

Special Issue

Updates of Calcineurin/NFAT Signaling in Human Health and Diseases

Message from the Guest Editor

The intracellular signaling cascade regulated by a phosphatase, calcineurin, and its substrate transcription factor, nuclear factor of activated T cells (NFAT), has been demonstrated to play a crucial role not only in the development, differentiation, and function of immune, cardiovascular, nervous, bone, urinary, and genital organs but also in inducing various diseases, including cancer, in those organs. The versatile function of this cascade is achieved by forming a molecular family consisting of multiple genes and splicing variants with extensive diversity in expressing organs, target genes and proteins, and effects. This Special Issue will focus on, but not be limited to, recent advances across physiological and pathophysiological functions, underlying molecular mechanisms, and attempts to generate new regulators of calcineurin/NFAT signaling. Based on the prospective contribution of authors at the forefront of calcineurin/NFAT study, I would be happy if this issue could help to create new means of overcoming veteran immunosuppressants.

Guest Editor

Dr. Osamu Kaminuma
Hiroshima University, Hiroshima, Japan

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. José L. Quiles
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