

山东大学第二医院科研伦理委员会

批 准 书

批准号: KYLL-2019(LW) 023

论文题目: Smac mimetics inhibit proliferation and induce apoptosis in esophageal cancer cells ECA109 by regulating the expression of IAPs family

第一作者: 姜宁 所在单位: 山东大学第二医院胸外科 联系电话:

通讯作者: 彭传亮 所在单位: 山东大学第二医院胸外科 联系电话:

拟投稿期刊: World Journal of Gastrointestinal Oncology

评审意见:

论文 “ Smac mimetics inhibit proliferation and induce apoptosis in esophageal cancer cells ECA109 by regulating the expression of IAPs family ”

经伦理委员会审查:

本研究应用 ECA109 细胞系。研究者的资格、经验符合试验要求; 研究方案符合科学性和伦理原则的要求; 获得知情同意的方法适当; 受试者可能遭受的风险程度与研究预期的受益相比合适。研究自 2018.01-2019.06 在山东大学第二医院中心实验室实施。

同意开展该项研究。

山东大学第二医院科研伦理委员会
主任委员: 彭传亮
2021年 1 月 29 日



Research ethics committee approval of the Second Hospital of Shandong university

Approval number: 1KYLL-2019(LW)023

TITLE: Smac mimetics inhibit proliferation and induce apoptosis in esophageal cancer cells ECA109 by regulating the expression of IAPs family

First author: Ning Jiang **Institute for the study:** Department of Thoracic Surgery, Second Hospital of Shandong University **Phone:** [REDACTED]

Corresponding author: Chuanliang Peng **Institute for the study:** Department of Thoracic Surgery, Second Hospital of Shandong University **Phone:** [REDACTED]

Periodicals to be contributed: World Journal of Gastrointestinal Oncology

Review comments:

TITLE "Smac mimetics inhibit proliferation and induce apoptosis in esophageal cancer cells ECA109 by regulating the expression of IAPs family"

Review by the ethics committee:

ECA109 cell line was used in this study. The qualification and experience of researcher meet the test requirements; the research project is accordance with the scientific and ethical principles; the method of obtaining informed consent is right; the patients can get more expected benefits compared to the risk degree. The study was conducted in the central laboratory of the Second Hospital of Shandong University from January 2018 to June 2019.

The study was approved by the Ethics Committee of the second hospital of Shandong university.

Research Ethics committee of the second hospital of shandong university

Chairman of Committee:

Date: 29 January 2021

