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Molecular Mechanisms of Hypo- and Hyper-Pigmentations in Human Melanocytes

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Message from the Guest Editor

Dear Colleagues,

Although anti-pigmenting products in the cosmetic field are becoming more and more popular, little is known about the precisely established molecular mechanisms of hypo- and hyper-pigmentations in human melanocytes or human skin, despite the many hypotheses for such molecular mechanisms that have been proposed in experimental systems using B-16 melanoma cells, animal hair follicular pigment cells and animal skin. Thus, a major aim for this Special Issue is to clarify the molecular mechanisms of hypo- and hyper-pigmentations in human melanocytes or human skin, including UVA or UVB melanosis/leiodermia/vitiliginous skin/melasma/solar lentigo/atopic dirty skin.

This Special Issue aims to provide a summary of the emerging field with emphasis on novel developments and novel results with different types of skin hyper- or hypo-pigmentation. The Special Issue also calls for original research and reviews, including perspectives in the field of the current standing of molecular mechanisms of hypo- and hyper-pigmentations. Papers on molecular mechanisms of new pigmenting regulatory products, introduction of idea for new anti-pigmenting agents, and new techniques for measuring the pigmentatin process are welcome.

Prof. Dr. Genji Imokawa
Guest Editor



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