

Publications

Dr.V.V.Asha

1. Sheena Philip, Greeshma Tom^{a,b} and Asha V. Vasumathi.(2018) Evaluation of the anti-inflammatory activity of *Tinospora cordifolia* (Willd.) Miers chloroform extract – a preclinical study. **Journal of Pharmacy and Pharmacology**, 70 (2018), pp. 1113–1125
2. Greeshma Tom^{a,1}, Sheena Philip^{a,1}, Rimal Isaac^b, P.K. Praseetha^b, S.G. Jiji^c, V.V. Asha^a Preparation of an efficient and safe polymeric-magnetic nanoparticle delivery system for sorafenib in hepatocellular carcinoma .**Life Sciences** 206,(2018)10-21.
- 3)Sreejith P. S. and Asha V. V. (2017). *In vitro* pharmacological, *in vivo* toxicological and in silico molecular docking analysis of glycopentalone, a novel compound from *Glycosmis pentaphylla*(Retz.)Correa .**Medicinal Chemistry Research** 26(8):1697-1707
- 4) Nirmalan Krishna Radhika^{1,2} .KamaleswaramIndira² ,PallaraJanardhananWills³,Velikkakathu Vasumathi Asha¹. Inhibition of Angiogenesis and metastasis by *Cheilanthes farinosae* (Forsk.) water extract .(2018) **International Journal of Applied Research in Natural Products.** Vol . 11(1), pp.1-14
5. M.S.Sheeba, Sheena Philip,Greeshma Tom,L.T.Gayathri and V.V.Asha.(2016) Comparative evaluation of the efficacy of *Cardiospermum halicacabum* Linn.on indomethacin, pylorus ligation and *Helicobacter pylori* induced gastric ulcer in rats. **Annals of Phytomedicine**.5(1):1-9,ISSN-2278-9839.
6. K.A. Krishnakumar, Sheena Philip, Greeshma Tom ,and V.V. Asha(2016).Studies on the Anti-fibrotic potential of *Phyllanthus maderaspatensis* Linn. hexane extract on human activated hepatic stellate cell line.LX₂.**Journal of Pharmacy Research**.10(5),205-210.
7. P.S. Sreejith and **V.V. Asha** (2015). Glycopentalone, a novel compound from *Glycosmis pentaphylla* (Retz.) Correa with potent anti-hepatocellular carcinoma activity. **Journal of Ethnopharmacology**, 172: 38-43.
8. Ramesh J .Praseeja¹, Pongilyathundiyl .S. Sreejith and **Velikkakathu. V. Asha** (2015). Studies on the apoptosis inducing and cell cycle regulatory effect of *Cuscuta reflexa* Roxb chloroform extract on human hepatocellular carcinoma cell line, Hep 3B. **International Journal of Applied Research in Natural Products**, 8 (2): 37-47.
9. V. Suresh, K. A. Krishnakumar and **V.V. Asha** (2015). A new fluorescent based screening system for high throughput screening of drugs targeting HBV-core and HBsAg interaction. **Biomedicine and Pharmacotherapy**, 70: 305-316.

