

## CURRICULUM VITAE



**Full Name:** Morteza Alizadeh, PhD

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**Phone:** 09016392624

### **Education:**

<b>Institution</b>	<b>Degree</b>	<b>Year</b>
• Shahrekord University of Medical Sciences	PhD in Tissue Engineering	2016-2020
• Azad Islamic university since &Research camp	M.S in Histology	2010-2012
• Azad Islamic university since &Research camp	B.S in laboratory sciences	2003-2005
• Azad Islamic university since &Research camp	A.D veterinary	2001-2003

### **Professional Academic Experience:**

Teacher. k-maragheh.tvu.ac.ir	2013-2015
Assistant Professor of Tissue Engineering	2020

### **Professional Commercial / Industrial Experience:**

• Employee	Atiye sazan insurance company	2005-2007
• Service man	Aseman rayaneh	2012-2016

### **Research Projects:**

2018 Design, construction and evaluation of biocompatibility and efficacy of a scaffold containing brain electrodes (2818) .

2012 evaluation of collagen fibers synthesis due to healing effect of 3 percent ethanolic Turmeric extract on skin wound on rats.

### **Development Activities:**

- Tissue Engineering Laboratory, SKUMS(2016-2018)

### **Teaching:**

- **Genetics** Theoretical (8 Credit ) & Practical (16 Credit)
- **Genetics & Breeding** Theoretical (2 Credit )
- **Seminar** Theoretical (1 Credit )

