

List of Publications:

A. Research Journals

1. Neha Viyas, Rinki Kumari, **G.P.I. Singh**, Rajesh Dubey, Mehul Bhandari and G.P. Dubey (2019). Antidiabetic activity of fruit pulp extract of *Hippophae rhamnoides* L. in Streptozotocin nicotinamide induced type-II diabetes in rats. Int. Jour. Green Herbal Chem., Sec. B; 8: 82-90.
2. Neha Viyas, Himan Upadhyay, **G.P.I. Singh**, Mehul Bhandari, Rinki Seth, G.P. Dubey (2019). Role of *Hippophae rhamnoides* L. in the management of Depression by regulating Hyperhomocysteinemia. Int. Jour. Pharmaceutical and Biol. Archive 10(2): 81-85.
3. Kumari R, Agrawal A, Ilango K, **Singh GPI** and Dubey GP (2016). In Vivo Evaluation of the Antidepressant Activity of a Novel Polyherbal Formulation. Autism Open Access 6: 5.
4. Kumari R, Agrawal A., Shivakumar S., Singh KP, **Singh GPI** and Dubey GP (2016). Hyperhomocysteinemia, Cognitive Deficits, and Delayed P300 Latencies in Malnourished Children from Northern India. Mental Health in Family Medicine 12: 175-180.
5. Kumari R, Agrawal A, Ilango K., Singh PK, Karmakar D, **Singh GPI** and Dubey GP (2016). Safety evaluation of a polyherbal formulation containing hydroalcoholic extracts of *Hippophae salicifolia*, *Nyctanthes arbor-tristis*, *Ocimum tenuiflorum* and *Reinwardtia indica* in experimental animals; The Journal of Biomedical Research 30: 1-3.
6. Rinki Kumari, Aruna Agrawal, **G.P.I. Singh** and G.P. Dubey (2015). **Hyperhomocysteinemia and DNA hypomethylation, reduced the monoamines synthesis in depression: A case control study.** Journal of Systems and Integrative Neuroscience **1(1): 36-40.**
7. Sadhu A, Upadhyay P, Singh PK, Agrawal A, Ilango K, Karmakar D, **Singh GPI**, Dubey GP (2015). Quantitative analysis of heavy metals in medicinal plants collected from environmentally diverse locations in India for use in a novel phytopharmaceutical product. Environ Monit Assess 187: 542. (Impact factor:1.5)
8. Agrawal A, , Ilango K., Singh PK, Karmakar D , **Singh GPI**, Kumari R Dubey GP (2015). Age dependent levels of plasma homocysteine and cognitive performance. Behavioural Brain Research 283: 139–144.
9. Tiwari A, Kumari R, Agrawal A, Dubey G.P **Singh G.P.I.** (2015) Association of Methylenetetrahydrofolate reductase (MTHFR 677C&T) polymorphisms with Ovarian Malignancy in women of Northern India” South Asian Jour. of Multidisciplinary Studies 2: 214-223.
10. Kumari R, Agrawal A, **Singh G.P.I.** and Dubey G.P (2015). Hyperhomocysteinemia and DNA hypomethylation, reduced the monoamines synthesis in depression: A case control study. Journal of Systems and Integrative Neuroscience.1(1): 36-40.
11. Kumari R, Agrawal A, K. Ilango, Dipankar Karmakar, **G.P.I. Singh**, G.P. Dubey(2015). The Prevalence of Developmental Disabilities Associated With Nutritional Deficiency”. AJCN 2 (2), 32-34.
12. Kumari R, Agrawal A, **G.P.I.Singh**, G.P.Dubey (2015). Chronic effect of Bacopa monnieri in the Management of intellectual disability mild to moderate. Phamaceutical and Biological Evaluations 2: 11-17.

13. Kumari R, Agrawal A, Upadhyaya Om Prakash, **Singh G P I**, Dubey G.P(2014). Impact of MTHFR and RFC-1 gene in the development of neural tube defect. *Jour. of Cardiovascular and Magnetic Resonance* 6 (2): 104-105.
14. Kumari R, Agrawal A, O.P.Upadhyaya, K. Ilango, **G.P.I.Singh**, G.P.Dubey (2014). "The effect of an indigenous drug on abnormal folate metabolism and mental retardation - A study on 5,10-Methylenetetrahydrofolate Reductase Activity". *Intern. Jour. of Pharmaceutical and Clinical Research* 6(3): 265-269.
15. Sadhu A, Upadhyay P, Agrawal A, Ilango K, Karmakar D, **Singh GPI**, Dubey GP (2014). Management of Cognitive Determinants in Senile Dementia of Alzheimer's Type: Therapeutic Potential of a Novel Polyherbal Drug Product. *Clinical Drug Investigation* 34: DOI 10.1007/s40261-014-0235-9. (Impact factor:1.78)

B. Conference presentations (Abstract):

1. Rinki Kumari, Aruna Agrawal, K. Ilango, **G.P.I. Singh** and G.P. Dubey : Antidepressant-like activity of novel polyherbal formulation in behavioral despair tests, neurochemicals, cytokine and homocysteine in rat forced swimming test. 5th International Conference on Recent Advances in Cognition and Health, BHU Varanasi, India (2016) in the department of psychiatric Faculty of Art. BHU, Varanasi.

C. Book Chapter

1. Rinki Kumari, Aruna Agrawal, Praveen K Singh, **G.P.I. Singh** and G.P. Dubey-Chapter 28 Regulation of Serotonin in Depression: Efficacy of Ayurvedic Plants-Taylor & Francis Group, 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL 33487-2742 CRC Press. Pages 397-420. Print ISBN: 978-1-4987-3905-4, eBook ISBN: 978-1-4987-3906-1, DOI: 10.1201/9781315369334-29
2. Rinki Kumari, Aruna Agrawal, Dipankar Karmakar, K. Ilango, **G.P.I.Singh**, G.P.Dubey. A preliminary pharmacological screening of certain botanical drugs for its antidepressants effects. The National Academy of Sciences, India (2014), Jodhpur, Rajasthan .