors

Immune-based tools have been extensively used in order to develop diagnostic, vaccinal, and therapeutic countermeasures to combat infectious diseases. Novel anti-infective monoclonal antibodies are also approaching the clinics in the next few years, and many more are currently under development. The availability of such specific reagents is thus pivotal to study host-pathogen interaction as well as to develop innovative approaches to eradicate infections. Recent high-throughput technologies are allowing to unravel the antibody repertoire in depth, such as in the context of certain infections or following immunization, for which it is important to understand what the key determinants conferring the protection are. In this Special Issue, we encourage the submission of papers on recent advances in the field, especially focusing on how we can exploit the immune system to understand new host-pathogen relationships as well as for the development of novel prophylactic, therapeutic, and diagnostic tools.

Guest Editors

Dr. Giuseppe A. Sautto

Dr. Roberta Antonia Diotti

Dr. Rodrigo Bessa Abreu

Deadline for manuscript submissions

closed (31 December 2021)

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