

CURRICULUM VITAE

Of

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&

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PERSONAL DETAILS

Name : **Dr. G.M. TAORI**
 Gender : Male
 DOB : 1ST June 1932
 Nationality : Indian

EDUCATIONAL QUALIFICATIONS

- **M.B.B.S** -- **Nagpur University, April 1957**
- **M.D.** -- **Nagpur University, April 1960**
- **FRCP (Neurology)** -- **Royal College of Physicians and Surgeons of Canada, Nov 1966**

Position held :

Post	From	TO
Director & Chief Neurologist Central India Institute of Medical Sciences, Nagpur	Jul 1984	till to date
Neurologist, Gopikrishna Neuro Clinic , Nagpur.	Jun 1973	Jun 1984
Visiting Professor of Neurology, MGIMS, Sewagram.	Nov 1973	Apr 1976
Professor of Neurology, Christian Medical College, Vellore.	Apr 1972	Apr 1973
Associate Professor of Neurology, CMC, Vellore.	Apr 1970	Mar 1972
Reader in Neurology and Associate ,Professor of Medicine, Dept of Neurological Sciences, CMC, Vellore.	Mar 1968	Mar 1970
Fellow, Neuropathology Montreal Neurological Institute, Canada.	Sep 1966	Dec 1966
Sr Resident, Neurology, Montreal Neurological Institute, Canada.	Jul 1965	Aug 1966
Fellow, Electroencephalography & Clinical Neurophysiology Montreal Neurological Institute, Canada.	Jul 1964	Jun 1966
Lecturer in Neurology, Dept of Neurological Sciences, CMS, Vellore.	Jun 1962	Apr 1964

MEMBERSHIP

- Member, Neurological Society of India
- Fellow of the Royal College of Physicians and Surgeons, Canada.
- Fellow of the Montreal Neurological Institute, Canada,
- Member, Indian Epilepsy Association and Indian Epilepsy Society.
- Member, Kasturba Health Society, Sewagram, Wardha from 1988 to 2002.

GUIDE AND EXAMINER:

- Neurology post-graduation course leading to DM (Neurology) of Madras University from 1968-1973.
- Guide for Neurology post-graduation course leading to DNB (Neurology) of National Board of Examinations from April 2000. (CIIMS, Nagpur.)

RECEIPT: AWARDS/HONOURS

- E Merck Gold Medal Award for the best research paper at the Annual Conference of the Neurological Society of India at Lucknow 1972.
- Life Time Achievement Award, Jan 1999, Department of Neurological Sciences, CMC, Vellore.
- Life Time Achievement Award, Aug 1999 by Neurotrauma Committee of Neurological Society of India.
- "B Rammurthy" oration "Neurocon 2001", Mumbai.
- "Professional Excellence Award" 2003, Academy of Medical Sciences, Nagpur.
- "Vidarbha Gaurav Award" 2004, by Vidarbha Krishi Pratisthan, Nagpur.
- "Life Time Achievement Award" 2004, by Madras Neuro Trust, Chennai.
- "E C Eduljee Vocational Excellence Award, 2004-05, Rotary Club, Nagpur.
- "Nagbhushan Award" 2005 by Nagbhushan Award Samiti, Nagpur.
- Bajoria Oration – EPICON – 2006.

PARTICIPATED ON INVITATION

in the International symposium on "Folic acid and Nervous System" held at Montreal, Canada, in Sept 1978. Delivered a talk on "Neurological Manifestations in Tropical Sprue".

RESEARCH PROJECT HANDLED:

As a Principle Investigator

- Non-Metastatic neurological manifestations in oral malignancies, Funded by Indian Council of Medical Research (ICMR), from 1970 to 71.
- Study of free and bound N-Acetyl Neuraminic acid in the cerebrospinal fluid of the Central Nervous System Infections, Funded by (ICMR) , From 1971 to 1972.
- Development of a kit for detection of M.Tuberculosis antigen in cerebrospinal fluid of TBM patients, Funded by (DBT) From 2005 to 2008.
- Proteomic approach for differential diagnosis of latent from active tuberculosis, Funded by (DBT) From 2008 to 2011.

