

Review of: "Impending role of hippocampal neurogenesis in the development of chronic epilepsy following seizures after Kainic acid and Pentylenetetrazol treatment"

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Potential competing interests: No potential competing interests to declare.

The paper underlines two widely used and well-validated models for temporal lobe epilepsy and examines neurodegeneration after administration of kainic acid and PTZ.

The paper looks solid and ready to be published, but I would have several suggestions.

1. Under the "Experimental design and dose schedule," I suggest drawing a diagram of the experimental design.
2. For those rats you kept for 8 weeks after drug administration, did you monitor the animals under video to evaluate seizures? If so, please describe.
3. I would suggest highlighting "Protein Determination," "Electrophoresis and Western Immunoblotting," and "Subcellular fractionation" separately. Provide names and catalogues of the commercially available antibodies.