Message from the Guest Editor

Dear Colleagues,

Adipose tissue is a rich, ubiquitous and easily accessible source for multipotent stromal/stem cells (adipose-derived stromal/stem cells, ASCs). Isolated ASCs are a heterogeneous preparation consisting of several subpopulations of stromal/stem and precursor cells. Furthermore, donor-specific differences in ASC isolations and the lack of culture standardization impede the comparison of results from different studies.

This Special Issue welcomes original research and review papers addressing:

1. Isolation and characterization of ASC subpopulations
2. Characterization of donor-specific differences
3. Characterization of extracellular vesicles and exosomes isolated from ASC
4. In vitro preconditioning regimens to enhance their regenerative potential
5. In vivo models: Enhancement of organ and tissue regeneration after ASC transplantation

Prof. Dr. Patrick C. Baer
Guest Editor