

## Special Issue

# Inherited Retinal Diseases: How Can We Move Forward in Understanding and Treating Them

### Message from the Guest Editors

The past decades have seen significant developments in inherited retinal diseases (IRD), with the advent of next generation sequencing, as well as innovative therapies. Nevertheless, despite this progress, the genetic defect is still missing in about 30% of non-syndromic IRD, even with comprehensive testing, including classical linkage analyses, positional cloning, candidate gene, and Sanger sequencing approaches or, more recently, targeted next generation sequencing, whole exome (WES), or whole genome sequencing (WGS). In the future, efforts should be made to identify these missing defects, to provide accurate genetic counseling and disease prognosis, and to prepare patients for therapeutic trials, but also to improve our basic understanding of retinal physiology. In this Special Issue, we welcome original research or review articles related to gene identification, functional studies to validate pathogenic mechanisms, and comprehensive phenotype–genotype correlations underlying inherited retina disorders.

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### Guest Editors

Prof. Dr. Isabelle Audo

INSERM, CNRS, Institut de la Vision, Sorbonne Université, F-75012 Paris, France

Dr. Christina Zeitz

INSERM, CNRS, Institut de la Vision, Sorbonne Université, F-75012 Paris, France

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### Deadline for manuscript submissions

closed (31 January 2020)



## International Journal of Molecular Sciences

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

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Prof. Dr. José L. Quiles  
Department of Physiology, Institute of Nutrition and Food Technology  
"Jose Mataix", Biomedical Research Center, University of Granada,  
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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