

My curriculum vitae:

First name: Ladan

Surname: Vaghef

Date of birth: 26, 02, 1976

Place of birth: Khoy, Iran

Sex: female

Nationality: Iranian

Marital status: Married

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Phone: +98-9144069787

Languages:

Azari: native

Persian: fluent

English: In order to qualify English language skills of the Iranian graduate students, two formal

English exam are hold in Iran by the Ministry of Culture and Higher Education (Tolimo And MCHE), seasonally. I managed to get scores of 57 in the MCHE and 558 in Tolimo Exams, while a scaled score of 50 or higher (of a possible 100) is a passing score for MCHE

And scaled score of 500 or higher is a passing score for Tolimo exam.

Education:

PhD: in Cognitive neuroscience - Tabriz University, Tabriz, Iran

MSc: in Physiology-Tabriz university of Medical Sciences, Tabriz, Iran

** I hold an MSc with distinction in physiology.*

BSc: in psychology - Payame Noor University of Tabriz, Tabriz, Iran

BSc: in Biology (zoology) - Esfahan University, Esfahan, Iran

PhD Theses title:

Effect of treadmill exercise on spatial memory and passive avoidance learning in
The combined consumption of alcohol and methamphetamines in male rats

MSc Theses title:

Effect of exercise on carotid baroreflex sensitivity in young female athletes in
Comparison with non-athletes.

Specialized courses:

MSc: Cellular Physiology, Cardiovascular Physiology, Respiratory Physiology, Nervous System

Physiology, Gastrointestinal Physiology, Special Senses Physiology, Renal Physiology, Endocrine Physiology, Biophysics, Pharmacology, Statistical methods.

PhD: Artificial intelligence, Artificial neural networks, Neural signals processing, Advanced Neuroscience, Mind and cognition, Cognitive disorders, Research Projects.

Applicable Skills:

Teaching: Nervous System & Endocrine Physiology, Brain & Nervous system Physiology, Foundations of Cognitive Science, Cognitive Psychology, Psychology of Sensation and Perception, Psychology of Learning, Experimental psychology, Foundations of Genetics. From 2002 to 2011 I taught theoretical and practical physiology for Medical Engineering undergraduate students and medical students at “Tabriz Azad University”.

Experimental experience: Neurofeedback, Transcranial Direct Current Stimulation (tDCS) Functional Magnetic Resonance Imaging (fMRI) Warm-water tail withdrawal (rats), Invivo microdialysis (rats), Self-administration (rats), Injections (i.p., S.c., i.m.), Behavioral tests, Blood collections and injections (rats)

Computer skills: Word, Excel, SPSS, EndNote, MATLAB and C++, PowerPoint.

Publications:

Vaghef, L., & Gharamaleki, H. B. (2016). Effects of Physical Activity and Ginkgo Biloba on Cognitive Function and Oxidative Stress Modulation in Ischemic Rats. *International Journal of Angiology*.

Vaghef, L., & Babri, S. (2014). The effect of escalating dose, multiple binge methamphetamine regimen and alcohol combination on spatial memory and oxidative stress markers in rat brain. *Journal of Alcoholism & Drug Dependence*.

Abadi, T. H. N., Vaghef, L., Babri, S., Mahmood-Alilo, M., & Beirami, M. (2013). Effects of different exercise protocols on ethanol-induced spatial memory impairment in adult male rats. *Alcohol*, 47(4), 309-316.

Khamnei S., Salimi Khaligh H., Ghandchilar N. & Vaghef L. (1377). Position effect on carotid baroreflex in young female athletes in comparison with non-athletes.” *Medical Journal of Tabriz University of Medical Sciences & Health services*, 32(37).

L.Vaghef and M.Moghadam-Vahed. “Comparison of neuroprotective effects of exercise and Ginkgo biloba on Ischemia-induced Spatial Memory impairment.” (*under review*)

L.Vaghef, S. Babri, M. Moghadam-Vahed. Effect of treadmill exercise training and chronic Methamphetamine consumption on spatial learning and memory and body weight in

Adult

Male Rats. (*Under review*)

Conference Papers:

“The role of executive functions in children with learning disorders.” Paper presented at the 3th National Conference on strategies for development and promotion of Psychology, Counselling and Training in Iran, 2016. Tehran, Iran.

“The Consequences of Child Abuse and Its Prevention Strategies.” Paper presented at the 3th National Conference on strategies for development and promotion of Psychology, Counselling and Training in Iran, 2016. Tehran, Iran.

“Effects of Crocus sativus on spatial memory, passive avoidance and oxidative stress in rats Exposed to ischemia-reperfusion.” 4th International Congress on Basic and Clinical Neuroscience, 2015. Tehran, Iran.

“Post-ischemic administration of ginkgo more effectively than preischemic administration Prevented repeated ischemia-induced memory deficits.” 4th International Congress on Basic And Clinical Neuroscience, 2015. Tehran, Iran.

“Effects of Forced Exercise and Ginkgo Biloba Extract on cognition deficits and oxidative damage Induced by Transient Global cerebral ischemia.” Paper presented at the 6th International Conference of Cognitive Science, 2015. Tehran, Iran.

“Effect of Exercise on Learning and Memory Impairments associated with Methamphetamine and/or Alcohol exposure in Rats.” Paper presented at the 6th International Conference of Cognitive Science, 2015. Tehran, Iran.

“Comparison of Pre-ischemic Administration of Ginkgo Biloba and Exercise Training on Ischemia-Induced learning and Memory Deficits and Hippocampal Oxidative Stress in adult Rats.” Paper Presented at the 3th International Congress on Basic and Clinical Neuroscience, 2014. Tehran, Iran.

“Effect of Treadmill Running on Cognitive Function and Hippocampal Oxidative stress in Rats Exposed to Chronic Methamphetamine.” Paper presented at the 3th International Congress on Basic and Clinical Neuroscience, 2014. Tehran, Iran.

“The Effect of Escalating Dose, Multiple Binge Methamphetamine Regimen, and Alcohol

Combination on Spatial Memory and Oxidative Stress Markers in Rat Brain.” Paper presented At the 8th International Congress on Addiction Science, 2014. Tehran, Iran.

“Effects of Different Treadmill Running protocols on Ethanol-Induced Spatial Memory Impairment in Adult Rats.” Paper presented at the 8th International Congress on Addiction Science, 2014. Tehran, Iran.

Research Experiences:

Effect of Cerebrolysin on spatial memory and oxidative stress following chronic alcohol Consumption in male rats.

Effect of treadmill running on oxidative stress in hippocampus during alcohol Consumption combined methamphetamine in male rats.

Investigation of treadmill exercise effect on passive avoidance and spatial memory During alcohol consumption combined with methamphetamine in rats.