

Mr. Amit Nayak

Biochemistry Research Laboratory
Central India Institute of Medical Sciences,
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Maharashtra, INDIA.



Date of Birth : 22nd Sep.1981

E-mail : amit_ciims@rediff.com

Academic Qualifications: M.Sc. (Biochemistry), 2005, from Nagpur University.

B.Sc. (Biochemistry), 2002, from Nagpur University.

Thesis title (PhD.):

Identification & Characterization of Neuroprotective Proteins Over-expressed in Invitro Model of Ischemia. (Synopsis submitted)

Paper published:

RS Kashyap, DP Kabra , AR Nayak, RN Mishra, SK Deshpande , PN Karandikar , HJ Purohit , GM Taori , HF Dagainawala. Protein electrophoretogram in serum of acute ischemic stroke patients & its correlation with S-100BB, and Neuron specific Enolase level: A pilot study. *Annals of neurosciences* (2006) Volume 13 page no. 36-40

Nayak AR, Kashyap R.S, Deshpande PS, Purohit H.J, Taori G.M and Dagainawala H.F. Identification of protein(s) in ischemia induced PC12 cells after induction with conditioned media of IMR-32 and U87mg cells. *Advances in Biological Research* 2007; 1: 118-121.

Kashyap R.S, Deshpande PS, Nayak AR, Purohit H.J, Taori G.M and Dagainawala H.F. Adenosine deaminase activity in the supernatant of monocytes infected with mycobacterium tuberculosis. *IJIB*, 2007; 1:61-64.

Kashyap R.S, Nayak AR, Kabra D, Purohit H J Taori G.M and Dagainawala H.F. Inter alpha trypsin inhibitor heavy chain 4 is a novel marker of acute ischemic stroke. In *Clinica Chemica Acta*. 2009 Apr; 402(1-2):160-3.

Nayak AR, Kashyap R.S, Kabra D, Purohit H J Taori G.M and Daginawala H.F. Evaluation of the inflammatory response in serum from acute ischaemic stroke patients. In Inflammation research

Paper communicated

Nayak AR, Kashyap R.S, Deopujari JY, Purohit H J Taori G.M and Daginawala H.F Neuroprotective effect of Withania somnifera against sodium azide and glucose deprivation induced chemical ischemia in PC12 cells. Int. J Neuroscience

Training Undergone :

On job training in “techniques in biochemistry”. 2001, in Central India Institute of Medical Sciences (CIIMS) Nagpur

“Molecular Biology & plant tissue culture technique” 2002, in Central India Institute for Cotton Research (CICR) Nagpur

Attended ISN/APSN/IBRO workshop from 16th to 21st June 2008 in shanghai (china)

Attended the “12th IBRO School of Neuroscience, from 29th Dec to 8th Jan 2009, Kolkata India.

Seminars/conferences/ workshops attended:

“Biotak -2 “Stem cell technology” Organized by Hislop College Nagpur (2003)

Symposium on “Drug Design & Bioinformatics” Organized by PGTD of Biochemistry (2003)

Symposium on “Recent Advances in cancer research” Organized by PGTD of Biochemistry (2005)

24th Annual Conference of Indian Academy of Neurosciences on International updates on Basic and Clinical Neurosciences 2006

25th Annual Conference of Indian Academy of Neurosciences on International symposium on Advances in Neurosciences 2007

“National conference on Current trend in Biochemistry” Organized by PGTD of Biochemistry, Nagpur, India (2007)

“International conference on Toxic Exposure related Biomarkers” Organized by National Environmental Engineering Research Institute, Nagpur, India (Jan2008)

“International conference Neruopeptide” Organized by Pharmacy Department, Nagpur, University Nagpur, India (Jan2008)

Symposium on “Advances in Cerebrovascular Disease” Organized by Central India Institute of medical Sciences, Nagpur, India. (22nd August 2008)

APSN symposium 23rd to 26th June 2008 in shanghai

Poster presented in Conferences:

Nayak AR, Kashyap R.S, Deshpande PS, Purohit H.J, Taori G.M and Daginawala H.F. Identification of protein(s) in ischemia induced PC12 cells after induction with conditioned media of IMR-32 and U87mg cells. 24th Annual Conference of Indian Academy of Neurosciences on International updates on Basic and Clinical Neurosciences 2006

Nayak AR, Kashyap R.S, Deshpande PS, Purohit H.J, Taori G.M and Daginawala H.F. Anti-inflammatory activity of ITIH4 in acute Ischemic Stroke. 25th Annual Conference of Indian Academy of Neurosciences on International symposium on Advances in Neurosciences 2007

Nayak AR, Kashyap R.S, Deshpande PS, Purohit H.J, Taori G.M and Daginawala H.F. Clinical utility of ITIH4 in the prognosis of acute ischemic stroke . “National conference on Current trend in Biochemistry” Organized by PGTD of Biochemistry, Nagpur, India (2007)

Nayak AR, Kashyap R.S, Deshpande PS, Purohit H.J, Taori G.M and Daginawala H.F. Identification of protein(s) in ischemia induced PC12 cells after induction with conditioned media of IMR-32 and U87mg cells. “International conference on Toxic Exposure related Biomarkers” Organized by National Environmental Engineering Research Institute, Nagpur, India (Jan2008)

Nayak AR, Kashyap R.S, Deopujari JY, Purohit H J Taori G.M and Daginawala H.F. Ashwagandha protects PC12 cells against sodium azide induce chemical ischemia. Symposium on “Advances in Cerebrovascular Disease” Organized by Central India Institute of medical Sciences, Nagpur, India. (22nd August 2008).

AR Nayak, RS Kashyap, DP Kabra, HJ Purohit, GM Taori, HF Dagainawala. Inter-alpha trypsin inhibitor heavy chain 4 is a novel marker of acute ischemic stroke. APSN symposium 23rd to 26th June 2008 in shanghai.

Amit R Nayak, Rajpal S Kashyap, Jayant Y Deopujari , Hemant J Purohit, Girdhar M Taori, Hatim F Dagainawala . Neuroprotective studies with *Withania somnifera* using sodium azide and glucose deprivation induced chemical ischemia model in PC12 cells. Dec 2009 , Jaipur India

Amit R Nayak, Rajpal S Kashyap, Jayant Y Deopujari , Hemant J Purohit, Girdhar M Taori, Hatim F Dagainawala .**Prognostic evaluation of panel of Biomarkers in the serum of acute ischemic stroke patients.** 78th annual meeting, Society of Biological Chemists (India), NCCS, Pune (M.S.) October-November 2010.

Laboratory Experience

Worked as a Technical assistant (2002-2003) in Biotechnology department of Sindhu Mahavidyalaya Nagpur

Worked as a Biochemist, in Life line blood bank (2005), Nagpur

Research fellow from 19th Dec 2005 till date, Central India Institute of Medical Sciences, Bajaj Nagar Nagpur

Faculty in three workshop on “Immunological Molecular and Animal cell Culture technique” organized by Central India Institute of Medical Sciences, Bajaj Nagar Nagpur from June 2008 to June 2009

Signature

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