

Respected Professor

I am Ponnappa.K.C working for Ph.D. under the guidance of Prof.T.Veerabasappa Gowda, DOS in Biochemistry, University of Mysore, Manasagangothri, Mysore-570 006, India.

My Ph.D. work is entitled "Comparative characterization of the representative acidic and basic PLA2 from Naja naja naja venom". I am going to submit my Ph.D. thesis to the University of Mysore in May 2006 for the award of Ph.D. degree. Now I am looking for postdoctoral position to continue my research career. During my tenure as a research scholar working for my Ph.D, I was involved in protein purification, characterization and pharmacological studies. This envisaged isolation, purification and characterization of acidic, basic PLA2s, and "three finger toxins" such as a toxic neurotoxin and a cardiotoxin from Indian cobra (Naja naja naja) from southern region of India.

Animal experiments were also carried out to determine lethal dose₅₀, myotoxicity, neurotoxicity and hemorrhagic activity using mice. Mouse paw model for edema inducing activity. We have used frog nerve muscle preparation to determine mode of neurotoxicity induced by neurotoxins. Used cell line such as EAT and leukocyte to determine the target region of three finger toxins. Also raised antibodies (IgY) against venom and toxic components using chick as animal model.

In an inter departmental collaborative work to determine the efficacy of piperazine compounds synthesized in inhibiting acetylcholine esterase in Alzheimer's disease. We have communicated few papers already with respect to the above (Details and publications in CV). Herewith I am enclosing my curriculum vitae (as Microsoft word file, attached) along with the list of reference for your kind perusal. I am interested in joining your research team to continue my research career, if you find me suitable.

Your reply in this regard is highly appreciated.

Thanking you,

Yours sincerely,
Ponnappa.K.C

Work Eligibility: No, I am not currently in possession of a US work permit.