Special Issue

Inherited Retinal Diseases

Message from the Guest Editors

Inherited retinal diseases (IRDs), which are among the most common genetic diseases in humans, define a clinically and genetically heterogeneous group of disorders that cause visual loss due to improper development, improper function, or premature death of the retinal photoreceptors. IRDs are distinguished by several factors, including the type and location of affected cells and the timing of disease onset. However, these heterogeneous clinical entities lie along a spectrum, and in some cases, the diagnostic boundaries between them are not distinct. Over 260 genes have been implicated in IRDs. However, the contribution of each of these genes to the overall prevalence of the disease is relatively small, and for many of them, pathogenic mutations have been reported in only a few families worldwide. This Special Issue will focus on IRD clinical genetics, molecular genetics, diagnosis, bioinformatics, and functional studies, among other topics.

Guest Editors

Prof. Dr. Tamar Ben-Yosef
Technion—Israel Institute of Technology, Haifa, Israel

Dr. Susanne Roosing
Department of Human Genetics, Radboud University Medical Center, 6525 GA Nijmegen, The Netherlands

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

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino
Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

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