

Chapter-9



List of Papers Communicated/Accepted/ Published/Presented

Articles

1. **Thakur, A.K.**, Chatterjee, S.S. and Kumar, V., Neuropsychopharmacology of a therapeutically used *Andrographis paniculata* extract: a preclinical study, *Oriental Pharmacy and Experimental Medicine*, 14, 181-191, 2014. doi: 10.1007/s13596-013-0140-4.
2. **Thakur, A.K.**, Chatterjee, S.S. and Kumar, V., Therapeutic potential of traditionally used medicinal plant *Andrographis paniculata* (Burm. F.) against diabetes: an experimental study in rats, *TANG Humanitas Medicine*, 4, 1-8, 2014. doi: 10.5667/tang.2014.0001.
3. **Thakur, A.K.**, Chatterjee, S.S. and Kumar, V., Antidepressant-like activity of *Andrographis paniculata* in type-2 diabetic rats, *Clinical Pharmacology and Biopharmaceutics*, S2, 1-9, 2014. doi:10.4172/2167-065X.S2-003.
4. Kumar, V., **Thakur, A.K.** and Chatterjee, S.S., Perspective of *Andrographis paniculata* in neurological disorders, *Clinical Pharmacology and Biopharmaceutics*, S2: 1-4, 2014. doi:10.4172/2167-065X.S2-005.
5. **Thakur, A.K.**, Soni, U.K., Rai, G., Chatterjee, S.S., Kumar, V., Protective effects of *Andrographis paniculata* extract and pure andrographolide against chronic stress-triggered pathologies in rats, *Cellular and Molecular Neurobiology*, 1-11, 2014. doi: 10.1007/s10571-014-0086-1.
6. **Thakur, A.K.**, Chatterjee, S.S. and Kumar, V., Adaptogenic Potential of Andrographolide: an Active Principle of the King of Bitters (*Andrographis paniculata*), *Journal of Traditional and Complementary Medicine*, 2014 (*in-press*).
7. **Thakur, A.K.**, Chatterjee, S.S. and Kumar, V., *Andrographis paniculata* and Andrographolides as potential adaptogens: implications for therapeutic innovation, *TANG: International Journal of Genuine Traditional Medicine*, 2014 (*in-press*).
8. **Thakur, A.K.**, Rai, G., Chatterjee, S.S. and Kumar, V., Ameliorative effects of *Andrographis paniculata* extract and andrographolide on memory impairments in streptozotocin-induced diabetic rats. *Chinese Journal of Natural Medicines*, 2014 (communicated).

Abstracts in International Scientific Conferences

1. **Thakur, A.K.**, Chatterjee, S.S. and Kumar, V., Potential of *Andrographis paniculata* in brain disorders, International Conference- "Recent Advances in Pharmaceutical Science: Transferring Knowledge from Education to Practice". Pharmanext™ in association with Kathmandu University, Pokhara University, Tribhuvan University and Purbanchal University, Nepal, February 25-26, 2012.
-

2. **Thakur, A.K.**, Chatterjee, S.S. and Kumar, V., General neuropharmacological screening of standardized extract of *Andrographis paniculata* in rodents, XXX Annual Conference of Indian Academy of Neurosciences (IAN) & International Symposium on Translational Neuroscience, Amritsar, India, October 27-30, 2012. (Abstract published in special issue of *Annals of Neurosciences*, 19, S36-S37, 2012).
3. **Thakur, A.K.**, Chatterjee, S.S. and Kumar, V., Metabolic effects of an *Andrographis paniculata* extract in rat obesity models, Indo-US Symposium Industry-Academia Interaction in Diabetes & Cardiovascular Drug Discovery, Organized by IMS, Banaras Hindu University, Varanasi, India & Indo-US Science & Technology Forum & S-LEARN, December 4-5, 2012.
4. **Thakur, A.K.**, Chatterjee, S.S. and Kumar, V., Antidiabetic activity of standardised extract of *Andrographis paniculata* in rodents, 2nd International Pharma-Nutrition Conference, organized by Elsevier, MAX Atria, Singapore, April 15-17, 2013.
5. Kumar, V. and **Thakur, A.K.**, Role of Andrographolide in Analgesic and Anti-inflammatory activity of *Andrographis paniculata*: an experimental study in diabetic rodents, 17th World Congress of Basic & Clinical Pharmacology, Organized by *IUPHAR* at Cape Town, South Africa, July 13-18, 2014 **Abstract published:** *Basic & Clinical Pharmacology & Toxicology*, 115(S1): 145. doi: 10.1111/bcpt.12259_3.

Research Coverage by Print and Electronic Media

1. **E-News:** 'Insomnia And Stress Away By A Magical Plant'. Appeared at Dainikbhaskar.com, Lucknow (UP), November 10, 2012. (<http://www.bhaskar.com/article/UP-OTH-insomnia-and-stress-away-by-a-magical-plant-4030108-PHO.html>).
 2. **Print-News:** 'Madhumeh ka Gala Ghotenga Kalmegh'. Appeared in Dainik Jagran (Varanasi edition, Hindi News Daily), April 03, 2013.
 3. **Print-News:** 'Kalmegh Yani Madhumeh aur Motape Ka Kaal' Appeared in Dainik Jagran (Varanasi and National edition New Delhi, Hindi News), July 30, 2014.
-