- 10) M.S. Sheeba, K.H. Muneeb Hamza, N. Krishna Radhika and **V.V. Asha** (2014). Molecular diversities among *Cardiospermum halicacabum* Linn populations in Kerala assessed using RAPD markers. **Annals of Phytomedicine**, 3(2): 87-92.
- 11 K. A. Krishnakumar, K.H. Muneeb Hamza and **V.V. Asha** (2014). Antifibrotic activity of *Phyllanthus maderaspatensis* L. in Wistar rats. **Annals of Phytomedicine** 3(1). 68- 79.
- 12 Suresh V^a, Sojan Jose^b, Krishna Radhika^c, **Asha V.V^a**. (2014). Anti-HBV activity of the different extracts from *Phyllanthus rheedi* Wight in cell culture assay based system. **Journal of Ethnopharmacology**, 156: 309-315.
- 13 Sreejith, P.S. Divya Sankar, Praseeja, R.J and **Asha V.V^a** (2014). Effect of salt stress on seed germination and seedling growth of green gram. **The Journal of Plant Pathology**, Photon 114., 156-164
14. P.S. Sreejith^a, Russel Royna. Mascarenhas^b, R.J. Praseeja^a and **V.V. Asha^a** (2012). The apoptosis inducing effect of *Glycosmis pentaphylla* (Retz.) Correa and its influence on gene expression in hepatocellular carcinoma cell line, Hep3 B. **Journal of Ethnopharmacology**, 139: 359-365.
- 15 Sreejith, P.S Praseeja R J and **Asha .V.V**(2012). A review on the pharmacology and phytochemistry of traditional medicinal plant, *Glycosmis pentaphylla* (Retz.) Correa. **Journal of Pharmacy Research**, 5(5): 2723-2728.
- 16 Pallara . J. Wills^{1,2}, **V.V. Asha¹** (2012). Acute and sub acute toxicity studies of *Lygodium flexuosum* extracts in rats. **Asian Pacific Journal of Tropical Biomedicine**, 2: S200-S202.
- 17 Appian. Subramoniam^{1,5}, **Velikkakathu V. Asha²**, Sadasivan Ajikumaran. Nair¹, Sreejith .P. Sasidharan², Parameswari .K. Sureshkumar¹, Krishnan Nair. Rajendran², Devarajn Karunagaran⁴ and Krishna. Ramalingam¹ (2012). Chlorophyll revisited: anti-inflammatory activation of chlorophyll a and inhibition of expression of TNF- α gene by the same. **Inflammation**, 35: 959-966.
- 18 Pallara .Janardhanan Wills^{1,2} and **Velikkakathu .Vasumathi Asha¹** (2012). *Lygodium flexuosam* extract downregulates the expression of proinflammatory cytokines in CCl4 induced hepatotoxicity. **Asian Pacific Journal of Tropical Medicine**, 2012: 421-426.
19. V. Gayathri¹, **V.V. Asha²**, J. Anil John¹ and A .Subramoniam,¹ (2011). Protection of immune compromised mice from fungal infection with a thymus growth stimulatory component from *Selaginella involvens*, a fern. **Immunopharmacology and Immunotoxicology**, 33(2): 351-359.
20. V. Suresh,^a V. Sruthi^b , B. Padmaja^cand **V.V. Asha*** (2011). *In vitro* anti-inflammatory and anti-cancer activities of *Cuscuta reflexa* Roxb. **Journal of Ethnopharmacology**, 134: 872-877.

- 21) N. Krishna Radhika, P.S. Sreejith and **V.V. Asha** *(2010.) Cytotoxic and apoptotic activity of *Cheilanthes farinosa* (Forsk.) Kaulf against human hepatoma, Hep 3B cells. **Journal of Ethnopharmacology**, 128: 166-171.
- 22). M.S. Sheeba , **V.V. Asha*** (2009). *Cardiospermum halicacabum* ethanol extract inhibits LPS induced Cox2 ,TNF α and iNOS expression ,which is mediated by NF –KB regulation in RAW 264.7 cells. **Journal of Ethnopharmacology**, 124: 39-44.
23. P.J. Wills , **V.V. Asha** *(2009. Chemopreventive action of *Lygodium flexuosum* extract in human hepatoma PLC/PRF/5 and Hep3B cells. **Journal of Ethnopharmacology**, 122: 294-303.
24. M. Arun , **V.V. Asha** *(2008). Gastroprotective effect of *Dodonoea viscosa* on various experimental models. **Journal of Ethnopharmacology**, 118: 460-465.
25. V. Suresh , **V.V. Asha*** (2008). Preventive effect of ethanol extract of *Phyllanthus rheedii* Wight. on D-galactosamine induced hepatic damage in Wistar rats. **Journal of Ethnopharmacology**, 116: 447-453.
26. M. Arun ,**V.V. Asha** *(2007). Preliminary studies on antihepatotoxic effect of *Physalis peruviana* Linn. (Solanaceae) against carbon tetrachloride induced acute liver injury in rats. **Journal of Ethnopharmacology**, 111: 110-114.
- 27 **V.V. Asha*** , M.S. Sheeba, V. Suresh and P.J. Wills (2007). Hepatoprotection of *Phyllanthus maderaspatensis* L. against experimentally induced liver injury in rats. **Fitoterapia**, 78: 134-141.
28. P.J. Wills , **Asha, V.V.** (2007). Protective mechanism of *Lygodium flexuosum* extract in treating and preventing carbon tetrachloride induced hepatic fibrosis in rats. **Chemico Biological Interactions**, 165: 76-85.
- 29). P.J. Wills, V. Suresh, M. Arun and **V.V. Asha*** (2006). Antiangiogenic effect of *Lygodium flexuosum* against N-nitrosodiethylamine-induced hepatotoxicity in rats. **Chemico Biological Interactions**, 164: 25-38.
- 30) P.J. Wills , **V.V. Asha*** (2006). Protective effect of *Lygodium flexuosum* (L.) Sw. extract against carbon tetrachloride-induced acute liver injury in rats. **Journal of Ethnopharmacology**, 108: 320-326.
- 31) P.J. Wills , **V.V. Asha*** (2006). Preventive and curative effect of *Lygodium flexuosum* (L.) Sw. on carbon tetrachloride induced hepatic fibrosis in rats. **Journal of Ethnopharmacology**, 107: 7-11.
32. P.J. Wills , **V.V. Asha***(2006). Protective effect of *Lygodium flexuosum* (L.) Sw. (Lygodiaceae) against D-galactosamine induced liver injury in rats. **Journal of Ethnopharmacology**, 108: 116-123.

