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Effects of mastic resin of Pistacia lentiscus L. on some Salmaonella species isolated from clinical samples

Balsam Qubais Saeed<sup>1</sup>, Basema A Abdulla<sup>2</sup> and Abdalrazak K Mahamod<sup>3</sup> <sup>1</sup>University of Sharjah, UAE <sup>2</sup>University of Mousel, Iraq <sup>3</sup>University of Mosul, Iraq

The study included the inhibition effect of mastic gum resins of Pistacia lentiscus L. on some Salmonella spp. isolated from stool, blood and urine samples. The (oil alcohol rating, Ether, petroleum ether, chloroform, residual alcohol) of mastic gum resins of Pistacia lentiscus L. were investigated for their antibacterial activity against clinical species: *Salmonella typhi, Salmonella paratyphi A* and *Salmonella typhimurium* using disc diffusion and micro dilution assay. All extracts showed antibacterial activity against most tested *Salmonella Spp.* The oil alcohol rating exhibited antibacterial activity in all concentrations except (250), (15.75) Mg\ cm, but the ether and residual alcohol effect in all concentrations except (15.75) Mg\ cm on *Salmonella typhi.* All extracts showed antibacterial activity against most tested (15.75) Mg\cm, but the ether effect in all concentrations and the petroleum ether was effect in all concentrations except (15.75) Mg\cm, but the ether effect in all concentrations and the petroleum ether was effect (15.75) Mg\cm, but the Chloroform effect on (62.5) and (31.75) Mg\ cm and residual alcohol effect on all concentrations and the petroleum ether was effect in all concentrations except (15.75) Mg\cm. About the *S. typhimurium* the oil alcohol rating was effect on all concentrations except (15.75) Mg\ cm. About the *S. typhimurium* the oil alcohol rating was effect on all concentrations except (15.75) Mg\ cm. About the *S. typhimurium* the oil alcohol rating was effect on all concentrations except (15.75) Mg\ cm, residual alcohol effect in all concentrating was effect on all concentrations except (15.75) Mg\ cm. About the *S. typhimurium* the oil alcohol rating was effect on all concentrations except (15.75) Mg\ cm. About the *S. typhimurium* the oil alcohol rating was effect on all concentrations except (15.75) Mg\ cm. About the *S. typhimurium* the oil alcohol rating was effect on all concentrations except (15.75) Mg\ cm, residual alcohol effect in all except 15.75) Mg\ cm.

## **Biography**

Balsam Qubais Saeed has completed her MSc degree in Bacteriology from the University of Mosul and the PhD in Medical Parasitology from Tikrit University in Iraq, and continued her research work in Medical College - Mosul University and Community College- Sharjah Universities. She published many scientific papers in Bacteriology and Parasitology, attended many conferences and the latest was "GLOBAL CHALLENGES IN TROPICAL DISEASES: Bridging Gaps and Building Partnerships" in Kuala Lumpur, Malaysia from 5-7 March 2014, and had very good teaching experience. She is now the head of Health & Medical Sciences Department at the Community College- Sharjah University.

bsaeed@sharjah.ac.ae