

CURRICULUM VITAE

Family: Baha'addiny Baigy Zarandi

First name: Batool-Faegheh

Degree: Pharm.D., Ph.D. Associate professor

Date of Birth: March 23, 1962.

Married

Work Address: Department of Pharmacology,
School of Medicine, Shiraz University of Medical Sciences,
Shiraz, Iran,

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Education:

1980- 1987: **Doctor of Pharmacy (Pharm. D)** from Esfahan University of Medical Sciences
Esfahan, Iran,

1993-1998: **Doctor of Philosophy degree (PhD)** from Uuniversity of Alberta, Edmonton,
Alberta, Canada,

Professional experience:

1. Esfahan pharmacy school 1987-89 (Lecturer)
2. Kerman pharmacy school 1989-1990 (Lecturer)
3. Shiraz medical school 1998- now (assistant professor)
4. Member of Postgraduate students committee of Shiraz U. of Med. Sci.

Research interest:

1. Screening of herbal extracts and their fractions for antipsychotic, antidepressant, antimorphine, anti-leishmaniasis, anti-salmonella, anti-coronavirus, antiepileptic, and anti-amnesic, anti-autism activity.
2. Mechanisms of drug addiction using microdialysis and voltammetric technique
3. Mechanisms of antipsychotics
4. Developing and evaluation of new animal models of psychosis, multiple sclerosis and malignant hyperthermia
5. Study the effects of repeated transcranial magnetic stimulation (rTMS) in animal models of psychosis and addiction

Skills

- Establishing set up for animal models representing bacterial and viral infections, psychosis, seizures, depression, drug dependence and addiction, memory impairment, multiple sclerosis,
- Stereotaxic technique
- Rat brain dissection
- Mouse muscle dissection
- Microdialysis technique

- Voltammetric technique
- HPLC technique
- rTMS technique
- Isolation and purification of herbal active compounds
- Thin layer chromatography
- Dopamine assay
- Conducting research in clinical pharmacology
- Techniques and methods in drugs formulations

Papers :

1. Alimoradian A., **Baha-aldini B. B.F.** Sajedianfard J., Panjehshahin M.R., Apomorphine effects and heterogeneity in the medial prefrontal cortex on dopaminergic behaviors of rats, IJBMS, 1387
1. Shahriary H., **Baha-aldin Bagi B.F.**, Ersali A.A., Rahmani M., Anticonvulsant activity of flowered aerial parts of *lavandula officinalis* in two animal models of convulsion. IJBMS, 8(3): 172-178, 1384.
2. Bahmanpour S., **Bahaadinie F.**, Jafarian A., Akhondi F., A comparison between osteogenic index, gross and skeletal abnormalities in the embryo of treated mice with herbal *lavandula officinalis* and those with chemical phenytoin antiepileptic drugs, J. Appl. Anim. Res. 33: 85-88, 2008.
3. 4. K.H. Choi, **B. Zarandi**, K.G. Todd, A.M. Biondo, A.J. Greenshaw, Original investigation: Effects of AMPA/kainate receptor blockade on responses to dopamine receptor agonists in the core and shell of the rat nucleus accumbens. *psychopharmacology*, 2000, 150(1): 102-111.
4. Faegheh Bahaaldini Beigi Zarandi, Mojtaba Farjam, Shirin Farjadian, Ali Alizadeh Correlation between Neurological Deficits and Spinal Cord Pathological Changes in a Mouse Model of Multiple Sclerosis. *Iranian Journal of Science and Technology (Sciences)*
5. فائقه بهالدينى بيگى زرندى ، راضيه تقى زاده سروسنتى ، سرور اينانلو ، بررسى تاثير ماهى و خيار بر روى آستانه تشنج در موش هاى آزمايشگاهى، مجله طب سنتى اسلام و ايران ، دوره 6, شماره 2 - تابستان 1394
6. Baha'addini Beigi Zarandi F, Fahmideh M H, Eskandari M, Jarrahpour A A. Antidepressant effect and toxicity of a new morpholino betalactam compound in male mice. *Physiol Pharmacol.* 2014; 18 (2) :190-203.
7. Baha'addini Beigi Zarandi, F., Geramizadeh, B., Farjam, M., Farjadian, S., Alizadeh, A. Correlation between Neurological Deficits and Spinal Cord Pathological Changes in a Mouse Model of Multiple Sclerosis. *Iranian Journal of Science and Technology (Sciences)*, 2015; 3186.
8. Vakilinezhad MA, Amini A, Akbari Javar H, Baha'addini Beigi Zarandi BF, Montaseri H, Dinarvand R Nicotinamide loaded functionalized solid lipid nanoparticles improves cognition in Alzheimer's disease animal model by reducing Tau hyperphosphorylation. *Daru : Journal of Faculty of Pharmacy, Tehran University of Medical Sciences*, 2018, 26(2):165-177.