As a co-Investigator

- Diagnostic value of 30 KD protein comprising of Ag 85 complex in extra CNS tuberculosis, Funded by Department of Science and Technology (DST) From 2006 to 2009.
- Development of Immunological test for early diagnosis of Chikungunya Viral Infection., Funded by (DBT), From 2008 to 2011
- Study of heat shock proteins and cytokines in diagnosis and pathogenesis of tuberculous meningitis, Funded by (ICMR) From 2007 to 2009
- Development of low cost prognostic kit (S) for brain stroke patients , Funded by (DBT) From 2011 to 2014
- A novel multiplex PCR for simultaneous identification and discrimination of M.tuberculosis, M.avium complex and other non-tubercular mycobacteria directly from clinical specimen , Funded by (DBT)

CONTRIBUTION TO BOOKS:

- Neurological Manifestations in Tropical Sprue : G M Taori, V Iyer in Tropical Neurology Ed By J D Spillane : 73-77, Oxford, London, 1873.
- Neurological Manifestations in Nutritional deficiencies, G M Taori, V Iyer, in Text Book of Medicine API Ed By S J Shah, 860- 863, Bombay, 1988.
- Neurological Manifestations in Nutritional Deficiencies : G M Taori, V Iyer in Text Book of Neurology, Ed By Dr J S Chopra, G Arjundas and S Prabhakar, Pub BI Churchill Livingstone, New Delhi 2001 : PP 467-484.

RESEARCH PUBLICATION : 101

1. Kashyap RS, Nayak AR, Gaherwar HM, Husain AA, Shekhawat SD, Jain RK, Panchbhai MS, Raje DV, Purohit HJ, Taori GM, Dagainawala HF. Latent TB Infection Diagnosis in Population Exposed to TB Subjects in Close and Poor Ventilated High TB Endemic Zone in India. PLoS One. 2014 Mar 10;9(3):e89524.
2. Rajpal S. Kashyap, Shweta H. Morey, Shradha S. Bhullar, Neeraj N. Baheti, Nitin H. Chandak, Hemant J. Purohit, Girdhar M. Taori, Hatim F. Dagainawala. Determination of Toll-like receptor induced cytokine profile in blood and cerebrospinal fluid of Chikungunya patients. Accepted for publication in Neuroimmunomodulation. 2014
3. Shekhawat SD, Jain RK, Gaherwar HM, Purohit HJ, Taori GM, Dagainawala HF, Kashyap RS. Heat shock proteins: possible biomarkers in pulmonary and extrapulmonary tuberculosis. Hum Immunol. 2014 Feb;75(2):151-8.
4. Khushboo J. Nagdev, Rajpal S. Kashyap, Shraddha S. Bhullar, Hemant J. Purohit, Girdhar M. Taori and Hatim F. Dagainawala. Comparison of Real-Time PCR and conventional PCR using IS6110 region of Mycobacterium tuberculosis for efficient diagnosis of tuberculous meningitis and pulmonary tuberculosis. Indian Journal of Biotechnology, Accepted, Sep 2013.
5. Khushboo J. Nagdev, Rajpal S. Kashyap, Shraddha S. Bhullar, Hemant J. Purohit, Girdhar M. Taori and Hatim F. Dagainawala. Comparison of Real-Time PCR and conventional PCR using IS6110 region of Mycobacterium tuberculosis for efficient diagnosis of tuberculous meningitis and pulmonary tuberculosis. Indian Journal of Biotechnology, Accepted, Sep 2013.
6. Ruchika Jain, Amit Nayak, Aliabbas Husain, Milind Panchbhai, Nitin Chandak, Hemant Purohit, Girdhar M. Taori, H. Dagainawala and Rajpal Singh Kashyap. Mycobacterial dormancy regulon protein Rv2623 as a novel biomarker for the diagnosis of latent and active tuberculous meningitis. Disease Markers, 2013, 35;1-6
7. Rajpal S. Kashyap, Amit R. Nayak, Hari M. Gaherwar, Shraddha S. Bhullar, Aliabbas A. Husain, Seema D. Shekhawat, Ruchika K. Jain, Sonali S. Gaikwad, Ashish R. Satav, Hemant J. Purohit, Girdhar M. Taori and Hatim F. Dagainawala . Laboratory investigations on the diagnosis of tuberculosis in the malnourished tribal population of Melghat, India. PlosOne 013 Sep 12; 8(9):e74
8. Chourasia SR, Kashyap RS, Deopujari JY, Purohit HJ, Taori GM, Dagainawala HF. Effect of Aqueous Extract and Fractions of Fagonia arabica on In Vitro Anticoagulant Activity. Clin Appl Thromb Hemost. 2013 Jun 27. [Epub ahead of print] PubMed PMID: 23814169
9. Rajpal S. Kashyap, Amit R. Nayak, Hari M. Gaherwar, Shraddha S. Bhullar, Aliabbas A. Husain, Seema D. Shekhawat, Ruchika K. Jain, Sonali S. Gaikwad, Ashish R. Satav, Hemant J. Purohit, Girdhar M. Taori and Hatim F. Dagainawala . Laboratory investigations on the diagnosis of tuberculosis in the malnourished tribal population of Melghat, India. Accepted for publication in Plosone 9Aug2013
10. Shweta S Chourasiya, Rajpal S Kashyap, Jayant Y Deopujari , Hemant J Purohit, Girdhar M Taori, Hatim F. Dagainawala. Effect of aqueous extract and fractions of Fagonia arabica on in vitro anticoagulant activity. Clinical and applied thrombosis and heomostatis. Accepted for publication 2013

