



## Adipose Stem Cells

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### Message from the Guest Editors

Dear Colleagues,

Adipose tissue is a complex organ and in this last years it has received great attention thanks to its high stem cell content: Adipose Stem Cells (ASC).

Ideally, a stem cell for regenerative medicinal applications should meet the following set of criteria: (i) it should be found in abundant quantities (millions to billions of cells); (ii) it can be collected and harvested by a minimally invasive procedure; (iii) it can be differentiated along multiple cell lineage pathways in a reproducible manner; (iv) it can be safely and effectively transplanted to either an autologous or allogeneic host.

The aim of the present special issue is

- 1) characterisation of physiology of ASC
- 2) characterisation of secretoma activity of ASC
- 3) defining on of transcriptional and non-transcriptional events related to their commitment
- 4) application of ASC as tool to test novel





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## Message from the Editor-in-Chief

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