

Special Issue

Molecular Mechanisms and Novel Therapeutics in Pigmentation Disorders

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.

Guest Editor

Prof. Dr. Lingli Yang

Department of Pigmentation Research and Therapeutics, Graduate School of Medicine, Osaka City University, Osaka 545-0041, Japan

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Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

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Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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