11. Aliabbas A. Husain, Hatim F. Dagainawala, Hemant J. Purohit, Girdhar M. Taori, Rajpal S. Kashyap. Assessment of immune response to culture filtrate antigens of *M. tuberculosis* Culture Using invitro PBMC Model: Prospects to New Vaccine development. Accepted in European journal experimental biology of 2013
12. Shradha S. Bhullar, Nitin H. Chandak, Hemant J. Purohit, Girdhar M. Taori, Hatim F. Dagainawala, Rajpal S. Kashyap. Determination of viral load by quantitative real-time PCR in herpes simplex encephalitis patients. Accepted in Intervirology (2013).
13. Rajpal S. Kashyap, Amit R. Nayak, Aliabbas A. Husain, Hari M. Gaherwar, Hemant J. Purohit, Girdhar M. Taori, Hatim F. Dagainawala. Tuberculosis in India: The Continuing Challenge. Review Article Accepted for publication in Current Science 26th March 2013
14. Aliabbas A. Husain, Hatim F. Dagainawala. , Dewanand R. Kalorey, Amit R. Nayak, Hemant J. Purohit, Girdhar M. Taori, Rajpal S. Kashyap. Proteomic approach to identify surrogate biomarker for evaluation of efficacy after prime boost vaccination. Indian Journal of Applied Research 2013, 3: 452-55
15. Ravindra Satpute, Rahul Bhattacharya, Rajpal S Kashyap, Hemant J Purohit, Jayant Y Deopujari, Girdhar M Taori, Hatim F Dagainawala. Antioxidant potential of *Fagonia arabica* against chemical ischemia induced in PC12 cells. Iranian Journal of Pharmaceutical Research (2012), 11: 303-313.
16. Rajpal S Kashyap, Amit Nayak Sonali Gaikwad, Ruchika K Jain Hatim F Dagainawala Girdhar M Taori. Biomarkers in pulmonary and extra pulmonary tuberculosis. Published as a full length paper in proceeding of the International conference on "Advances in developing Affordable Invitro molecular Diagnostics". Organised by Yashraj Research Foundation , Mumbai on 11-14 March 2012
17. Kashyap RS, Shekhawat SD, Nayak AR, Purohit HJ, Taori GM, Dagainawala HF. Diagnosis of tuberculosis infection based on synthetic peptides from *Mycobacterium tuberculosis* antigen 85 complex. Clin Neurol Neurosurg. 115(6):678-83, 2013.
18. Shekhawat Seema D, Kashyap Rajpal S, Wanjari Snehal S, Nagdev Khushboo J Purohit Hemant J, Taori Girdhar M and Dagainawala Hatim F. Evaluation of *Mycobacterium tuberculosis* 16 and 71 heat shock proteins in the cerebrospinal fluid of tuberculous meningitis patients. British Journal Of Medicine and medical Research, 2012, 2(2): 243-253.
19. Amit R Nayak, Rajpal S Kashyap, Dinesh Kabra, et al. Time course of Inflammatory cytokines in acute ischemic stroke patients and their relation to Inter-Alpha Trypsin Inhibitor Heavy Chain 4, and outcome. Ann Indian Acad Neurol. 2012 Jul-Sep; 15(3): 181–185.
20. Rajpal S Kashyap, Snehal W Wanjari, Milind S Panchabhai, Hemant Purohit, Giridhar M Taori, Hatim Dagainawala . *Mycobacterium Tuberculosis* Heat Shock Protein 16 as a Potential Marker for Latent TB: Preliminary Findings. J Clin Cell Immunol 2011; 2 (5):1-4
21. Anju S. Rajan, Rajpal S. Kashyap, Seema D. Shekhawat, Aliabbas A Husain, Hemant J Purohit, Girdhar M Taori & Hatim F Dagainawala. Relationship between Hsp 65 and IL-12, IL-10 profile in TB patients. A preliminary study. Future indications in vaccine design. IIOABJ, 2011; Vol.3 (1):39-43.

