

Name of Journal World Journal of Gastroenterology

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Column: ORIGINAL ARTICLE

Basic Study

**Transplantation of insulin-producing cells to treat diabetic rats after 90% pancreatectomy**

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#### Abstract

**AIM:** To investigate the effects of insulin-producing cells (IPCs) for the treatment of diabetic rats after 90% pancreatectomy.

**METHODS:** Human umbilical cord mesenchymal stem cells (UCMSCs) were isolated and induced into IPCs using differentiation medium. Differentiated cells were examined by diaphorase (DIZ) staining, reverse

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