


Dr. Puneet K. Samaiya

1. Personal Information			
(i)	Name	DR. Puneet K. Samaiya	Photo 
(ii)	Qualification	M.Pharm Ph.D	
(iii)	Designation	Assistant Professor	
(iv)	Email-id	punit.samaiya@gmail.com	
(v)	Employee No.	3200686	
(Vi)	Department	Pharmacy	
(vii)	Experience	8 years (Research + Teaching)	

2. Educational Qualification				
S. No.	Degree	Specialization	Year	University/Board
1.	Ph.D	Pharmacology	2017	IIT-BHU, Varanasi
2.	M.Pharm	Pharmacology	2011	BPUT, Odisha
3.	B.Pharm	Pharmacy	2008	SGSITS, Indore

3. Research Interests
Nauropharmacology, Mitochondrial medicine, Neonatal pharmacology, Metabolic disorders

4. Research Paper Publications
(I) International/National Journal Publications
<ul style="list-style-type: none">▪ Hussain, Y, Jain, S.K, Samaiya, P.K. Short-term westernized (HFFD) diet fed in adolescent rats: Effect on glucose homeostasis, hippocampal insulin signaling, apoptosis and related cognitive and recognition memory function. Behavioral Brain Research. 361 (2018.), 113-121.▪ Samaiya, P.K., Krishnamurthy, S. Characterization of mitochondrial bioenergetics in neonatal anoxic model of rats. Journal of Bioenergetics and Biomembrane. 47 (2015), 217-222. (IF-2.9).▪ Samaiya, P.K., Narayan, G., Kumar A., Krishnamurthy, S. Neonatal Anoxia leads to time dependent progression of mitochondrial linked apoptosis in rat cortex and associated long term sensorimotor deficits. International Journal of Developmental Neuroscience. 52 (2016), 55-65. (IF-2.7).▪ Samaiya, P.K., Narayan, G., Kumar, A., Krishnamurthy, S. Tempol (4 hydroxy-tempo) inhibits anoxia-induced progression of mitochondrial dysfunction and associated neurobehavioral impairment in neonatal rats. Journal of the Neurological Sciences. (IF-2.3)

<http://dx.doi.org/10.1016/j.jns.2017.01.021>

- **Samaiya, P.K.**, Narayan, G., Kumar, A., Krishnamurthy, S. 2, 4 dinitrophenol attenuates mitochondrial dysfunction and improves neurobehavioral outcomes post-anoxia in neonatal rats. *Journal of Neurotoxicity Research* (IF-3).
- **Samaiya, P.K.**, Kumar Mahendra. SARS-CoV-2 Therapy: Old Drugs as New Interventions. *Coronaviruses*, (2020), 1, 1-9

(II) Review Paper Publications

- Tanwar O, Soni A, Prajapat P, Shivhare T, Pandey P, Samaiya PK, Pandey SP, Kar P. Ethyl Pyruvate as a Potential Defense Intervention against Cytokine Storm in COVID-19? *ACS Omega*. 2021 Mar 9;6(11):7754-7760.
- Samaiya P.K and Kumar M. "SARS-CoV-2 Therapy: Old Drugs as New Interventions", *Coronaviruses* 2021; 2(2) . <https://doi.org/10.2174/2666796701999200721003212>

(III) International/National Conference Publications

- **Puneet Samaiya** and Sairam Krishnamurthy "Evaluation of mitochondrial bioenergetics in a two episodic model of neonatal anoxia in rats" International Symposium on Translational Neuroscience & XXXII Annual Conference of Indian Academy of Neuroscience Bangalore 1-3 November 2014, abstract number: P91.
- **Puneet Samaiya** and Sairam Krishnamurthy "Evaluation of sensorimotor changes in a two episodic model of neonatal anoxia in rats" 47th Annual Conference of the Indian Pharmacological Society IPSCON 28-30 Dec, Guwahati 2014. Abstract number: BHP-7.
- **Puneet Samaiya**, Gopeshwar Narayan, Ashok Kumar, Sairam Krishnamurthy "Neonatal anoxia leads to cortical mitochondrial dysfunction and associated long term neurobehavioral changes". 48th Annual Conferences of the Indian Pharmacological Society 18-20 Dec 2015, Rajkot.
- **Samaiya P.K**, Bhattamisra S, Rao CV, Vijaykumar M, Ojha S, Eswaran M. OA01. 03. Antisecretory and antiulcer activities of *eclipta alba* linn. In rats. *Ancient Science of Life*. 2012;32:3.(Oral Presentation).

5. Research Projects

"Design and Development of PEMF chamber for treatment of neuroinflammation and cognitive impairment" of ₹ 1618000 (Rupees Sixteen Lakh Eighteen Thousand Only) under "TEQIP Collaborative Research Scheme". Status: Ongoing.