



Hair Disorders

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Message from the Guest Editor

The hair follicle (HF) has a range of biological functions including thermoregulation, wound healing, and sensory function, as well as a social function in which hair is an important part of an individual's self-image. Hair disorder can cause the alteration of one of more of these functions. Development of molecular biology techniques, as well as methods of high-throughput screening, has made it possible to identify genes involved in the pathogenesis of a range of human diseases, as well as to identify molecules involved in the control of gene expression. This Special Issue will focus on hair disorders research in basic science, through animal testing of potentially therapeutic molecules, to clinical trials. For instance, decades of basic research on alopecia areata, an autoimmune disease of HF, has led to the identification of an important JAK-STAT pathway in the pathology of the disease, and the testing of JAK inhibitors molecules such as ruxolitinib, tofacitinib on animal models has shown successful results in alopecia areata patients. In this issue, we would like to invite you to share with us your latest discoveries and developments regarding hair disorders.





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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

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