

## CURRICULUM VITAE

**Aisha Mohamed Dugani**  
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## EDUCATION

- Ph.D.** Clinical pharmacology (Gastroenterology). Università di Modena e Reggio Emilia (Italy), 1998.  
Dissertation: "Normal and variant forms of estrogen receptors in normal and pathologic liver"
- M.A.** Pharmacology. University of Manitoba (Canada), 1986.  
Dissertation: "Effect of dopamine agonists and antagonists on gastric acid secretion and stress ulcer formation "
- B.Sc.** Pharmaceutical Sciences. University of Tripoli, 1980 (with honor).

## PROFESSIONAL EXPERIENCE

- 1980** Demonstrator (Department of pharmacology & Clinical Pharmacy, Faculty of Pharmacy, University of Tripoli)
- 1987-1992** Staff member (lecturer); (Department of pharmacology & Clinical Pharmacy, Faculty of Pharmacy, University of Tripoli)
- 1997- until now** Staff member (Professor); (Department of Pharmacology & Clinical Pharmacy, Faculty of Pharmacy, University of Tripoli)
- 2007-2010** Organizer of postgraduate studies ((Department of Pharmacology & Clinical Pharmacy, Faculty of Pharmacy, University of Tripoli).
- 2011-2013** Vice Dean, Faculty of pharmacy, University of Tripoli

**2014-2016** Head, Department of pharmacology, Faculty of Pharmacy

**Jun- Dec 2017** Member of the Consultant Committee of Graduate Studies, Ministry of Education,

### **SUPERVISION OF MASTER DEGREE (PHARMACOLOGY)**

1. Study of the Effects of *Linum usitatissimum* Seeds and *Rhus tripartita* Bark Against Ethanol-induced Gastric Ulcers in Rats (Salah Megwez, 2008).
2. Evaluation of the efficacy and tolerability of a combination therapy of Peginterferon 2a and ribavirin in treatment of Libyan patients infected with hepatitis C (Intesar Greesh, 2008).
3. Comparative effect of flaxseed oil (linseed) and fish oil on acetic acid induced colitis in rats (Ahlam A Helawi, 2010).
4. Antithrombotic effect of repeated doses of local olive leaf ethanolic extract in rabbits (Abdullah M Dub, 2010).
5. Potentiation of the gastroprotective effect of ranitidine by verapamil in ethanol-induced gastric ulcers in rats (Zeineb R Sharif, 2012).
6. The effect of mirtazapine on ethanol-induced gastric ulcer in Wistar rats (Huda Y Badi, 2015)
7. Anticonvulsant activity of methanolic extract of *Capparis spinosa* L. leaves (Sara Khasheba, 2015).
8. Study of the effects of preoperative pregabalin administration on postoperative pain in Libyan patients undergoing laparoscopic cholecystectomy (Mounira A Elmansouri, 2015).
9. Effect of pre- and post-treatment with tamoxifen on indomethacin induced nephrotoxicity and hepatotoxicity in rats (Malak MO Eljaafari, 2016).
10. Evaluation of the gastroprotective activity of N-OH imidazole derivative on experimentally induced gastric ulcers in rats (Huda M Zgallai, 2016).
11. "The impact of cyp2c9 and vkorc1 polymorphism in pateint response to warfarin and acenocoumarol" (Mawada MS Jallul, 2018).

### **PUBLICATIONS**

1. 1. Glavin GA, **Dugani AM** and Pinsky C: L-deprenyl attenuates stress ulcer formation in rats. Neurosciences. 1986.
2. **Dugani AM** and Glavin GB: Capsaicin effects on stress ulcer pathology and gastric acid secretion in rats. Life Sciences, 39:153, 1986.
3. **Dugani AM** and Glavin GB. Effects of dopamine agonists and antagonists on gastric acid secretion and stress ulcer formation in rats. Life Sciences 41:1397, 1987.
4. Villa E, Grottola A, Trande P, Rebecchi AM, **Dugani A** and Manenti F: Reactivation of hepatitis B virus infection induced by interferon (INF) in HbsAg-positive, anti HCVpositive patients. The Lancet, 341:1413,1993.
5. Villa E, Camellini L, **Dugani A**, Zucchi F et al: Variant estrogen receptor messenger RNA species detected in human primary hepatocellular carcinoma. Cancer Research, 55:498, 1995.
6. Villa E, **Dugani A**, Rebecchi AM et.al: Identification of subjects at risk for colorectal carcinoma through a test based on k-ras determination in the stool. Gastroenterology,110:1346, 1996.
7. Villa E, **Dugani A**, Camellini L et.al: Variant liver estrogen receptors and response to tamoxifen. Gastroenterology, 111:271,1996.

