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- B. . . . : Epileptic seizures are associated with cognitive dysfunctions and antiepileptic drugs (AEDs) have failed to achieve complete seizure control in most epilepsy cases especially in intractable epilepsies.
- ${\bf A}~:$ Omega-3 may have more e cacious anticonvulsant e ects compared with AEDs in the control of seizures and improving cognitive function.
- M . . . : A total of 60 rats divided in to 12-groups of 5 rats each: groups 1 received omega-3 orally, 2 received 0.9% normal saline orally (1 and 2 for the neurobehavioral assessment), 3 received PTZ, 4 received PTZ + omega-3, 5 received PTZ + diazepam, 6 received PTZ + carbamazepine, 7 received PTZ + sodium-valproate (3, 4, 5, 6, 7 for PTZ-induced seizures). 8 received strychnine, 9 received strychnine + omega-3, 10 received diazepofs0.5 l.5 l.ats (c)6 (hnin) PTZ-inef13 ()18 (e)-5 (d di)-5 ((azep)- (o)-8.d109--8.d10d)0.5 (4 Tw -1.109 (eizud[(PTZ-in)4. E (n51 (v)8 1 (1(n)4 y).1 (e co