

this study that Lamium album can be used as an anti-cancer drug for cervical cancer cell lines through inhibition of telomerase activity and induction of apoptosis.

**Keywords:** Bax, Bcl-2, HeLa, Telomerase activity, Lamium album

### **P271: Evaluation of anxiety disorders and depression in women with endometriosis: A Systematic Review**

Samaneh Yoseflu<sup>1</sup>, Ghazal Roshanzadeh<sup>2</sup>

1- Department of Midwifery and Reproductive Health, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, Iran

2- Department of Midwifery and Reproductive Health, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, Iran

**Corresponding Author:** Shahideh Jahanian Sadatmahalleh  
Department of Midwifery and Reproductive Health, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, Iran

### **P272: L-NAME inhibitory effect on ovarian cysts induced by morphine after the administration of drug in mid-ventral hypothalamus of Wistar rats**

Shima Kakavand<sup>1</sup> \*M Karami

**Corresponding Author:** \* M Karami  
Dept. of Biology, Faculty of Basic Sciences, Shahed University

**Background:** Polycystic ovary syndrome is a kind of complication in the reproductive system causing infertility. L- NAME is a competitive inhibitor for nitric oxide (NO) synthase enzyme which can antagonize the effects of NO, the pro-inflammatory mediator involved in cyst induction by morphine. This study examines the interaction of morphine / L-NAME in ventro-medial hypothalamus of Wistar rats.

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**Methods:** Animals were Wistar rats weighing 200 – 250 g used as virgin material. Morphine (0.001 to 0.4 micrograms / rat) was microinjected into the ventro-medial hypothalamus of rats (nucleus coordinates AP: -1.96). L NAME (0.1 to 0.4 micrograms / rat) was injected alone or pre-injected. In the latter process, L NAME (0.1 – 0.4 micrograms / rat) was administered

**Methods:** In this study, Effects of GM foods on infertility, analyzing potential risk posed by these products in metabolism, endocrine glands and endometriosis have been investigated.

**Result:** Studies revealed that the GM food crops are probably one of the reasons increasing ovarian cysts