Special Issue

Stem Cells in Personalized Medicine

Message from the Guest Editor

In the last decade, personalized medicine has gained a lot of traction and has pushed the limits of what we can do clinically. However, the true potential of personalized medicine, extending well beyond these current applications, waits to be fully realized.

Stem cell therapy can be tailored not only to an illness but also to an individual patient. Autologous cell sources are the first priority for cell therapy since they are safe, do not violate ethical perspectives and do not provoke immunogenic responses. Among the various autologous cell sources, induced pluripotent stem cells (iPSCs) show great potential for cell therapy application. In addition to directly treating patient tissue, iPSCs are also inducible into specialized disease cells for quick, easy, and personalized drug testing and dose selecting.

Personalized medicine through stem cell therapy has many benefits that are essential for the future of personal health. The goal of this issue is to provide an overview of novel studies, as well as updated classical studies, in personalized medicine.

Guest Editor

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Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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