Uterus Transplantation

Guest Editor:

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Message from the Guest Editor

Uterus transplantation (UTx) is a new assisted reproductive technology (ART) and organ graft method that provides an option for women with uterine factor infertility (UFI) to deliver a child. The first successful delivery in humans after UTx with a living donor was achieved by Brännström et al. in Sweden in September 2014. This excellent outcome has provided great hope to couples with no children due to UFI, and clinical application of UTx has spread rapidly to many countries. However, UTx is still in the experimental stage and there are many medical, technical, and ethical issues to be resolved. Therefore, successful UTx in humans requires careful accumulation of data in animal experiments and clinical trials for assessment of the efficacy and safety of the procedure, because the technology associated with UTx has not been standardized. For further development of this field, more discussion on medical, ethical, and social issues is needed in the world.