



عزت اله فتحی نورولو

استاد

دانشکده: دامپزشکی



سوابق تحصیلی

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اطلاعات استخدامی

| محل خدمت | عنوان سمت | نوع استخدام | نوع همکاری | پایه |
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سوابق اجرایی

مشاور فرهنگی دانشگاه تبریز در امور خوابگاه ها
عضو کارگروه جذب علوم درمانگاهی
معاون پژوهشی دانشکده دامپزشکی
عضو شورای مشورתי بسیج اساتید دانشگاه

موضوعات تدریس تخصصی

کلینیکال پاتولوژی دامپزشکی

بیوشیمی بالینی

زبان تخصصی

بیوشیمی هورمون

بیوشیمی تغذیه

زمينه های تدریس

هماتولوژی

بيوشیمی بالینی

کلینیکال پاتولوژی

مقالات در نشریات

1. Sheikhzadeh N و ساير، Effects of Eucalyptus globules labill essential oil on some immunological variables of common carp (Cyprinus carpio). Journal of Veterinary Research. ۲۰۱۹.
۲. Fathi E , Mohammadi G , Farahzadi R , Mohri M. Identifying relationships among acute phase proteins (Hp and Fb), albumin and clinical findings in dairy calf pneumonia. Journal of Veterinary Research. ۲۰۰۹.
3. Fathi E et al., Induction of angiogenesis via topical delivery of basic-fibroblast growth factor from polyvinyl alcohol–dextran blend hydrogel in an ovine model of acute myocardial infarction. Journal of tissue engineering and regenerative medicine., Journal of tissue engineering and regenerative medicine, Sep-2013.
4. Fathi E , Vandghanooni S , Montazersaheb S , Farahzadi R, Mesenchymal stem cells promote caspase-3 expression of SH-SY5Y neuroblastoma cells via reducing telomerase activity and telomere length, Iranian Journal of Basic Medical Sciences, Nov-2021.
5. Fathi E , Valipour B , Vietor I , Farahzadi R, An overview of the myocardial regeneration potential of cardiac c-Kit+ progenitor cells via PI3K and MAPK signaling pathways, Future Cardiology, May-2020.
6. A general view of CD33+ leukemic stem cells and CAR-T cells as interesting targets in acute myeloblastic leukemia therapy, Blood research, Mar-2020.
7. L-carnitine significantly decreased aging of rat adipose tissue-derived mesenchymal stem cells, Veterinary research communications, Mar-2017.
8. Interleukin-6, -8, and TGF- β secreted from mesenchymal stem cells show functional role in reduction of telomerase activity of leukemia cell via Wnt5a/ β -catenin and P53 pathways, Advanced pharmaceutical bulletin, Jun-2020.
9. Ahmadi et al., Comparison of selected biochemical parameters between naturally infected and non-infected goats with Anaplasma ovis, Comparative Clinical Pathology, July-2014.
10. Fathi E ,& Sharifi H, Haemobartonella felis in Tehran: follow-up, diagnosis, prevalence, clinical importance, laboratory evaluation, prognosis, and treatment of 23 infected cats (2003–2007), Comparative Clinical Pathology, Jul-2010.
11. Fathi E , Hamali H , Kaleibar MT , Farahzadi R, Application of acute phase proteins as indicators of retained placenta and their relation to energy metabolites in postcalving dairy cows, Comparative Clinical Pathology, Jan-2015.
12. Fathi E , Farahzadi R , Imani M, Approach to treatment of bronchopneumonia by evaluation of selected acute-phase proteins in calf herds, Comparative Clinical Pathology, Jan-2013.

