动物实验伦理审查表
The Tab of Animal Experimental Ethical Inspection

编号(No): 20161101

请人填写的相关信息 (Concerned information wrote by applicant)	申请单位(Name of organization): General Surgery of Xuanwu Hospital, Capital Medical University	
	申请人学历 (Education of applicant): Ph.D. 技术职称 (Professional title): M.D. 岗位证书编号(Number of permit): 1116110400147	
	实验名称(Study title): Dysregulation of PARP1 is involved in the development of Barrett's esophagus	
	实验目的(Aim of experiment): The relationship between Barrett's esophagus and PARP-1 dependant DNA damage	

动物情况

动物来源(Source of animal) Vital River Laboratories of Beijing, China

品种品系(Species or strain): C57BL/6   等级(Grade): SPF   规格(Specifications): 25-30g

数量(Number): 20 只(♀0只; ♂20只)   申请日期(Application date): 2016 年 11 月 30 日

进驻日期(Entering date): 2017 年 01 月 03 日   结束日期(Ending date): 2017 年 06 月 30 日

实验要点,包括实验方法、观测指标、实验结束后处死动物的方法等(Outline of experiments, experimental methods, observational index, executing animal method et. al):

All 20 mice adapted to the environment 7 to 10 days after purchase, then water was banned for 24 h before the operation. Hydrate the chlorine at 10% Aldehyde (3ml / kg) was administered intraperitoneally for anesthesia. Lower end of esophageal was separated and longitudinal cut about 1-1.5cm was performed at Gastroesophageal junction without vascular region. The anti-reflux barrier of stomach - esophageal junction was damaged by the operation.

Animals were sacrificed at 3 months after surgery. Samples were taken in the operating room of the animal facility immediately after the animal sacrifice with over-dose anaesthetic drug----Hydrate the chlorine Aldehyde (20mg/kg). The entire stomach and oesophagus were removed and were immediately fixed in formalin for at least 24 hours.

申请人签名(Signature of applicant): *Chen Zhong*   联系电话(Telephone): 13436669975

审查依据 (Inspection contents)

1. 该项目是否必须用实验动物进行实验, 即能否用计算机模拟、细胞培养等非生命方法替代动物或用低等动物替代高等动物进行实验(Does laboratory animal must be used in the project? Could other methods such as computer simulation, cell cultivation or using the low-grade animal instead of the high-grade animal)?

2. 表中所填申请人资格和所用动物的品种品系、质量等级、规格是否合适, 能否通过改良设计方案或用高质量的动物来减少所用动物的数量(Are the qualification of applicant, species or strain, grade and specifications of animals suitable? Could the quantity of animals be reduced by improving the study design or using high quality animals)?

3. 能否通过改进实验方法、调整实验观测指标、改良处死动物的方法, 来优化实验方案、善待动物(Could the study design and animal treatment be refined by ameliorating experimental method, adjusting observational index, executing animal method)?

审查结果 (是否同意申请人的实验方案) (Results of inspection)

课题负责人意见 (Study director):	同意 ✓ (Agree) ☐	不同意 (Disagree) ☐	签名 (Signature) *Fei Li*
实验动物室主任意见(Director of Dept. of Lab Animal Science):	同意 ✓ (Agree) ☐	不同意 (Disagree) ☐	签名 (Signature) *Guodeju*
医院实验动物福利与伦理委员会意见(The Animal Care & Welfare Committee):	同意 ✓ (Agree) ☐	不同意 (Disagree) ☐	签章(Stamp)

备注(Supplement):