

## Special Issue

# Genetic and Epigenetic Mechanisms on Psoriasis

### Message from the Guest Editor

Psoriasis is a multifactorial disease, predominantly caused by genetic factors. Psoriasis vulgaris (PV) accounts for about 90% of cases, and one third of psoriasis patients are also affected by psoriatic arthritis (PsA).

Psoriasis is a clearly hereditary disease; twin studies have shown that identical twins are 2–3 times more likely to have psoriasis than dizygotic twins. In the last 2 decades, over 80 different genetic loci have been identified. Human leukocyte antigen (HLA) genes are most strongly associated with psoriasis risk, particularly HLA-C\*06:02.

This Special Issue aims to provide a comprehensive and updated overview of genetic and epigenetic mechanisms of psoriasis. This includes genetic studies based on genomic analyses using the latest NGS methods, which may reveal new diagnostic biomarkers, or model systems that can explain pathophysiological mechanisms and provide new therapeutic approaches. To expand knowledge on such complex topics, contributions from experts in the field are needed in the form of research papers and critical reviews.

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### Guest Editor

Prof. Dr. Judith Fischer

Medical Center, Faculty of Medicine, Institute of Human Genetics,  
University of Freiburg, 79106 Freiburg, Germany

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### Deadline for manuscript submissions

closed (10 June 2022)

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## Genes

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*Genes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[genes@mdpi.com](mailto:genes@mdpi.com)

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### Message from the Editor-in-Chief

*Genes* is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
Department of Pathology, The University of Alabama at Birmingham,  
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

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