Precision Medicine in Reproductive Health

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Message from the Guest Editors

In recent decades, with the development of in vitro fertilization, micro-testicular extraction sperm extraction, and targeted drug delivery, many couples suffering from infertility have been able to have their own children. However, there are still many infertility patients, especially with premature ovarian failure, azoospermia, etc., who cannot obtain biological offspring.

In recent years, precision molecular biology technologies such as gene therapy, targeted drugs, and in vitro differentiation systems have developed rapidly, which can remodel the meiotic process in vitro and produce healthy offspring in animal models. A variety of non-invasive detection and fertility assessment models also provide accurate screening methods and have been applied to individuals with infertility. This Special Issue of the *Journal of Personalized Medicine* aims to highlight some of the recent progresses focused on precision medicine in the diagnosis, prevention, and treatment of patients with infertility.

Special Issue

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Message from the Editor-in-Chief

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