

# 中山大学动物实验方案审查同意书

Affidavit of Approval of Animal Use Protocol

Sun Yat-Sen University

伦理审查编号: 161021

申请人: 胡昔权 职称/学位: 教授/博士  
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课题名称: 小胶质细胞表型转化与髓鞘在 CCR2 过表达间充质干细胞来源外泌体改善脑卒中大鼠认知功能的作用及机制研究  
课题负责人: 胡昔权  
动物饲养地点: 中山大学生命科学学院中药与海洋药物实验室

本《动物实验方案》经实验动物管理与使用委员会审查通过。本方案计划饲养/应用的动物信息如下:

动物种类 (Animal Breed)	动物环境 (Animal Environment)	计划执行时间(Period of Protocol)
SD	SPF	2016.10.27-2018.08.01

The animal use protocol listed below has been reviewed and approved by the Institutional Animal Care and Use Committee (IACUC) .

Applicant: Xiquan Hu Title/Degree: Professor/PhD.  
Work Unit: the Third Affiliated Hospital of Sun Yat-sen University E-mail: xiquhu@hotmail.com; sysu\_hu@163.com;

IACUC Approval No: 161021

Protocol Title: Exosomes Secreted from CCR2-Overexpressing Mesenchymal Stem Cells Promote Cognitive Function by Enhancing Microglia/Macrophage M2 Polarization and Remyelination via the Suppression of Macrophage Infiltration Following Transient Middle Cerebral Artery Occlusion

Principle Investigator (PI): Xiquan Hu

Period of Protocol: Valid From: 2016.10.27 To: 2018.08.01

中山大学生命科学学院实验动物伦理委员会

Institutional Animal Ethics Committee of Life Sciences School, Sun Yat-sen University

日期(Date): 2016.10.27