



## Unraveling the Molecular Mechanisms of Mesenchymal Stem Cells Protective Action

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Deadline for manuscript submissions:

**closed (31 December 2020)**

### Message from the Guest Editor

Dear Colleagues,

So far mesenchymal stem cells (MSCs) have been used in a huge number of studies, with very promising results in the largest part of experimental models. In particular, MSCs have displayed a protective action, being able both to support the survival of different kinds of cells and to protect them against different toxic stimuli. Many researchers have contributed to shed light on such a unique effect, by proposing new and different mechanisms of action for MSCs as well as by developing new experimental models to test them. In this way, the field of MSC application is rapidly expanding, and a clear understanding of the molecular mechanisms underlying their protective action represents a very important goal, with a potential great impact on different diseases. The aim of this open-access Special Issue is to update the knowledge about MSC mechanisms of action, thus also providing new inspiration to seek new and unexplored ideas.

Prof. Arianna Scuteri  
Guest Editor





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