



## Novel Melatonin Based Therapies

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Deadline for manuscript  
submissions:

**closed (30 September 2021)**

### Message from the Guest Editors

Dear Colleagues,

Melatonin has emerged in the last decade as a promising agent to counteract most of the physiopathological events that trigger several disorders. Most of the beneficial molecular functions exerted by melatonin are due to the following: Its small size and amphiphilic nature allow the molecule to easily diffuse through any membrane, reaching cytosolic, mitochondrial and nuclear compartments. It is a potent scavenger of free radicals, both directly and indirectly, inhibiting the activity of prooxidative enzymes and stimulating antioxidant enzymes through interactions with two high-affinity G protein-coupled receptors.

In this Special Issue, we will focus on the use of melatonin as an adjuvant treatment in a wide variety of diseases, which could be of critical importance for the development of novel therapeutic strategies.

This Special Issue will serve as a forum to bring together researchers of different fields to share advances in the knowledge of the therapeutic uses of melatonin.

Prof. Dr. Alejandro Romero Martínez

Prof. Dr. Russel J. Reiter

Guest Editors





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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