

REFERENCES



1. Weiner, H.L., Hafler, D.A. Multiple Sclerosis. In E. Appel (ed.), Current Neurology, pp.123-151, Year Book Medical Publishers, USA, 1986.
2. Rodriguez, M. Multiple Sclerosis : Basic concept and hypothesis. Mayo clin Proc. 64 (1989) : 570-576.
3. Arnason, B.G.W. Relevance of experimental allergic encephalomyelitis to multiple sclerosis. Neurol Clin. 1 (1983) : 765-782.
4. Sheremata, W., Wood, D.D., Moscarello, A., Cosgrave, J.B.R., Sensitization to myelin basic protein in attacks of multiple sclerosis. J Neurol Sci. 36 (1978) : 165-170.
5. Warren, K.G., Catz, I. Diagnostic value of cerebrospinal fluid anti-myelin basic protein in patients with multiple sclerosis. Anal of Neurology 20 (1986) : 20 - 25.
6. Lisak, R.P., Heinze, R.G., Falk, G.H., Kies, M.W. Search for anti encephalitogen antibody in human demyelinating diseases. Neurology 18 (1968) : 122 - 128.
7. Lennon, V., Mackay, I.R. Binding of I^{125} myelin basic protein by serum and cerebrospinal fluid. Clin Exp Immunol. 11 (1972) : 595-603.
8. Schmid, G., Thomas, G., Hempel, K., Gruninger, W. Radioimmunological determination of myelin basic protein (MBP) and anti-MBP antibodies. Eur Neurol. 12 (1974) : 173-185.
9. Rutiainen, J., Arnadottir, T., Molnar, G., Salmi, A., Frey, H. Myelin basic protein antibodies in the serum and CSF of multiple sclerosis patients. Acta Neurol Scand. 64 (1981) : 196-206.

10. Page, N., Perruisseau, G., Steck, A.J. Binding properties of CSF IgG in multiple sclerosis and other neurological diseases. J Neurol Sci. 60(1983) : 25-30.
11. Chou, C.h., Tourtellotte, W.W., Kibler, R.F. Failure to detect antibodies myelin basic protein or peptic fragments of myelin basic protein CSF of patients with multiple sclerosis. Neurology 33(1983) : 24-28.
12. Newcombe, J., Glynn, P., Cuzner, M.L. Analysis by transfer electrophoresis of reactivity of IgG with brain proteins in multiple sclerosis. J Neurochem. 39 (1982) : 1192-1194.
13. Griffin, D.E., Hemachudha, T., Johnson, R.T. Postinfectious and post-vaccinal encephalomyelitis. In D.H. Gilden, H. Lipton (eds.) Clinical and molecular aspect of viral illness of the nervous system. pp.501-527, Martinus Nijhoff, Boston, 1989.
14. Raine, C.S. Experimental allergic encephalomyelitis and experimental allergic neuritis. In J.C. Koetsier (ed.) Handbook of clinical Neurology pp.429-466, Elsevier Science Publishers, USA, 1985.
15. Silberberg, D.H. Pathogenesis of demyelination. In W.I. Donald, D.H. Siberberg (eds.) Multiple Sclerosis. pp.576-770, Butterworths, London, 1986.
16. Rose, A.S., Elliaon, G.W., Myers, M.W., Tourtellotte, W.W. Criteria for the clinical diagnosis of multiple sclerosis. Neurology 26 (1976) : 20-22.
17. Poser, C.M., Paty, D.W., Scleiberg, L., et al. New diagnostic creteria for multiple sclerosis guidline for research protocols. Ann Neurol. 131(983) : 227-231.

18. Hershey, L.A., Trotter, J.L. The use and abuse of the CSF IgG profile in the adult : A practical evaluation. Ann Neurol. 8 (1980) :426-434.
19. Tourtellotte, W.W., Potvin, A.R., et al. Multiple Sclerosis : measurement and validation of CNS IgG Synthesis rate. Neurology 30 (1980) : 240-244.
20. Garcia-Merino, A., Persson, M.A.A., Ernerudh, J., Diaz-Gil, J., Olsson, T. Serum and cerebrospinal fluid antibodies against myelin basic protein and their IgG subclass distribution in multiple sclerosis. J Neurol Neurosurg Psychiatry. 49 (1986) :1066-1070.
21. Cruz, M., Olsson, T., et al. Immunoblot detection of oligoclonal anti-myelin basic protein IgG antibodies in CSF in multiple sclerosis. Neurology 37 (1987) : 1515-1519.
22. Johnson, K.P., Panitch, H.S., Hafler, D.A., Antibodies to myelin basic protein in multiple sclerosis and subacute sclerosing panencephalitis. In A. Karcher et al (eds.), Humoral immunity in neurological disease. pp.35, NATO Advanced Study Institute, USA, 1978.
23. Biggins, J.A., Taylor, A., Caspary, E.A., Circulating antibody to myelin basic protein in relapsing remitting multiple sclerosis: a comparative group and sequential study by radioimmunoassay. J Neurol Neurosurg Psychiatry 41 (1978) : 1131-1134.

