



biology



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Vision and the Immune System

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Deadline for manuscript
submissions:

31 January 2025

Message from the Guest Editor

Evidence has been mounting that vision and immune functions are interconnected systems within the human body in general, not just involving rhodopsin. On the one hand, the immune system safeguards the eyes from infections but also contributes to allergies, autoimmune disorders, and the degeneration of the retina in diseases such as diabetic retinopathy and retinitis pigmentosa. While the retina can attract immune cells, it also produces them. Understanding these systems' relationships is essential for maintaining eye health and overall well-being. We would like to invite review and original contributions aimed at delineating these interconnections. Given the interdisciplinary nature of this topic, submitted papers may also be focused on areas of research and/or methodologies that may be applicable to address the topic, even if they have not yet been applied.



mdpi.com/si/177872

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