

described by Davis *et al*¹⁰. Albino rats of either sex weighing 150–200 g were administered with the synthesized drugs at a dose of 50 mg/kg body weight i.p. The tail-flick response was noted after 30 and 60 m of drug administration. Student's *t* test was applied for the determination of statistical significance of results (table 1).

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NEWS

JAWAHARLAL NEHRU FELLOWSHIP

The Jawaharlal Nehru Memorial Fund has awarded Fellowships to Prof. N. Mukunda of the Indian Institute of Science, Bangalore and Prof. S. K. Kacker of the All India Institute of Medical Sciences, New Delhi. The Fellowships are tenable for two years and were announced on 26 May 1987, the eve of Jawaharlal Nehru's death anniversary.

Prof. Mukunda has been given the award to pursue research on "The roles and importance of geometry, group theory and topology in problems of optics, mechanics, field theory and extended relativistic systems; and on the foundations of quantum mechanics". He has published over 100 papers in various journals, in the areas of group representation theory relevant for physical problems, classical and quantum dynamics, field theory and theoretical optics. He received the C.S. Bhatnagar Prize for

Physical Sciences in 1980 and is a Fellow of the Indian Academy of Sciences, Bangalore and the Indian National Science Academy, New Delhi. He is also a member of the Editorial Board of *Current Science*.

Prof. Kacker has been given the award to work on the project "Prevention of hearing impairment in rural areas of the country with special reference to prevention of deafness in infants and children". He received the Padmashri in 1986, and earlier the B.C. Roy Award in 1981. He is a Fellow of the National Academy of Medical Sciences. Prof. Kacker, who has been doing research on the problem of deafness for the past 15 years has identified several villages around Delhi and in Haryana for initial study which if it proves effective, will lead to a rational policy on prevention of deafness.
