

Dr.Nima Naderi

Pharm D, PhD Toxicology

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Dr. Naderi's research activities focus on the effects of cannabinoid compounds on a variety of different psychologic and pathophysiologic conditions such as anxiety, depression, seizure and pain and on the synaptic pharmacology of brain regions such as the supraoptic nucleus of the hypothalamus and dentate gyrus of hippocampus. Techniques used:

- Whole cell current and voltage clamp in brain slices (in collaboration with Dr. Fereshteh Motamedi)
- Elevated plus maze test and light-dark test for evaluating anxiety-related behavior of rats and mice
- Pentylenetetrazole and maximal electroshock models of acute seizure in mice, chemical and electrical models of kindling in rats
- Tail flick, hot plate and formalin tests for evaluating the pain related behaviors of animals