8. Villa E, **Dugani A**, Camellini L et.al: Type of estrogen receptor determines response to antiestrogen therapy. *Cancer Research*, 56:3883,1996.
9. Villa E, **Dugani A**, Moles A et.al: Variant liver estrogen receptor transcripts already occur at an early stage of chronic liver disease. *Hepatology*,27:938,1998.
10. **Dugani A**, Villa E: Relation between response to antiestrogen therapy and the type of estrogen receptors (ERs) in human primary hepatocellular carcinoma. 1 st International Conference on Oncology, Tripoli 26-28 May 2000.
11. **Dugani A**, Elbishti W et al: Evaluation of anti-ulcer activity of Punica granatum rind against Stress and aspirin-induced gastric ulcer in rats. Fifth conference on medical sciences (9-12/11/2001, Al-Zawia, Giamahiriya).
12. Villa E, Feretti I, Grottola A, Buttafoco P, Del Buono MG, **Dugani A**, Manenti F: Hormonal therapy with megestrol in inoperable hepatocellular carcinoma characterized by variant oestrogen receptors. *British Journal of Cancer* 84(7):881-885 (2001).
13. **Dugani A**, Villa E, Rebecchi AM and Musrati R. Screening of subjects at high risk for Colorectal Cancer through the determination of K-ras on DNA extracted from the stool. 2nd International Conference on Oncology, Tripoli, 7-10 February 2002.
14. ElBishti W, **Dugani A** et al. Evaluation of anti-ulcer activity of Punica granatum Linn rind and Trigonella foenum-graecum seeds against stress and aspirin-induced gastric ulcer in rats. *Jamahiriya Medical Journal* vol 2No.4 (September 2003).
15. **Dugani A**, Musrati R et al. Proposal of a multicentric prospective study for the detection of k-ras codon 12 mutations in Libyan patient with gastrointestinal cancers. 3rd National Congress for biological technology, Sebha, Libya 12-14/3/2005.
16. **Dugani A**, Zukkar M, et al. Management of Libyan patients with catamenial epilepsy. *Sebha Medical Journal* 5(1):43-46(2006).
17. **Dugani A**, Zukkar M, Igfier S, Melhis K and Naji R. Posttraumatic epilepsy: Management and Prophylactic treatment. The 6th National Pharmaceutical Conference, 7th October University, 2- 4 April 2007, Misurata- Libya
18. **Dugani A**, Auzi A, Naas F and Maggoze S. Effects of the oil and mucilage from flaxseed ( linum usitatissimum ) on gastric lesions induced by ethanol in rats: A preliminary study. *Libyan Journal of Medicine (ljm)* ;3(4):166-9. doi: 10.4176/080612. PMID: 21503150; PMCID: PMC3074307.
19. Mabrouk M, **Dugani A**, et al. Effect of modification of rennin-angiotensin system (RAS) on diazepam withdrawal-induced anxiogenesis in albino mice. *Sebha Medical Journal* 7(1):50-56(2008).
20. Naas F, **Dugani A** et al. The effect of co-administration of imipramine and chlorpromazine on the pharmacodynamics of hydroxyzine in rabbits. *Jamahiriya Medical Journal* vol 9(1):65-67(2009).
21. Dugani A, Shagluf H and Albaggar H. Gastroprotective Effect of Punica granatum L. Rind Aqueous Extract in Normal and Streptozotocin-diabetic Rats (accepted for publication in the first issue of *Tripolitan Medical Journal, TMJ*). 2012, 1(1): 1-6.
22. Gafari M, Najjar D, Zriba K and Dugani A. Effects of tamoxifen on acetaminophen-induced hepatotoxicity in rats. *Lib. J. Med. Res.* 7, 2: 84-91(2010).
23. **Dugani A**, Elhelawi A and Edrah A. Comparative effect of flaxseed oil and fish oil in acetic acid induced colitis in rats. *LJPCP*. Citation: *Libyan J Pharm & Clin Pharmacol* 2012, 1: 45138 - DOI: 10.5524/LJPCP.v1i0.45138.
24. Dub A and **Dugani A**. Antithrombotic effect of repeated doses of the ethanolic extract of local olive (*Olea europaea*.L) leaves in rabbits. *Libyan Journal of Medicine* 2013, 8:20947.

25. Zeineb Sharif and **Aisha Dugani**. Potentiation of the gastroprotective effects of ranitidine by verapamil in ethanol induced gastric ulcer in rats. *International Journal of Pharmaceutical & Biological Archives*. 2013; 4(4): 696 – 705.
26. **Dugani A**, Dakhil B, Treesh S. Protective effect of the methanolic extract of malva parviflora l. leaves on acetic acid-induced ulcerative colitis in rats. *Saudi J Gastroenterol*. 2016 May-Jun;22(3):226-33. doi: 10.4103/1319-3767.182459.
27. Ezgallaey HM, Abuskhuna SM, **Dugani AM**. Gastroprotective effects of 1-Hydroxy-2-phenylbenzimidazole in Ethanol-induced Gastric Ulcers in Rats. *Libyan Int Med Univ J*. 2016; 1:82-92. 28.
28. **Dugani AM**, Alkhetally WI, Elghedafi EO, Alkayed FW. Effects of the aqueous extract from *Abelmoschus esculentus* L peel on hyperglycemia and hyperlipidemia induced by dexamethasone in rats. *Libyan Int Med Univ J*. 2018; 3:3-7.
29. Munira Ali Elmansouri, **Aisha Mohamed Dugani**, Salah Ahmed Adala. The effects of preoperative pregabalin administration on postoperative pain on Libyan patients undergoing laparoscopic cholecystectomy. *Libyan International Medical University*, 2018;3:49-53.
30. MM Jallul, **AM Dugani**, EO Elgdhafi, AM Bashein. The Impact of CYP2C9 and VKORC1 Polymorphism in Patient's Response to Warfarin and Acenocoumarol. *Journal of Medical Biomedical and Applied Sciences*,2019; 7 (7): 260-266.