22. Amit R Nayak , Rajpal S Kashyap, Dinesh Kabra, Hemant J Purohit, Girdhar M Taori, Hatim F Dagainawala. Evaluation of routinely performed hematological and biochemical parameters for prognosis of acute ischemic stroke patients. *Neurol Sci*, 2011; 32:855-860.
23. Sagarika Haldar, Mridula Bose, Parul Chakrabarti, Hatim F. Dagainawala, B.C. Harinath, Rajpal S. Kashyap, et al. Improved Laboratory Diagnosis of Tuberculosis: The Indian Experience. *Tuberculosis*:2011; (1-13)
24. Amit R Nayak, Rajpal S Kashyap, Dinesh Kabra et al. Prognostic significance of ischemia-modified albumin in acute ischemic stroke patients: A preliminary study. *Annals of Neurosciences*: 2011;18 (1):5-7
25. Amit R Nayak , Rajpal S Kashyap, Dinesh Kabra , Hemant J Purohit, Girdhar M Taori, Hatim F Dagainawala. Prognostic evaluation of sex difference in adenosine deaminase and homocysteine activities of acute ischemic stroke patients. *Basic Clin Sci* 2013; 2: 25-29
26. Shradha S. Bhullar, Rajpal S. Kashyap, Nitin H. Chandak, et al. Protein A based ELISA: its evaluation in the diagnosis of herpes simplex encephalitis, *Viral Immunology*, Aug 2011; 24(4):341-346
27. Khushboo J. Nagdev, Rajpal S. Kashyap, Manmohan M. Parida et al. Loop-mediated Isothermal Amplification for Rapid and Reliable Diagnosis of Tuberculous Meningitis. *J Clin Microbiol* 2011 May; 49(5) :1861-5
28. Sweta R Chourasia, Rajpal S Kashyap, Jayant Y Deopujari, et al. In vitro clot lytic potential of *Fagonia arabica*: A comparative study of two methods. *Blood Coagul Fibrinolysis*. 2011 Jun; 22(4):288-94.
29. Amit R Nayak , Rajpal S Kashyap, Jayant Y Deopujari , Hemant J Purohit, Girdhar M Taori, Hatim F Dagainawala. Evaluation of Neuroprotective effect of *Withania somnifera* against chemical ischemia / reperfusion in PC12 cells. *IJIB* , 2010;10 :136-141
30. Milind S Panchbhai, Rajpal S Kashyap, V. S. Agrawal, Hemant J Purohit, Girdhar M Taori and Hatim F Dagainawala. Evaluation of Quantiferon TB Gold Test for the diagnosis of latent and active tuberculosis. *International Journal of Biology* 2011; 3 (1): 122-129.
31. Rajpal S Kashyap, Sonali M Saha, Hari M Gaherwar, Poonam S Deshpande, Hemant J Purohit, Girdhar M Taori and Hatim F Dagainawala. Evaluation of BioFM liquid medium for culture of cerebrospinal fluid in tuberculous meningitis to identify *Mycobacterium tuberculosis*. *Indian Journal of Medical Microbiology*, 2010, 28(4):366-369.
32. Rajpal S Kashyap, Sonali M Saha, Khushboo J Nagdev, Sanjeevani S Kelkar, Hemant Purohit, Girdhar M Taori and Hatim F Dagainawala. Diagnostic Markers for Tuberculosis Ascites: A Preliminary Study. *Biomarker Insights*, 2010, 5:87–94.
33. Aliabbas A Hussain, Rajpal S Kashyap, Devanand R Kalorey, Shubhangi R Warke, Hemant J Purohit, Girdhar M Taori and Hatim F Dagainawala. Effect of repeat dose of BCG vaccine on humoral response in mice model. Accepted in *Indian Journal of Experimental Biology*, 2011,49:7-10.