24. Panitch, H.S., Hooper, C.J., Johnson, K.P., Cerebrospinal fluid antibody to myelin basic protein : measurement in patients with multiple sclerosis and subacute sclerosing panencephalitis. Arch Neurol. 37 (1980) : 206-209.
25. Bashir, R.M., Whitaker, J.N., Molecular features of immunoreactive myelin basic proteins in cerebrospinal fluid of persons with multiple sclerosis. Ann Neurol. 7 (1980) : 50-57.
26. Frick, E., Stickl, H. Antibody-dependent lymphocyte cytotoxicity against basic protein of myelin in multiple sclerosis. J Neurol Sci. 46 (1980) : 187-197.
27. Paterson, P.Y., Day, E.D., Whitacre, C.C., Berenberg, R.A., Harter, D.H. Endo-genous myelin basic protein serum factors (MBP-sf) antibodies in humans. J Neurol Sci. 52 (1981) : 37-51.
28. Linthicum, D.S., Jones, S., Horvath, L., Carnegie, P.R. Detection of antibodies to myelin basic protein by solid phase radioimmunoassay with I¹²⁵ protein A. J Neuroimmunol. 1 (1981) : 17-26.
29. Gorny, M.K., Wroblewska, Z., Pleasure, D., Miller, S.L., Wajgt, A., Koprowski, H. Cerebrospinal fluid antibodies to myelin basic protein and oligodendrocytes in MS and other neurological disease. Acta Neurol Scand. 67 (1983) : 338-347.
30. Bernard, C.A., Townsend, E. Absence of cross-reactive antibodies to myelin basic protein and viral antigens in multiple sclerosis. In C. Elsworth, Jr. Alvord, M. Kies, A. Suckling (eds.) Experimental allergic encephalomyelitis : a useful model or multiple sclerosis. pp.353-358, Alan R Liss, USA, 1984.

31. Dasgupta, M.K., McPherson, T.A., Catz, I., Warren, K.G., Dosseteror, J.B., Carnegie P.R. Identification of myelin basic protein in circulating immunocomplexes from samr MS patients. In C. Elsworth, Jr. Alvord, M. Kies M, A. Suckling A (eds.) Experimental allergic encephalomyelitis : a useful model for multiple sclerosis. pp.353-358, Alan R Liss, USA, 1984.
32. Alvord, E.C., Hruby, S., Shaw, C.M., Slimp, J. Myelin basic proteins and its antibodies in cerebrospinal fluid in experimental allergic encephalomyelitis, multiple sclerosis and other disease. In C. Elsworth, Jr. Alvord, M. Kies, A. Suckling, Experimental allergic encephalomyelitis : a useful model for multiple sclerosis. pp359-363, Alan R Liss, USA, 1984.
33. Irie, H., Sanai, Y., Nagai, Y. Enzyme-linked immunosorbent assay (ELISA) for anti-myelin basic protein antibody and its application to studies of erperimental allergic encephalomuyelitis. Jpn. J Exp Med. 51 (1981) : 201-8.
34. Tabira, T., Endoh, M. Humoral immune response to myelin basic protein cerebroside and ganglioside in chronic relapsing EAE of the guinea pig. J Neurol Sci. 67 (1985) : 201-12.
35. Sindie, C.J.M., Cambiaso, C.L., Masson, P.L., Laterre, E.C. The binding of myelin basic protein to the Fc region of aggregated IgG and to immune complexes. Immunol. 41 (1980) : 1-7.
36. Hemachudha, T., Griffin, D.E., et al. Myelin basic protein as an encephalitogen in encephalomyelitis and polyneuritis following rabies vaccination. New Engl J Med. 316(1987) : 369-374.

37. Ferreria, P., Price, C.P. A comparison of Bromeresol green and immunoprecipitation methods for the determination of serum albumin. Clinical Clinica Acta 55 (1974) : 259-262.
38. Tibbling, G., Link, H., Ohlman, S. Principles of albumin and IgG analyses in neurological disorders. I. Establishment of reference values. Invest. 37 (1977) : 385-90.
39. Markowitz, H., Kokmen, E. Neurologic disease and the cerebrospinal fluid immunoglobulin profile. Mayo clin Proc. 58 (1983) : 273-274.
40. Whitaker, J.N. The protein antigens of peripheral nerve myelin. Ann Neurol. 9 (1981) : 56-64.



CIRRICULUM VITAE

Dr. Kiat Ruxrungham was born on June 9, 1954 in Phuket, Thailand. He graduated with Medical Degree from Faculty of Medicine, Chaiengmai University in 1977.