# **Special Issue**

# Myasthenia Gravis and Innate Immunity—Dedicated to the Memory of Dr. Pia Bernasconi

### Message from the Guest Editors

This Special Issue is dedicated to the memory of our colleague and friend Pia Bernasconi, an enthusiastic scientist with a great passion for research, whose studies significantly contributed to the understanding of the pathogenetic link between innate immunity and autoimmunity in myasthenia gravis.

Myasthenia gravis (MG) is a prototypic B cell-mediated autoimmune disease, mainly caused by autoantibodies to the acetylcholine receptor (AChR) located at the neuromuscular junction. Its pathogenesis is closely linked to morphological and functional alterations (follicular hyperplasia, thymoma) of the thymus, which is widely considered the main site of autoimmunity onset in MG patients. Over the past decade, an increasing body of evidence has been accumulated showing that pathogen infections (e.g. Epstein-Barr virus), dysregulated Toll-like receptor-mediated signaling pathways, interferon overexpression, and chronic inflammation are critically involved in the intrathymic MG development. This Special Issue aims to summarize new insights on the pathogenic cross-talk between innate immunity and autoimmunity in MG.

#### **Guest Editors**

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### Deadline for manuscript submissions

closed (1 March 2025)



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