

**P-2****Evaluation the Anti-Inflammatory Activity of Some Eastern Libyan Medicinal Plants**

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Four Libyan medicinal plants *Olea Europaea* (Oleaceae), *Cistus Incanus* (Cistaceae), *Launaea Residifolia* (Asteraceae) , *Cistus Parviflorus* ,Lam(Cistaceae) were collected from EL –jabal EL-akhdar eastern Libya in April 2010 .after identified the plants were extracted using microwave technique by three solvents (methanol-ethyl acetate –hexane ) .these plants were studied for anti-inflammatory activity using carrageenan induced mice odema model. The plant extracts of different solvents were administered at dose 250 mg /kg of the body weight intraperitoneally. among these extracts, *Cistus Parviflorus* ,Lam extract especially methanolic and ethyl acetate extracts gave the most significant % inhibition of inflammation after 3 hr (57.4±1.9 - 65.5±2.5 respectively) this effect was better than standard reference aspirin (55.1±1.9)

**Keywords:** Anti-inflammatory, *Olea Europaea*, *Cistus Incanus*, *Launaea Residifolia*, *Cistus Parviflorus*, Lam.

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