

Curriculum Vitae (CV)



Personal Information:

Name	Surname	Date of Birth	Nationality	Gender		Marital Status	Academic Rank	Scientific Basis
				Male	Female			
SEYED ESMAEIL	SAFAVI KHALKHALI	1971	Iranian	*		MARRIED	Assistant Professor	Basic Science

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Educational Background: (last one first)

Degree	Field of Specialization	Name of Institution	City	Country	Date Received
Ph.D	Anatomy and Histology	Urmia University	Urmia	IRAN	2007
D.V.M	Veterinary	Tabriz branch, Islamic Azad university	Tabriz	IRAN	1996

Master Thesis: Study of the incidence of sheep theileriosis in Tabriz

Ph. D. Thesis: Histomorphometrical and histochemical study of testis in experimental unilateral cryptorchidism in adult rat

Administrative Positions:

Job Title	Place of work	Date		Name of Institution
		From	To	
Academic staff member	TABRIZ	1999	-----	Islamic Azad University(IAUT)
Vice Chancellor for Education	sardroud	2010	2012	Islamic Azad University(IAUT)
Head of Biotechnology Research Center	TABRIZ	2018	-----	Islamic Azad University(IAUT)
Head of the Department of Basic Sciences	TABRIZ	2012	2016	Islamic Azad University(IAUT)
Member of the Research Council	TABRIZ	2013	2015	Islamic Azad University(IAUT)

Head of Anatomy Department	TABRIZ	2016	2017	Islamic Azad University(IAUT)
Member of the Laser Committee on Infertility of the Biophotonic Research Center	TABRIZ	2020	-----	Islamic Azad University(IAUT)
Member of the Department of Basic Sciences	TABRIZ	2014	-----	Islamic Azad University(IAUT)
Cooperation in covid-19 kit design research project with Infectious and Tropical Diseases Research Center of Tabriz university of medical sciences	TABRIZ	2020	2022	Islamic Azad University(IAUT)
CEO of pharmaceutical and chemical	Based on Tabriz Health Acceleration Center and Technology Units and ARAS free trade & industrial zone	2019	-----	Zist Yakhte Darou Gostare Aras Company
member of pharmaceutical and chemical (knowledge Base)	TABRIZ and ARAS free trade & industrial zone	2014	-----	AZAR TEB DARU ARAS

Publications: (books)

Title	Type of Work		Publisher	Date
	Translation	Compilation		
Theoretical foundations and laboratory methods of cell culture		*	IAUT	2021

Publications: (papers)

Title of the Article	Journal	Date
The effect of saffron orally administration on spermatogenesis index in rat	Adv Environ Biol 5 (7)	2011
Histological and chemical evaluation of frauds in ground meat used for kebab in Tabriz	JOURNAL OF FOOD HYGIENE	2016
Comparative survey of testosterone enanthate and nandrolonedecanoate administration on the number and function of sperms in Rat	Bull Env Pharmacol Life Sci.	2013

Effect of Saffron on histomorphometric changes of testicular tissue in Rat	American Journal of Animal and Veterinary Sciences	2011
Histological and spermatogenesis indexes study of testis after Methotrexate administration in adult male rat	ournal of Birjand University of Medical Sciences	2009
Effects of methotrexate administration on testis histomorphometrical features of rats	Hormozgan Medical Journal	2010
The role of circadian genes in the pathogenesis of colorectal cancer	gene	2021
Drug repurposing for coronavirus (SARS-CoV-2) based on gene co-expression network analysis	Scientific reports	2021
Synthesis of Zn metal–organic framework doped magnetic graphene oxide for preconcentration and extraction of cefixime followed by its measurement using HPLC	Microchemical Journal	2021
Study of the effect of pioglitazone on testicular function after scrotal heat induced shock in the rat	Veterinary Clinical Pathology	2015
Histologic and histomorphometric study of epididymis after immobilization stress in mice	Veterinary Clinical Pathology	2013
Evaluating orally administration of aquatic extract of saffron (Crocus Sativus L.) on histomorphometric changes of testicular tissue in stress induced rats	International Journal of Fertility & Sterility	2013
Effect Of Growth Hormone On Histomorphometerical Parameters Of Testis After Methotrexate Administration In Rat	Journal of veterinary Microbiology	2010
The Effect Of Ketoconazol Chronic Administration On Histomorphometric Changes Of Testicular Tissue In Mice	Journal of large animal clinical science research	2009
Effect of Coenzyme Q10 on testicular tissue after correction of experimental cryptorchidism in rat	Veterinary Clinical Pathology	2020
A Study of Ginseng Effects on Spermatogenesis Multiplications (TDI, RI, SI) Proceeding Scrotal Heat Shock Induction in Rat	Journal of Pharmaceutical Research International	2018
The effects of Oleoreupien on prostate and seminal vesicle tissues in streptozotocin induced diabetic rats	Veterinary Clinical Pathology	2019
Effect of Alcoholic Euphorbia Cyparissias Extract on Histologic Alternation in Prostate and Seminal Vesicle in Diabetic Model	Journal of Mazandaran University of Medical Sciences	2018

Study of effect of Ginseng on testicular tissue after Orchidopexy operation in immature rat	Journal of Comparative Pathobiology	2017
The effect of oxytetracycline on the amount of calcium and phosphorus of blood and density of bone tissue in broiler chickens	Veterinary Clinical Pathology	2016
Comparative Survey of Testosterone Enanthate and Nandrolonedecanoate Administration on the Number and Function of Sperms in rat	Bulletin of Environment, Pharmacology and Life Sciences	2013
Study of the antimicrobial effects of condition medium from umbilical cord stem cells	Journal of Veterinary Microbiology	2021
Effect of Human Mesenchymal Stem Cell-Conditioned Medium on Oxidative Stress Induced by Carbon Tetrachloride in the Liver Tissue of Rats	Journal of Guilan University of . Medical Science	2023
Assessment the Effect of Human Umbilical Cord Wharton's Jelly Stem Cells on the Expression of Homing Genes: CXCR4 and VLA-4 in Cell Line of Prostate Cancer	International Journal of Hematology-Oncology and Stem Cell Research	2022
The effects of low-power laser on the promotion of spermatogenesis in a mouse model of azoospermia (in-vivo)	International Journal of Biophotonics and Biomedical Engineering (IJBBE)	2022

Membership to scientific associations:

Name of Institution /Association	Country	Date
East Azarbaijan ,Science and technology Park	IRAN	2014
The Iranian Association of Veterinary Anatomical Sciences (IAVAS)	IRAN	2021

Skill Highlights

- Skills in cell culture techniques (cultures of Stem cells, Cancer cells and 3D culture).
- Design of research kits
- Skills in PCR / Real-time PCR
- Skills in histology techniques

Other Skills and Specialties:

Computer:

- Word
- Excel
- Power point
- Photoshop
- Oligo7
- Gene Runner
- Primer 3

Languages:

- **Azeri** (Native)
- **Persian** (Native)
- **Turkish** (Moderate)
- **Arabic** (Native)
- **English** (Moderate)

Research Interests:

- **Development embryology**
- **Stem cell**
- **Infertility**
- **Tissue Engineering**