

Institutional Animal Care and Use Committee

NO.201402068

Concerned information wrote by applicant	Name of organization: The first affiliated hospital of Guangxi medical university		
	Education of applicant: Doctor		
	Study title: The effects of IL-22 on colon cancer in BALB/c nude mice		
	Aim of experiment: Tumor immunotherapy in colorectal cancer		
	Basic data of animal	Source of animal: Guangxi Medical University Animal Experiment Center	
		Species or strain: BALB/c nude mice Grade: A Specifications: SPF	
		Number: 21	Application date: 2014-2-25
Entering date: 2014-3-12		Ending date: 2014-4-15	
Outline of experiments, experimental methods, observational index, executing animal method et. al: BALB/c nude mice were transplanted subcutaneously with RKO cells, then injected intraperitoneally with IL-22 alone or plus with STAT3 inhibitor. Tumor volume would be observed.			
Signature of applicant: <i>Yonghong Huang</i> Telephone: +86-771-5356529			
Inspection contents	1. 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?		
	Answer: Yes, no other methods can be instead.		
	2. 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?		
	Answer: Yes, it is suitable, and could not reduce the quantity.		
Results of inspection	3. Could the study design and animal treatment be refined by ameliorating experimental method, adjusting observational index, executing animal method?		
	Answer: We will use the best experimental method.		
	Study director: Feng Gao Agree <input checked="" type="checkbox"/> Disagree <input type="checkbox"/> Signature <i>Feng Gao</i>		
	Director of Dept. of Lab Animal Science: Agree <input checked="" type="checkbox"/> Disagree <input type="checkbox"/> Signature <i>Ming Ouyang</i>		
The Animal Care & Welfare Committee: Agree <input checked="" type="checkbox"/> Disagree <input type="checkbox"/>		Signature <i>Tao Luo</i>	

Feng Gao