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***BENINCASA HISPIDA* REVERSED MYELIN DEGENERATION IN
ETHIDIUM BROMIDE INDUCED RAT MODELS**

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Aqueous and methanolic extracts of the fruit of *Benincasa hispida* (Ash gourd) family Cucurbitaceae was studied for their myelin regeneration property against ethidium bromide induced demyelination in Wistar rat. The extracts of *Benincasa hispida* were given at the dose level of 400 mg/kg & 600 mg/kg body weight while 10 µl of ethidium bromide in phosphate buffer solution was administered intracranially to six groups of rats at the concentration of 0.1%. Both the doses of different extracts of *Benincasa hispida* showed a significant activity against myelin degeneration at a dose and time dependent manner. The 600 mg/kg body weight dose of the aqueous extract showed much effective myelin regeneration activity compared to other doses. Hence, the reports established that the aqueous and methanolic extracts of fruit of *Benincasa hispida* could be a therapeutic agent for myelin degenerative disorders.