



Immune Ontogeny and Vaccination in Early Life

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Message from the Guest Editors

Dear Colleagues,

The development of the immune system needs a number of changes that occur during the first years of life. The neonatal immune system is exposed to a large number of previously unseen antigens. The field is still lacking a good animal model to get insights into immune ontogeny in early life and development of immune-mediated diseases later in life. We are currently establishing a pediatric immunology program (PIP) where the NHP will be essential and central to developing comprehensive studies that will explore immune ontogeny, microbiome, vaccination, transfer of maternal immunology, system immunology, and serology.

The goal of this Research Topic is to gather several known experts in the field of pediatric immunology, infectious diseases, and vaccinology to give an update on their latest research studies that are relevant to early life newborns and immune-mediated diseases later in life, and to develop a method to use the NHP model in the most comprehensive way to address important/remaining questions in the field.

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