

### **Institutional animal care and use committee statement**

All experimental procedures of “Effects of HO-1/BM MSCs on microcirculation and energy metabolism following liver transplantation” were performed in accordance with the “Guide for the Care and Use of Laboratory Animals” (National Institutes of Health, 8<sup>th</sup> ed. 2011). All protocols were approved by the Animal Care and Research Committee of Tianjin First Central Hospital. Animals were anaesthetised and exsanguinated for tissue collection.