

# **THE CISPLATIN EFFECT ON THE MICE OVARIES.**

**Zainab A.M.AL\_To'mma**

**Biology Dept. – College of Science - Basra university**

## **ABSTRACT**

Female mice were treated with cisplatin that is used against various cancers .The recent study revealed to the malformation of the ovaries tissues and uterus but no death cases were reported. When the mice females were treated with 0.1mg/cm<sup>2</sup> of cisplatin ,a severe necrosis was reported in the ovary tissues and entire degradation of ovarian follicles .A microscopic examination of treated animal by 0.05mg/cm<sup>2</sup> showed a histopathological changes represented by a limited degradation of the ovarian follicles and its cells moreover the connective tissue and the malformation of the yellow body(corpus luteum ) .The result showed the decreasing in the muscle layer and a severe degradation of the endometrium and the visceral tissue of the uterus when the female were treated with 0.025mg/cm<sup>2</sup> of cisplatin.