Fathi E , Atyabi N , Nassiri SM , Nejati A,Follow-up examination in a cat with .13
.hypereosinophilic syndrome: case report,Comparative Clinical Pathology,Feb-2010

Fathi E , Farahzadi R , Javanmardi S , Vietor I,L-carnitine extends the telomere length of the .14
.cardiac differentiated CD117+-expressing stem cells,Tissue and Cell,Dec-2020

Fathi E , Farahzadi R , Vietor I , Javanmardi S,Cardiac differentiation of bone-marrowresident .15
c-kit+ stem cells by L-carnitine increases through secretion of VEGF, IL6, IGF-1, and TGF- β as
.clinical agents in cardiac regeneration,Journal of biosciences,Dec-2020

Fathi E , Valipour B , Farahzadi R,Targeting the proliferation inhibition of chronic myeloid .16
leukemia cells by bone marrow derived-mesenchymal stem cells via ERK pathway as a
.therapeutic strategy,Acta Medica Iranica,Aug-2020

Fathi E ,& Farahzadi R,Zinc sulphate mediates the stimulation of cell proliferation of rat .17
adipose tissue-derived mesenchymal stem cells under high intensity of EMF exposure.,Biological
.trace element research,Aug-2018

Effect of Rat Bone Marrow Derived-Mesenchymal Stem Cells on Granulocyte Differentiation .18
.of Mononuclear Cells as Preclinical Agent in Cell based Therapy,Current Gene Therapy,Apr-2022

Fathi E , Farahzadi R , Valipour B,Alginate/gelatin encapsulation promotes NK cells .19
differentiation potential of bone marrow resident C-kit+ hematopoietic stem cells,International
.Journal of Biological Macromolecules,pp. 317-27,Apr-2021

Farahzadi R , Fathi E* , Vietor I,Mesenchymal stem cells could be considered as a candidate .20
for further studies in cell-based therapy of Alzheimer's disease via targeting the signaling
.pathways,ACS chemical neuroscience,Apr-2020

Pirmoradi S et al.,Curcumin affects adipose tissue-derived mesenchymal stem cell aging .21
through TERT gene expression,Drug Research,Apr-2018

Acute erythroid leukemia with multilineage dysplasia in a cat,The Canadian Veterinary .22
.Journal.,Apr-2011

Fathi E ,& Farhzadi R,Survey on impact of trace elements (Cu, Se AND Zn) on veterinary and .23
.human mesenchymal stem cells,Rom J Biochem,2105

Fathi E et al.,L-carnitine reduced cellular aging of bone marrow resident C-kit+ hematopoietic .24
stem cells through telomere dependent pathways.,Current Stem Cell Research &
.Therapy,2022/05/11

Montazersaheb S , Ehsani A , Fathi E , Farahzadi R,Cellular and Molecular Mechanisms .25
Involved in Hematopoietic Stem Cell Aging as a Clinical Prospect,Oxidative Medicine and Cellular
.Longevity,2022/04/01

The Potential of Graphene Oxide and Reduced Graphene Oxide in Diagnosis and Treatment .26
.of Cancer,Current Medicinal Chemistry,2022

An Overview of Autophagy in Hematopoietic Stem Cell Transplantation,Frontiers in .27
.Bioengineering and Biotechnology,2022

Fathi E, Montazersaheb S, Vandghanooni S, Farahzadi R, Vietor I,Adipose .28
TissueMesenchymal Stem Cells Caused to Change the Methylation Status of hTERT
GenePromoter CpG Islands of Molt-4 Leukemia Cells as Cell-based Therapy,Current Molecular
.Medicine,2022

Fathi E ,& Farahzadi R,Mesenchymal Stem Cells as a Cell-Based Therapeutic Strategy .29
Targeting the Telomerase Activity of KG1 Acute Myeloid Leukemia Cell,Acta Medica Iranica,pp.
.71,2022

Adibkia K et al.,Silver nanoparticles induce the cardiomyogenic differentiation of bone .30
marrow derived mesenchymal stem cells via telomere length extension,Beilstein Journal of
.Nanotechnology,2021/08/02

Montazersaheb S , Fathi E , Farahzadi R,Cytokines and signaling pathways involved in .31
differentiation potential of hematopoietic stem cells towards natural killer cells,Tissue and
.Cell,2021/06/01