34. Rajpal S Kashyap, Shweta H Morey, Nitin H Chandak, Hemant J Purohit, Girdhar M Taori and Hatim F Daginawala. Detection of viral antigen, IgM and IgG antibodies in cerebrospinal fluid of Chikungunya patients with neurological complications. BMC, Cerebrospinal fluid research, 2010, 7:12.
35. Shweta H Morey, Rajpal S Kashyap, Hemant J Purohit, Girdhar M Taori and Hatim F Daginawala. An approach towards peptide-based antibody detection for diagnosis of Chikungunya infection. Biomarkers, September 2010, 15(6):546-552.
36. Rajpal Singh Kashyap, Aliabbas A Husain, Shweta H Morey, Milind S. Panchbhai, Poonam S Deshpande, Hemant J Purohit, Girdhar M Taori, Hatim F Daginawala. Assessment of immune response to repeat stimulation with BCG vaccine using invitro PBMC model. Journal of Immune based Therapies and Vaccine, 2010, 8:3.
37. Khushboo J. Nagdev, Rajpal S. Kashyap, Poonam S. Deshpande, Hemant J. Purohit, Girdhar M. Taori and Hatim F. Daginawala. Determination of PCR efficiency for diagnosis of tuberculous meningitis in Chelex-100 extracted DNA samples. International Journal of Tuberculosis and Lung Diseases, August 2010, 14(8):1032-8.
38. Khushboo J. Nagdev, Rajpal S. Kashyap, Poonam S. Deshpande, Hemant J. Purohit, Girdhar M. Taori and Hatim F. Daginawala. Comparative evaluation of a PCR assay with an in-house ELISA method for diagnosis of Tuberculous meningitis. Medical Science Monitor, 2010, 16(6):289-295.
39. Rajpal Singh Kashyap, Shweta H Morey , Sonali S Ramteke, , Nitin H Chandak, Manmohan Parida, Poonam S Deshpande, Hemant J Purohit, Girdhar M Taori, Hatim F Daginawala. Diagnosis of Chikungunya fever in an Indian population with an indirect ELISA protocol based on an antigen detection assay: A prospective cohort study. Clinical and Vaccine Immunology, 2010, 17(2):291-297.
40. Rajpal S. Kashyap, Poonam S. Deshpande, Sonali R. Ramteke, Milind S. Panchbhai, Hemant J. Purohit, Girdhar M. Taori, Hatim F. Daginawala. Changes in cerebrospinal fluid cytokine expression in Tuberculous Meningitis patients with treatment. Neuroimmunomodulation, 2010, 17(5):333-9.
41. Ravindra M. Satpute, Rajpal S Kashyap, Jayant Y Deopujari, Hemant J Purohit, Girdhar M Taori, Hatim F Daginawala. Protection of PC12 cells from chemical ischemia induced oxidative stress by Fagonia arabica. Food Chem. Toxicol 2009 Nov, 47(11):2689-95.
42. Nitin H. Chandak, Rajpal S. Kashyap, Dinesh Kabra, Poornima Karandikar, Sonali M. Saha, Shweta H. Morey, Hemant J. Purohit, Girdhar M. Taori, Hatim F. Daginawala. Neurological complications of chikungunya virus infection. Neurology India, 2009, 57(2):177-180.
43. Amit R Nayak, Rajpal S Kashyap, Hemant J Purohit, Dinesh Kabra, Girdhar M Taori, Hatim F Daginawala. Evaluation of the inflammatory response in sera from acute ischemic stroke patients by measurement of IL-2 and IL-10. Inflammation Research 2009 Oct, 402(1-2):687-91.
44. Rajpal S Kashyap, Sonali S Ramteke, Shweta H Morey, Hemant J Purohit, Girdhar M Taori, Hatim F Daginawala. Diagnostic value of early secreted antigenic target-6

