

Name or journal: *World Journal of Gastroenterology*

Manuscript NO: 35799

Manuscript Type: ORIGINAL ARTICLE

### Basic Study

Hypothermic machine perfusion with metformin-University of Wisconsin solution for *ex vivo* preservation of standard and marginal liver grafts in a rat model

Chai YC *et al.* HMP with metformin-UW for *ex vivo* liver grafts

Yi-Chao Chai, Guo-Xin Dang, Hai-Qi He, Jian-Hua Shi, Hong-Ke Zhang, Rui-Tao Zhang, Bo Wang, Liang-Shuo Hu, Yi Lv

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2013年8月7日 - Animal **models** of hepatic steatosis for liver transplantation .... Strategies applied on liver grafts during **ex vivo preservation** ... SCS by **machine perfusion** (MP) **preservation** in experimental studies to rescue steatotic livers. ... into **UW solution** for SCS of obese **rat** livers, and reduced oxidative stress and ...

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Heterotopic Auxiliary **Rat Liver** Transplantation With Flow-regulated Portal Vein ... A wider use of mouse small bowel transplantation **model** is needed in the study of .... technical considerations about the **perfusion machine** and the **perfusion solution**, and c) ... Medicine, Issue 90, **ex vivo liver perfusion**, **marginal grafts**, DCD.