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Molecular Mechanisms and Novel Therapeutics in Pigmentation Disorders

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Message from the Guest Editor

Pigmentation gives color to the skin, hair, and iris of the eye. Abnormal pigment distribution or production result in pigmentation disorders, known as hypopigmentation and hyperpigmentation, including vitiligo, albinism, melasma, gray hair and iris albinism, etc. The underlying pathological mechanisms involved in regulating normal pigmentation are complicated, and are still not fully understood in many pigmentary diseases. However, owing to their etiological complexity, we still do not understand how and why these diseases develop. An interplay of the microbiome, environmental stressors and the internal environment around the melanocyte, and cross talk between epithelial cells, neural cells and immune cells are now being intensively studied. This Special Issue of *Life* welcomes a broad range of basic, preclinical and translational original and review articles focused on groundbreaking research in this field. We welcome novel work exploring important aspects of the molecular pathogenesis of pigmentation disorders and specific therapeutic strategies.



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Special Issue



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Message from the Editor-in-Chief

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