- (esat-6) for diagnosis of tuberculous meningitis patients. *Infection*, 2009, 37:508-513.
45. Rajpal S Kashyap, Amit R Nayak, Poonam S Deshpande, Dinesh Kabra, Hemant J Purohit, Girdhar M Taori, Hatim F. Daginawala. Inter- α -trypsin inhibitor heavy chain 4 is a novel marker of acute ischemic stroke. *Clin Chem Acta* 2009, 402:160-163.
 46. Khushboo J Nagdev, Poonam S. Deshpande, Rajpal S. Kashyap, Hemant J. Purohit, Girdhar M. Taori, Hatim F. Daginawala. Evaluation of nested PCR along with other laboratory techniques for the diagnosis of Pleural tuberculosis. *IJIB* 2008, 4:28-33.
 47. Amita Limaye, Rajpal S Kashyap, Atya Kapley, Sanjeev Galande, Hemant J Purohit, Hatim F Daginawala, Girdhar M Taori. Modulation of signal transduction pathways in lymphocytes due to sub-lethal toxicity of chlorinated phenol. *Toxicology Letters* 2008, 179:23-28.
 48. 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. *Advances in Biological Research* 2007, 1(3-4):118-121.
 49. Prasad S, Kashyap R.S, Deopujari J.Y, Purohit H.J, Taori G.M and Daginawala H.F. Effect of *Fagonia arabica* (Dhamasa) on in vitro thrombolysis. *BMC Complementary and Alternative Medicine*, 2007, 7:36. (06-09-2007)
 50. Deshpande PS, Kashyap R.S, Ramteke SS, Nagdev KJ, Purohit HJ, Taori GM and Daginawala HF. Evaluation of the IS6110 PCR assay for the rapid Diagnosis of tuberculous meningitis. *BMC, Cerebrospinal fluid research* 2007, 4:10.
 51. Kashyap R.S, Deshpande PS, Nayak AR, Purohit HJ, Taori GM and Daginawala HF. Adenosine deaminase activity in the supernatant of monocytes infected with mycobacterium tuberculosis. *IJIB* 2007, 1(2):61-64.
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 55. Rajan A. N., Kashyap R.S, Purohit H.J, Taori G.M and Daginawala H.F. Serodiagnosis of tuberculosis based on the analysis of 65 kD heat shock protein of Mycobacterium tuberculosis. *Int. J Tuberc. Lung Dis.* 2007, 11(7):1-6.
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62. Satpute R.M, Kashyap R S, Kainthla R.P, Purohit H.J, Taori G.M and Daginawala H.F. Secretory Factors of Human Neuroblastoma (IMR-32) and Human Glioblastoma (U87MG) cell lines induce neurite outgrowths in PC12 cells. *Indian Journal of Experimental Biology*, 2006, 44; 367-370.
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73. velocity in normal and chronic uraemic patient *J Ass. Phys.India* 30,93-95, 1982. U N Jajoo, G M Taori and B S Choubey : Variation in nerve conduction
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