Special Issue

(Virus-Like) Particles as Platforms for Vaccine Delivery and Modulation of Immune Cell Function

Message from the Guest Editor

Our immune system preferentially discriminates between self and non-self antigens, thus contributing to long-term homeostasis. Some antigens are introduced in a (water-)soluble form into our body. In contrast, other antigens are part of a smaller or larger particulate context, such as virus particles, bacteria, or even larger microorganisms. On the one hand, it may be interesting to induce potent effector and memory functions. In contrast, on the other hand, immune responses may be directed towards regulatory responses. Since the (viruslike) particles themselves can be varied not only in size and physicochemical composition but also in the way they express nominal antigens and transport them to the host organisms, they are ideally suited for the delivery of vaccine antigens and as platforms for triggering immunoregulatory responses. We encourage all scientists interested in research based on (virus-like) particles and immunomodulation to submit their manuscripts for this Special Issue of Vaccines and guarantee expert and timely peer review.

Guest Editor

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Vaccines (ISSN 2076-393X) has had a 6-year history of publishing peer-reviewed state of the art research that advances the knowledge of immunology in human disease protection. Immunotherapeutics, prophylactic vaccines, immunomodulators, adjuvants and the global differences in regulatory affairs are some of the highlights of the research published that have shaped global health. Our open access policy allows all researchers and interested parties to immediately scrutinize the rigorous evidence our publications have to offer. We are proud to present the work and perspectives of many to contribute to future decisions concerning human health.

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