



IL-36 Family Cytokines in Physiological and Pathophysiological Inflammation

Guest Editor:

Dr. Andreas Weigert

Institute of Biochemistry I,
Faculty of Medicine, Goethe-
University Frankfurt, 60590
Frankfurt, Germany

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Message from the Guest Editor

The IL-36 family of cytokines is a poorly understood subfamily of the IL-1 family. It consists of three pro-inflammatory receptor agonists: IL-36 α , IL-36 β , IL-36 γ ; one IL-36 receptor (IL-1R6) antagonist: IL-36RA; and one putative IL-1R6 antagonist: IL-38. Experimental data suggest that IL-36 family cytokines play a role in the protection of barrier tissues from infection, but also in the auto-inflammatory disorders in these tissues. The most prominent example of this is most likely the increased susceptibility to generalized pustular psoriasis, which is caused by mutations in IL-36RA. There is still much to learn about the function of IL-36 family cytokines in inflammatory disorders, including auto-immunity and cancer. Therefore, this Special Issue welcomes original research and review articles that focus on the molecular aspects of IL-36 family signaling in physiological and pathophysiological inflammation.





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Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology,
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Granada, Spain

Message from the Editor-in-Chief

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