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Stem Cells in Personalized Medicine

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Message from the Guest Editor

Dear Colleagues,

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.

Prof. Yong Li
Guest Editor



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Special Issue



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