

4) Individual Teachers Detail:

Prof. Suhel Parvez



Dr. Suhel Parvez
Professor & Head

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Affiliation:

Department of Toxicology, School of Chemical and Life Sciences, Jamia Hamdard

Education:

M. Sc. (Jamia Hamdard)

Ph. D. Toxicology (Jamia Hamdard))

Post-Doctoral research:

University of Magdeburg, Germany from 2003-2005

Specialization:

Chemistry, Toxicology

Research Interests:

- Mitochondria as Target for Neuroprotection
- Cellular and Molecular Mechanisms of Neurodegenerative Disorders
- Alternate Models of Neurotoxicology.

Awards/Fellowships/Recognitions:

- Postdoctoral fellowship, University of Magdeburg, Germany
- Scientist, Queens Medical Centre, University of Hawaii, USA
- Group Leader, Leibniz Institute for Neurobiology, Germany
- Alexander von Humboldt Fellowship for experienced researchers, Leibniz Institute for Neurobiology, Germany
- UGC Faculty Research Award in Medical Sciences (2012-2014)
- FENS, ESF-JSPS foundation
- Renewed Humboldt Fellowship, European Neuroscience Institute, University of Goettingen (April-July, 2017)
- Fellow of the Society of Biomedical Laboratory Scientists (FSBMLS), India

Recent Selected Publications

1. Kaushik P, Ali M, Tabassum H, **Parvez S.** (2020). Post-ischemic administration of dopamine D2 receptor agonist reduces cell death by activating mitochondrial pathway following ischemic stroke. *Life Sci.* 261:118349. (I.F. 3.647)
2. Kaushik P, Kaushik M, Parveen S, Tabassum H, **Parvez S.** (2020). Cross-Talk between Key Players in Patients with COVID-19 and Ischemic Stroke: A Review on Neurobiological Insight of the Pandemic. *Mol Neurobiol.* (I.F. 4.500)
3. Salman M, Tabassum H, **Parvez S.** (2020). Nrf2/HO-1 mediates neuroprotective effects of pramipexole by attenuating oxidative damage and mitochondrial perturbation after traumatic brain injury. *Dis Model Mech.* (I.F. 4.651)
4. Chakraborty R, **Parvez S.** (2020). COVID-19: An overview of the current pharmacological interventions, vaccines, and clinical trials. *Biochem Pharmacol.* 180: 114184. (I.F 4.96)
5. Salman M, Tabassum H, **Parvez S.** (2020). Tannic Acid Provides Neuroprotective Effects Against Traumatic Brain Injury Through the PGC-1 α /Nrf2/HO-1 Pathway. *Mol Neurobiol.*, 57(6):2870-2885 (I.F. 4.500)
6. Salman M, Tabassum H, **Parvez S.** (2020). Piperine mitigates behavioral impairments and provides neuroprotection against 3-nitropropionic acid-induced Huntington disease-like symptoms. *Nutr. Neurosci.*, 25:1-10 (I.F. 4.028)
7. Andrabi SS, Tabassum H, Parveen S, **Parvez S.** (2020). Ropinirole induces neuroprotection following reperfusion-promoted mitochondrial dysfunction after focal cerebral ischemia in Wistar rats. *Neurotoxicology*, 77:94-104 (I.F. 3.105)
8. Andrabi SS, Ali M, Tabassum H, Parveen S, **Parvez S.** (2019). Pramipexole prevents ischemic cell death via mitochondrial pathways in ischemic stroke. *Dis Model Mech.*, 12(8) (I.F. 4.651)
9. Naseem M, Tabassum H, **Parvez S.** (2019). PKM- ζ expression is important in consolidation of memory in prelimbic cortex formed by the process of behavioral tagging. *Neuroscience*, 410:305-315 (I.F. 3.056)
10. Sharma S, Ahmad S, Afjal MA, Habib H, **Parvez S,** Raisuddin S. (2019). Dichotomy of bisphenol A-induced expression of peroxisome proliferator-activated receptors in hepatic and testicular tissues in mice. *Chemosphere*, 236:124264 (I.F. 5.778)

Ph. D. students/Research projects

1. R&D projects undertaken as PI/Co-PI:

15 (Sponsored by DBT, DST, SERB, UGC, *Humboldt* Foundation and Jamia Hamdard)

2. Ph.D. students guided for award of degree:

(a) As Supervisor: 13 (b) As Co-Supervisor: 15

3. Ph.D. students currently guiding:

(a) As Supervisor: 08 (b) As Co-Supervisor: 08

4. Invited lectures delivered/Attended Workshops/Conferences/Symposia in National/International Universities and Institutes:

(a) National: 30 (b) International: 35