- Fathi E , Farahzadi R , Montazersaheb S , Bagheri Y,Epigenetic Modifications in Acute .32
Lymphoblastic Leukemia: From Cellular Mechanisms to Therapeutics,Current Gene
.Therapy,2021/02/01
- Heidari HR et al.,Mesenchymal stem cells cause telomere length reduction of molt-4 cells via .33
caspase- 3, BAD and P53 apoptotic pathway.,International Journal of Molecular and Cellular
.Medicine,2021
- Fathi E , Pashutan MK , Farahzadi R , Charoudeh HN,L-carnitine in a certain concentration .34
increases expression of cell surface marker CD34 and apoptosis in the rat bone marrow CD34+
.hematopoietic stem cells,Iranian Journal of Veterinary Research,2021
- Fathi E Sanaat Z ,& Farahzadi R,Mesenchymal stem cells in acute myeloid leukemia: a focus .35
.on mechanisms involved and therapeutic concepts,Blood research,2019/09/01
- Fathi E , Farahzadi R , Valipour B , Sanaat Z,Cytokines secreted from bone marrow derived .36
mesenchymal stem cells promote apoptosis and change cell cycle distribution of K562 cell line
.as clinical agent in cell transplantation,PloS one,2019/04/22
- Fathi E , Farahzadi R , Sheikhzadeh N,Immunophenotypic characterization, multi-lineage .37
differentiation and aging of zebrafish heart and liver tissue-derived mesenchymal stemcells as a
.novel approach in stem cell-based therapy,Tissue and Cell,2019/04/01
- Fathi E , Charoudeh HN , Sanaat Z , Farahzadi R,Telomere shortening as a hallmark of stem .38
.cell senescence,Stem cell investigation,2019
- Rajabzadeh N , Fathi E* , Farahzadi R,Stem cell-based regenerative medicine,Stem cell .39
.investigation,2019
- Anti-aging protective effect of Lcarnitine as clinical agent in regenerative medicine through .40
increasing telomerase activity and change in the hTERT promoter CpG island methylation status
.of adipose tissue-derived mesenchymal stem cells,Tissue and Cell,2018/10/01
- Zinc sulfate contributes to promote telomere length extension via increasing telomerase .41
gene expression, telomerase activity and change in the TERT gene promoter CpG island
.methylation status of human adipose-derived mesenchymal stem cells,PloS one,2017/11/16
- Fathi E ,& Farahzadi R,Enhancement of osteogenic differentiation of rat adipose .42
tissue-derived mesenchymal stem cells by zinc sulphate under electromagnetic field via the PKA,
.ERK1/2 and Wnt/ β -catenin signaling pathways,PloS one,2017/03/24
- Fathi E , Farahzadi R , Charoudeh HN,L-carnitine contributes to enhancement of neurogenesis .43
from mesenchymal stem cells through Wnt/ β -catenin and PKA pathway,Experimental Biology
.and Medicine,2017/03/17
- Rat adipose-derived mesenchymal stem cells aging reduction by zinc sulfate under extremely .44
low frequency electromagnetic field exposure is associated with increased telomerase reverse
.transcriptase gene expression,Veterinary research forum,2017
- L-carnitine effectively induces hTERT gene expression of human adipose tissue-derived .45
mesenchymal stem cells obtained from the aged subjects,International journal of stem
.cells,2016/05/30
- Fathi E* ,& Farahzadi R,Isolation, culturing, characterization and aging of adipose .46
tissue-derived mesenchymal stem cells: a brief overview,Brazilian Archives of Biology and
.Technology,2016/03/08
- A mini overview of isolation, characterization and application of amniotic fluid stem .47
.cells,International journal of stem cells,2015/11/30
- Fathi E ,& Jamshidi S,Follow-up, diagnosis, clinical evidence, laboratory evaluation, and .48
treatment of idiopathic thrombocytopenia using human intravenous immunoglobulin in a Terrier
.dog,Iranian Journal of Veterinary Science and Technology,2014
- Kaleibar MT , Helan JA , Fathi E,Occurrence of congenital cerebral theileriosis in a newborn .49
.twin Holstein calf in Iran: Case report,Veterinary research forum,2014
- Fathi E , Atyabi N , Imani M , Alinejad Z,Physically crosslinked polyvinyl alcohol–dextran .50

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۱. Identify relationship among some microelements (Cu, Mn, Zn, Fe, Se) and serum enzymes with abortion in dairy cattle
 ۲. Investigating relationship among some hemostasis (Na, K, Ca, Cl) and hematological indices in aborted dairy cattle