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**Name of Journal:** World Journal of Gastroenterology

**Manuscript NO:** 25986

**Manuscript Type:** MINIREVIEWS

**Current understanding concerning intestinal stem cells**

Shuang Cui, Peng-Yu Chang

### **Abstract**

In mammals, the intestinal epithelium is a tissue that contains two distinct pools of stem cells: active intestinal stem cells and reserve intestinal stem cells. The former are located in the crypt basement membrane and are responsible for maintaining epithelial homeostasis under intact conditions, whereas the latter exhibit the capacity to facilitate epithelial regeneration after injury.

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