

P27

**Pharmacological Evaluation on Analgesic and Anti-inflammatory Effects of the Flavonoids Isolated from the Heartwood of *Rhus verniciflua* Stokes**

Byungjae Yoon\*, Myunghee Shin, Jungsoo Kim, Minhwa Jeong,  
Gabi Han Heesook Cho, Jongwon Choi

Collage of Pharmacy, Kyungsung University

This study was conducted to examine the analgesic and anti-inflammatory action due to on effects of sulfuretin and fustin which were isolates from ethylacetate fraction on *Rhus verniciflua* Stokes were intraperitoneally injected to rats the experimental animal models. In analgesic effects by the acetic acid writhing method and hot plate method were significantly effective in all sample group and pretreatment of methanol, ethylacetate extract, fustin and sulfuretin. The RA factor and CRP it control and pretreatment of methanol, ethylacetate extract, fustin and sulfuretin were decreased a positive control. Therefore these results suggest that the analgesic and anti-inflammatory active components of fustin and sulfretin which was isolated from etylacetate extracts of *Rhus verniciflua* Stokes.