

温州医科大学实验动物中心动物实验伦理审查表

The Tab of Animal Experimental Ethical Inspection of Laboratory Animal Centre, Wenzhou Medical University

批准编号(ID Number): wydw2019-0224

申请人填写的相关信息 (Related information filled by applicant)	申请单位(Name of organization): 温州医科大学口腔医学院 School of Stomatology, Wenzhou Medical University	
	申请人学历 (Education of applicant): 硕士 Master	技术职称 (Professional title): 无
	实验名称(Experiment title): P75NTR 敲除对小鼠成骨及矿化的影响 The effect of knocking out p75NTR on mineralization and osteogenesis of mice	
	项目来源(Project sources): 国家自然科学基金 National Natural Science Foundation	
	实验目的(Aim of experiment): 研究 P75NTR 敲除对小鼠成骨矿化的抑制作用 To investigate the inhibition effect of P75NTR knockout on osteogenesis and mineralization in mice	
	实验动物使用许可证号(Number of the using of Laboratory Animal): SYXK (浙) 2015-0009	
	拟进动物情况	
	动物来源(Source of animal): 美国 Jackson 实验室 The Jackson Laboratory	
	品种品系(Species or strain): 129/terSv 等级(Grade): SPF 规格(Specifications): 25-30g	
	数量(Number): 30 只 (♀ 15 只; ♂ 15 只)	申请日期(Application date): 2018 年 11 月 12 日
进驻日期(Entering date): 2018 年 12 月 10 日		结束日期(Ending date): 2020 年 07 月 12 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): 实验以 p75NTR-/-小鼠为主要对象, 通过 Micro CT 扫描, 在体内进行验证内源性 p75NTR 变化对矿化成骨的调节作用, 进一步揭示颌骨及牙齿发生、发育机制; 实验结束后, 麻醉小鼠, 使小鼠安乐死, 经打包, 最后统一焚烧。 The experiment took p75Ntr-/- mice as the main object. Through Micro CT scanning, the regulation effect of endogenous p75NTR changes on mineralization and osteogenesis was verified in vivo, further revealing the occurrence and development mechanism of jaw bone and teeth. After the experiments, all mice were burned.		
申请人(Name of applicant): 吕德馨		联系电话 (Telephone): 18267851553 (661553)
项目负责人 (Name of Project director): 聂鑫		联系电话 (Telephone): 13806690349

声明(Statement):

我将自觉遵守实验动物福利伦理原则, 随时接受委员会的监督与检查, 如违反规定, 自愿接受处罚。

(I will conscientiously abide by the ethical principles of animal welfare, accept the supervision and inspection of the committee at any time, and voluntarily accept the punishment if any infringement.)

项目负责人签名(Signature of Project director): 聂鑫

项目执行人签章(Signature of Project implementation): 吕德馨

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)

实验动物管理和伦理委员会意见
(Attitude of the Animal Management and Ethics Committee):

同意
(Agree)

☒ 不同意
(Disagree)

☐ 修改后同意
(Agree after revised)

伦理委员会主任委员签名(Signature of Ethics Committee Director):



温州医科大学实验动物伦理委员会
温州医科大学实验动物中心
(Laboratory Animal Ethics Committee of Wenzhou Medical University & Laboratory Animal Centre of Wenzhou Medical University)

(代章)

(Stamp)

2019 年 6 月 10 日