### **Publications:**

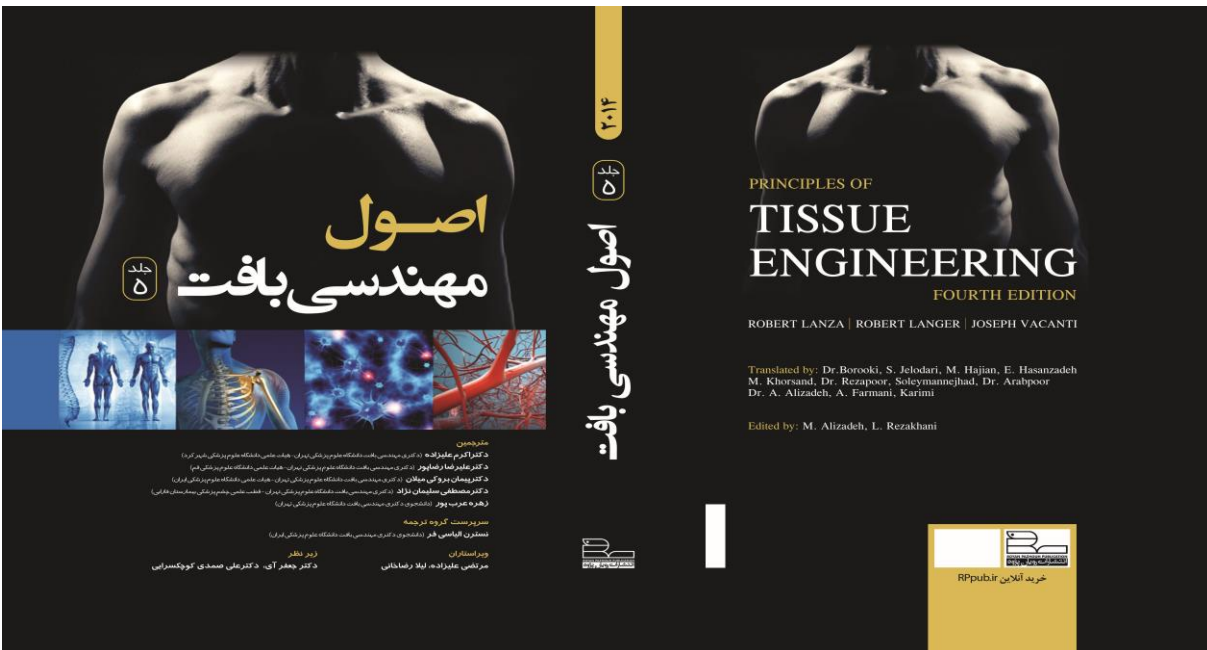
#### **Papers:**

- 1- Isolation and characterization of crab hemolymph exosomes for breast cancer therapeutics. Tissue and cell (2020).
- 2- Antiproliferative Effects of Fresh Water crab hemolymph and Meat Extract on Breast Cancer Cell Line. Jskums journal (2020).
- 3- Design of a Multi-epitope Vaccine against SARS-CoV-2 using Immunoinformatics approach. Sanami S, Zandi M, Pourhossein B, Mobini GR, Safaei M, Abed A, Arvejeh PM, Chermahini FA, **Alizadeh M (corresponding author)**. International Journal of Biological Macromolecules. 2020 Jul 15.
- 4- Characterization of decellularized ovine pericardium for skin tissue engineering. Jskums journal (2020).
- 5- Evaluation of vacuum washing in the removal of SDS from decellularized bovine pericardium: method and device description M Alizadeh, L Rezakhani, M Soleimannejad, E Sharifi, M Anjomshoa, Heliyon 5 (8), e02253
- 6- Post-Market Surveillance Study of a Skull Flap Fixation Device: Cranfixerfixer SR Ghodsi, H Esmaili Dezaki, M Alizadeh, Z Namazi Iranian Journal of Neurosurgery 5 (2), 0-1(2019).

- 7- Evaluation of The Effects of Vacuum on microstructure and biocompatibility of Bovine Decellularized Pericardium (submitted 2020).
- 8- An Overview on Plants and Natural Products with Anti-Cancer Effects. Rezakhani, P Mirzapour, A Alizadeh, MR Khazaei, M Alizadeh, , Pathobiology Research, 2018, 21(3).
- 9- An Overview on Tissue Engineered Models for Cancer Study Leila Rezakhani, Morteza Alizadeh, Akram Alizadeh Cellular and Molecular Research Center, Basic Health Sciences Institute, Shahrekord University of Medical Sciences, Shahrekord, Iran Received: 15 November 2017/ Accepted: 2 January 2018

### Books:





اصول مهندسی بافت  
 مترجم و ویراستار  
 چاپ شده  
 جلد ۱-۵

آشنایی و مهارت‌های کار با

# حیوانات آزمایشگاهی

خرگوش و خوکچه هندی

چاپ دوم



تألیف:

دکتر اکرم علیزاده (عضو هیئت علمی دانشگاه علوم پزشکی شهرکرد)

دکتر منصوره سلیمانی (عضو هیئت علمی دانشگاه علوم پزشکی ابرار)

دکتر مجید کاتبی (عضو هیئت علمی دانشگاه علوم پزشکی هرمزگان)

مرتضی علیزاده (دانشجوی دکتری تخصصی مهندسی بافت)

# مدل‌های موشی سرطان

روش‌ها و پروتکل‌ها



مترجمین:

دکتر اکرم علیزاده، دکتر ثریا قاسمی، دکتر یگانه خسرویان  
اعضای هیأت علمی دانشگاه علوم پزشکی شهرکرد

