



Name: Dr. Devendra Singh

Designation: Scientist

Department: Pharmacology, AIIMS, New Delhi

Email: dvndr.singh@gmail.com

Educational Qualification:

M. Pharm (Pharmacology Toxicology and Therapeutics), from BVCOP, Navi Mumbai, University of Mumbai.

Ph.D. (Pharmacology) from All India Institute of Medical Sciences, New Delhi.

Awards:

Qualified GATE 2009

Qualified GPAT 2010, 2012 and 2013

Area of Interest:

Neuropharmacology, Ischemic Stroke, Alzheimer's Disease, Preclinical research

List of Publications:

1. Joshi B*, **Singh D***, Wasan H, Sharma U, Dinda AK, Reeta Kh. Tideglusib ameliorates ischemia/reperfusion damage by inhibiting GSK-3 β and apoptosis in rat model of ischemic stroke. *J. stroke Cerebrovasc. Dis.* 2022 Apr;31(4):106349. (IF- 2.677) (* equal first authorship)
2. Wasan H*, **Singh D***, Joshi B, Deept Upadhyay, Sharma U, Dinda AK, Reeta Kh. Dihydropyridin alleviates cerebral ischemia-reperfusion injury by attenuating apoptosis and astrogliosis in peri-infarct cortex. *Neur. Res.* 2021 Dec 9;1-12. doi: 10.1080/01616412.2021.1997010. (IF-2.529) (* equal first authorship)
3. Wasan H, **Singh D**, Joshi B, Sharma U, Dinda AK, Reeta Kh. Post stroke safinamide treatment attenuates neurological damage by modulating autophagy and apoptosis in

experimental model of stroke in rats. *Mol. Neurobiol.* 2021 Aug 28. doi: 10.1007/s12035-021-02523-6. (IF-5.682)

4. **Singh D**, Wasan H, Reeta KH. Preclinical Stroke Research and Translational Failure: A Bird's Eye View on Preventable Variables. *Cell. Mol. Neurobiology.* 2021 doi.org/10.1007/s10571-021-01083-6. (IF-4.231)
5. Wasan H, **Singh D**, Kh R. Safinamide in neurological disorders and beyond: evidence from preclinical and clinical studies. *Brain Res. Bull.* 2020 Dec 30: S0361-9230(20)30735-8. (IF-3.715)
6. Verma V*, **Singh D***, Reeta KH. Sinaptic acid alleviates oxidative stress and neuro-inflammatory changes in sporadic model of Alzheimer's disease in rats. *Brain Sciences* , 2020 Nov; 10(12): 923. (IF-3.333) (* equal first authorship)
7. **Singh D**, Wasan H, Reeta KH. Heme oxygenase-1 modulation: A potential therapeutic target for COVID-19 and associated complications. *Free Radic. Biol. Med.* 2020 Oct 19;161:263-271. (IF-8.101)
8. **Singh D**, Wasan H, Mathur A, Gupta YK. Indian perspective of remdesivir: A promising COVID-19 drug. *Indian J. Pharmacol.* 2020 May-Jun;52(3): 227-228. (IF-2.833)
9. **Singh D**, Reeta KH, Sharma U, Jagannathan NR, Dinda AK, Gupta YK. Neuro-protective effect of monomethyl fumarate on ischemia reperfusion injury in rats Role of Nrf2/HO1 pathway in peri-infarct region. *Neurochem. Int.* 2019 June; 126: 96-108. (IF-4.297)
10. Reeta KH, **Singh D**, Gupta YK. Chronic treatment with taurine after intracerebroventricular streptozotocin injection improves cognitive dysfunction in rats by modulating oxidative stress, cholinergic functions and neuroinflammation. *Neurochem. Int.* 2017 Sep; 108: 146-156. (IF-4.297)