## 吉林大学第二医院伦理委员会临床科学研究审批件

(2018年)研审第(004)号

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项目名称	Polycaprolactone Nanofibers loaded with 20(S)-Protopanaxadiol for <i>In Vitro</i> and <i>Vivo</i> Antitumor Activity Study					
申请资助类别						
申请科室	Department of Otolary Head and Neck Surger	v l	项目负责人	Bo Ten		
研究内容简介	nanofibers were such tween-80 as a solub collected by using Secondly, nanofiber in (SEM), thermogravity spectroscopy (FTIR) evaluated using water vitro and vivo antiture electron microscopy nanofibers increased (TG) analysis and in thermal and mechan structure of fabricated vitro release study released in a sustained nanofiber mats exam demonstrated that the Meanwhile, the drug antitumor study. All cancer treatment.  All experiments or guidelines; all exwith the regulations guidance of good latto carry out research	cessfully fabricalizer. Firstly, suitable solven ats were characteric (TG) and mechanical contact angle, nor activity and observations is with drug contact angle of the human speciments folloof the Ministry poratory animals.	cated by electronsmooth and content and appropriate analysis, For analys	cospinning continuous priate spir anning electronic describers equal to totoxic efficarcinoma remarkable uper antituta potential disconnocytes and guideling technology and	nanomers were mining conditions. Ectron microscope insform infrared membranes were egradation test, in a result, scanning if the drug-loaded thermogravimetric hipped with great whibited that the ge after 15 days. In mofibers could be fect of drug-loaded cells (Hep-2 cells) antitumor effect. Improved the artitumor effect in vivo carrier of PPD for evant national laws mes, In accordance of the state on the	
伦理委员会 审批意见	如 同意	□ 作必要修 后同意	改 口 不	同意	口 终止或暂停	
伦理委员会	Molus			学第二条		
主任委员签与			11	学第二医	院伦理委员会 月 <b>3</b> 日	