

实验动物福利伦理审查表

Application Format for Ethical Approval for Research Involving Animals

申请日期: 2024年5月20

Appl. Date

受理编号: NSMC 伦理动物审 20240520 号

Appl. No.

批准文号:

I ACUC Issue No.

外泌体miR-191对结直肠癌的作用及相关机制	课题来源 研究生毕业课题 Sponsor Graduate graduation project
课题负责人 魏寿江 Name of Principal Investigator	科室 川北医学院附属医院胃肠外科 Department Department of Gastroenterology, Affiliated Hospital of North Sichuan Medical College
动物实验负责人 赵庆云 Contact Person	
课题实施动物实验的人数 2 Number of Implement	经专业培训的人数 2 Number of certificate
参与动物实验操作人员姓名、相关专业证书编号, 经验、培训、资质和能力的描述 Name and certificate number, Description of experience/training/competency of the individuals carrying out the research. 赵庆云: 是医学研究生, 均完成了医学实验动物学课程的理论及操作学习, 取得实验动物操作证书, 了解并掌握了实验动物科学相关的基础知识, 系统的学习了实验动物的喂养、灌胃、腹腔注射等基本操作。掌握一般动物实验标准操作流程、实验方法和人员安全防护技能。已通过实验数据规范性技术培训, 保证实验数据采集、记录、保存的可靠性。拥有独立操作的技能。 周宇: 是医学研究生, 已通过实验数据规范性技术培训, 保证实验数据采集、记录、保存的可靠性。拥有独立操作的技能。在本实验中主要参与注射、灌胃等操作。 Qingyun Zhao: He is a medical graduate student. He has completed the theoretical and operational learning of the course of medical laboratory animal science, obtained the certificate of laboratory animal operation, understood and mastered the basic knowledge related to laboratory animal science, and systematically learned the basic operation of feeding, gavage, and intraperitoneal injection of experimental animals. Master the standard operation procedures, experimental methods and personnel safety protection skills of general animal experiments. The experimental data standardization technical training has been passed to ensure the reliability of experimental data collection, recording and preservation. Ability to operate independently. Yu Zhou: He is a medical graduate student. He has passed the standardized technical training of experimental data to ensure the reliability of experimental data collection, recording	

and preservation. Ability to operate independently. In this experiment, they were mainly involved in injection, gavage and other operations.

动物实验设施许可证编号 SYXK(川) 2023-0076 Name and certificate number of the facility SYXK(Sichuan) 2023-0076	特殊实验设施许可证编号 无 Name and certificate number of the facility No
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现有动物实验设施条件是否与拟开展动物实验的规范性要求相匹配的描述
Conformity of facility condition and proposed to carry out experiment requirement

川北医学院已获得实验动物生产许可证及实验动物使用许可证，有专门的实验动物中心，拥有完善的屏障系统、隔离系统及独立的办公区，使用的是符合国际的实验动物标准饲料，符合 GB14925 相关要求。实验相关人员持证上岗，能定期或不定期进行实验动物等级质量检测，拥有开展动物实验的条件。在对动物的饲养、管理及实验中，会实行人道主义，严禁粗暴和虐待动物，动物笼器具大小适宜，尊重动物福利并竭尽全力做到“3R”原则。

North Sichuan Medical College has obtained the production license and use license of experimental animals. It has a special experimental animal center, a complete barrier system, isolation system and independent office area. It uses the feed that meets the international standard for experimental animals and the relevant requirements of GB14925. The relevant personnel of the experiment shall be on duty with certificates, be able to regularly or irregularly test the quality of experimental animals, and have the conditions to carry out animal experiments. In the feeding, management and experiment of animals, humanitarianism will be carried out. It is strictly prohibited to rough and maltreat animals. The size of animal cages and instruments is appropriate. The welfare of animals will be respected and the principle of "3R" will be fully implemented.

动物实验负责人签（章） 赵庆云
Signature (stamp) of Director of animal experiment

年 月 日
Y M D

所在院系/研究所（中心）意见
Opinion of applicant Department of institution

院系/研究所（中心）签（章）：
Signature (stamp) of the Department principal

年 月 日
Y M D



主管动物医师意见
Opinion of Veterinary of institution

主管动物医师签（章）：
Signature(stamp) Veterin.

2024 年 7 月 2 日
Y M D

实验动物设施意见
Opinion from laboratory animal facility

设施负责人签（章）：
Signature (stamp) of the facility Director

2024 年 7 月 2 日
Y M D

伦理委员会审批意见

Approval opinion of Ethics Committee

主审委员表决(签): [redacted] 同意 ()

Principal Committee Vote: Agree () ; Disagree ()

其他审查委员(签)/结论通过: [redacted] ; 不同意 ()

Non-presiding Member Vote/ Circulate conclusions:
Agree () ; Disagree ()

主任委员签(章)/川北医学院伦理委员会(章):

Signature(stamp) of Chairman of Committee /
Ethics Committee of North Sichuan Medical College(stamp):

2024年6月15日
Y M D

备注: 初审; 第 次审查。

Remarks first trial; reexamine No.

申报说明: 申报时, 请提交本表一式两份及电子版。受理文号由伦理委员会填写。

Notice: Submitting the Application Format in duplicate and a electronic edition.

The Appl. No. and IACUC Issue No. are make out by Jury.