لیلا رضاخانی، مرثی علیزاده

دانشجویان دکتری تخصصی مهندسی بافت دانشگاه علوم پزشکی شهرکرد

فاطمه امینی جرمهینی

دانشجوی کارشناسی ارشد بیوتکنولوژی دانشگاه علوم پزشکی شهرکرد

**Abstracts:**

- 1- Leila Reza khani, **Morteza Alizadeh**, Esmaeel Sharifi, Akram Alizadeh, Properties And Application (Chitin - Chitosan) In Tissue Engineering And Others, 3<sup>rd</sup> International Conference On Researches In Science & Engineering, 2017, Kasem Bundit University, Bangkok, Thailand
- 2- Leila Reza khani, **Morteza Alizadeh**, Akram Alizadeh, Esmaeel Sharifi, Cancer And Tissue Engineering, 3<sup>rd</sup> International Congress On Engineering Sciences And Technology, 2017-Kuala Lumpur- Malaysia
- 3- Leila Reza khani, Akram Alizadeh, Esmaeel Sharifi, **Morteza Alizadeh**, The Role Of Biomechanics In Tissue Engineering, 2<sup>nd</sup> International Stem Cell And Regenerative Medicine Congress 2017-Mashhad- Iran (Poster Presentation)
- 4- Leila Reza khani, **Morteza Alizadeh**, Akram Alizadeh, Tissue Engineered Cells in Breast Cancer, 2th international personalized medicine congress 2018-Tehran-Iran (Poster Presentation)
- 5- Leila Reza khani, **Morteza Alizadeh**, elham ghanbari, Role of Bioprinting for Cardiovascular Tissue Engineering, The First International Iranian Tissue Ngeineering And Regenerative Medicine Congress(Itermc) 2018- Tehran-Iran (Oral Presentation)
- 6- Leila Reza khani, Akram Alizadeh, **Morteza Alizadeh**, Application of Extracellular Vesicles in Tissue Engineering and Regeneration Medicine, The First International Iranian Tissue Ngeineering And Regenerative Medicine Congress(Itermc) 2018- Tehran-Iran (poster Presentation)
- 7- Akram Alizadeh, **Morteza Alizadeh**, Leila Reza khani, Tissue Engineering Approaches In Diagnosis And Treatment Of Neurological Diseases, The First International Iranian Tissue Ngeineering And Regenerative Medicine Congress(Itermc) 2018- Tehran-Iran (oral Presentation)
- 8- **Morteza Alizadeh**, Akram Alizadeh, Mostafa Soleimannejad, Leila Reza khani, Method And Approaches In Tissue Engineering For Long-Term Electrodes, The First International Iranian Tissue Ngeineering And Regenerative Medicine Congress(Itermc) 2018- Tehran-Iran (poster Presentation)
- 9- Leila Reza khani, **Morteza Alizadeh**, Akram Alizadeh, Cancer and Stem Cell, 4th Iranian congress on progress in tissue engineering and regenerative medicine, 2018-tehran-iran( poster presentation)
- 10- Leila Reza khani, **Morteza Alizadeh**, Akram Alizadeh, The Biology Of Tissue Engineering And Cancer, 4th Iranian congress on progress in tissue engineering and regenerative medicine, 2018-tehran-iran( poster presentation)
- 11- Leila Reza khani, **Morteza Alizadeh**, Akram Alizadeh, The Use of Chitosan Nanoparticle In The Treatment of Cancer, 4th Iranian congress on progress in tissue engineering and regenerative medicine, 2018-tehran-iran( poster presentation)

12- **Morteza Alizadeh**, Leila Rezakhani, Akram Alizadeh, Biodegradable Polymers Beside The Conductive Biodegradable Polymers Are Suitable Combination For Nerve Tissue Engineering, 4th Iranian congress on progress in tissue engineering and regenerative medicine, 2018-tehran-iran( poster presentation)

13- Tissue Engineering and New Approaches for the dissolving of some obstacles in Long-Term Electrodes M Alizadeh Brain Stimulation: Basic, Translational, and Clinical Research in.

**Reviewer of journal:**

- **Journal of Skin and Stem Cell**

**Products and industrial experiments:**

- 1- Cortical strip (cortrode).



- 2- Bio degradable implants for CMF fractures (R&D ).



- 2- Setting up pressure, temperature for Danavel clean room.



### **Professional Societies:**

- **Iranian Tissue Engineering and Regenerative Medicine Society (From 2017).**
- **TERMIS (2016)**
- **Linked in**
- **Researchgate**

### **Workshops and degrees :**

- **Technical responsibility for manufacturers and importers of medical equipment  
2019**
- **HLA Typing 2017**
- **Real time PCR 2016**
- **Article Writing 2016**
- **Computational Foundations in Biology 2017**
- **Primary Computer DOS License 2000**

- **Primary Computer operatory License** 2000
- **Technical and Vocational computer Driving License** 2000
- **Entrepreneurship skills** 2013
- **Gasoline Car fixing certificate grade 1 & 2** 2013
- **Industrial electronics** 2015
- **cell phone repairer** 2015

### **Honors and Awards:**

- Appreciation letter from: Head of Cellular and Molecular Research Center Skums Cortical Strip 2016
- First Rank in PhD exam, Tissue Engineering, Shahrekord University of Medical Sciences (2018)

### **Skills:**

- **Cell culture 2D & 3D**
- **Animal surgery**
- **PCR & Real time PCR**
- **Programing AVR Microprocessor**

### **Interests:**

- **Bioreactor**
- **Product management**
- **Microprocessor & Microcontroller Programing**