CONTACT

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Current Position

Associate Professor in Anatomy

Education

Grade	University	Country
B.Sc.	Nursing, Ilam University of Medical Science, 1998	***Iran***
M.Sc.	Anatomy, Ilam University of Medical Science,2010	***Iran***
PHD	Anatomy, Iran University of Medical Science,2013	***Iran***

Research in Process:

Studying the effect of epigallocatechin gallate on spermatogonial proliferation markers and antioxidant enzyme activity in testicular tissue of mice treated with busulfan

Thesis

Investigation the role of CXCL12/CXCR4 chemokines in burn wound healing by co-admininistration of hair follicle stem cells and simvastatint
Investigation the effects of rosiglitazone and epigallocatechin gallate (EGCG) on PGC-1α gene expression in insulin-resistant C2C12 muscle cell line in the presence and absence of palmitate

Teachings:

1. ***Anatomy of upper and lower limbs for medical student***
2. ***Anatomy of special scenes for medical students***
3. ***Introduction of Anatomy for medical students***
4. ***Anatomy of endocrine system for medical students***
5. ***Anatomy for Nursing, Midwifery, Public health, Dentist, Anesthesia, and other students***
6. ***Histology and Embryology for medical science students***

Scientific profiles

ScopusProfile :

https://www.scopus.com/authid/detail.uri?authorId=56600233800

Google scholar :

Research Gate : https://www.researchgate.net/profile/Azar-Babakhani

ORCID Page: https://orcid.org/0000-0001-5787-2967

ISID Profile : https://isid.research.ac.ir/Azar_Babakhani

Publications

Translation of Gray's upper & lower limbs anatomy for students (2024)
Writing of Anatomy 1 for midwifery student s (2012)
Writing of Anatomy 2 for midwifery students (2012)
Writing of basic Anatomy for public health students (2012)

Membership

Member of Iranian association of Anatomical Sciences

Papers

Full Articles:

1. *Melatonin in cryopreservation media improves transplantation efficiency of frozen-thawed spermatogonial stem cells into testes of azoospermic mice. Shokoofeh Kazemzadeh,Shahram Mohammadpour, Soheila Maddadi,Azar Babakhani, Maryam Shabani, Maryam Khanzad. Journal of stem cell research & therapy(2022),13:346*
2. *Investigating the effects of rosiglitazone and epigallocatechin -3-gallate on palmitate-induced insulin resistant C2C12 skeletal muscle cells. S.bakhtiyary, A.babakhani, K.haghani(2015), Iranian journal of endocrinology and metabolism:52-63*
3. *Epidemiology and severity of burn in children: a study in Ilam(2015-2019). Esmael Ghaderi, Nargess Jallilian, Paria Hashemi, Shokoofeh Kazemzadeh, Azar Babakhani (2024).journal of basic research in medical science:14-21*
4. *Simvastatin combined with bone marrow mesenchymal stromal cells (BMSCS) improved burn wound healing by ameliorating angiogenesis through SDF-1α /CXCR4 pathway. Javad Mohajer Ansari,Parsia Ramhormozi,Ronak Shabani, Hamidreza Pazoki-Toroudi, Abazar Yari,Mahmood Barati, Mostafa Dahmardehei, Azar Babakhani, Maliheh Nobakht(2019). Iranian journal of basic medical sciences :751-759*

5. ***In vitro differentiation of hair fpllicle stem cell intokeratinocyte by simvastatin. Azar Babakhani, Paria Hashemi, Javad Mohajer Ansari,Parisa Ramhormozi, ,Maliheh Nobakht(2018),Iranian biomedical journal:404-4011***

6. ***Effects of hair follicle stem cells on partial-thickness burn wound healing and tensile strength. Azar Babakhani, Maliheh Nobakht, Hamidreza Pazoki-Toroudi,Mostafa Dahmardehei, Paria Hashemi, Javad Mohajer Ansari, Parisa Ramhormozi, Abazar Yari, Fatemeh Heidari(2019),Iranian biomedical journal***

7. ***Simvastatin accelerates the healing process of burn wound healing in wistar rats throught AKT/mTOR signaling pathway. Parisa Ramhormozi, Javad Mohajer Ansari, Sara Simorgh,Hamid Reza Asgari,Mohammad Najafi, Mahmood Barati, Azar Babakhani,Maliheh Nobakht(2020),annals of anatomy***

8. ***Rosiglitazone,but not epigallocatechin-3-gallate, attenuates the decrease in PGC-1α protein levels in palmitate-induced insulin-resistant C2C12 cells. Mohammad Hassan Karimfar, Karimeh Haghani, Azar Babakhani, Salar Bakhtiyari(2015)***