- 33 M.S. Sheeba , **V.V. Asha*** (2006). Effect of *Cardiospermum halicacabum* on ethanol-Induced gastric ulcers in rats. **Journal of Ethnopharmacology**, 106: 105-110.
34. V. Gayathri, **V.V. Asha** and A. Subramoniam (2005). Preliminary studies on the Immunomodulatory and antioxidant properties of *Selaginella* species. **Indian Journal of Pharmacology**, 37: 381 – 385.
- 35 **V.V. Asha,*** S. Akhila, P.J. Wills and A. Subramoniam (2004) Further studies on the antihepatotoxic activity of *Phyllanthus maderaspatensis*. **Journal of Ethnopharmacology**, 92: 67-70.
36. **V.V. Asha ***, P. Pushpangadan (2002) Hepatoprotective plants used by the tribals of Wynadu, Malappuram and Palghat districts of Kerala, India . **Ancient Science of Life**, 22: 1-8.
- 37 **V.V. Asha** (2001). Preliminary studies on hepatoprotective activity of *Momordica subangulata* and *Naragamia alata*. **Indian Journal of Pharmacology**, 33: 276-279.
- 38.P.G. Latha, **V.V. Asha**, S.R. Suja and P. Pushpangadan (2000). The medicinal properties of Tea. **Apta**, 7: 15-18.
- 39 **V.V. Asha *and** P. Pushpangadan (1999). Antipyretic activity of *Cardiospermum halicacabum*. **Indian Journal of Experimental Biology**, 37: 411-414.
- 40 **V.V. Asha** and P. Pushpangadan (1998). Ethnomedical and pharmacognostical Investigations of *Raphidophora pertusa* Schott. 4 (Araceae). **Ancient Science of Life**, 7: 235-238.
41. **V.V. Asha** and P. Pushpangadan (1998). Preliminary screening of *Quassia amara*, *Phyllanthus myrtifolius* and *Ceratopteris thalictroides* for hepatoprotective and choleric activities. **Biomedicine**, 18: 49-52.
- 42 **V.V. Asha** and P. Pushpangadan* (1998). Preliminary evaluation of the antihepatotoxic activity of *Phyllanthus kozhikodianus*, *Phyllanthus maderaspatensis* and *Solanum indicum*. **Fitoterapia**, 29: 1998.
- 43)**V.V. Asha**, S. Rajasekharan and P. Pushpangadan (1992) Ethnomedical and Pharmacognostical Investigation of *Drynaria quercifolia* (L) J.Smith (Polipodiaceae). **Aryavaidyan**, 6: 34-40.