

Curriculum Vitae

Personal Information:

- Name: Parviz
- Surname: Ranjbarvan
- Gender: Male
- Marital Status: Married
- Date Of Birth: 3 Aug 1985
- Place of Birth: Tabriz, Iran
- Nationality : Iranian
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Educations:

- **PhD in Tissue Engineering, (2011-2016)**

Department of Tissue Engineering and Applied Cell Sciences, School of Advanced Technologies in Medicine, Tehran University of Medical Sciences, Tehran, Iran

Thesis: Using Platelet Gel, Keratinocyte Cells and Electrospun Nanofibrous Scaffold for Engineering of a Skin Substitute.

Supervisors: Dr. Javad Verdi, Dr. Masoud Soleimani, Dr. Ali Samadi

Advisors: Prof. Jafar Ai, Dr. Reza Faridi

- **M.Sc. in Anatomical Sciences, (2007-2010)**

Kermanshah University of Medical Sciences, Kermanshah, Iran.

Thesis: Survey of raloxifene effect on human endometrial and endometriosis tissue cultured in 3D fibrin matrix.

Supervisors: Prof. Mozafar Khazaei

Advisors: Prof. Rostam Ghorbani

- **BSc. in Technology of radiology, (2003-2007)**

Iran University of Medical Sciences (IUMS), Tehran, Iran

Honor:

I was the first top student of class in MSc.

Work Experience:

- Faculty member (instructor) at **Ardabil University** of Medical Sciences
- Instructor at **Qom University** of Medical Sciences
- Instructor at the School of Nursing and Midwifery (**Khalkhal**), Ardabil University of Medical Sciences
- Production Management of Iranian Tissue Production (ITP) company.

Articles:

- **Ranjbarvan Parviz**, Hosseinzadeh Simzar, Mahmodifard Matin, Zamanloue Soheila, Soleimani Masoud, "**New skin tissue engineering approach by virtue of nylon-Beta vulgaris composite electrospun nanofibrous membrane**", ASAIO-17014. IF= 2.3
- **Parviz Ranjbarvan**, Masoud Soleimani, Ali Samadi Kuchaksaraei, Jafar Ai, Reza Faridi Majidi and Javad Verdi, Skin regeneration stimulation: **The role of PCL-platelet gel nanofibrous scaffold**, *Mecroscopy Research and Technique*. IF=1.13
- Simzar Hosseinzadeh, Masoud Soleimani, Manouchehr Vossoughi, **Parviz Ranjbarvan**, Shokoh Hamed, Soheila Zamanlui, Matin Mahmoudifard, "**Study of epithelial differentiation and protein expression of keratinocyte-mesenchyme stem cell co-cultivation on electrospun nylon/B. vulgaris extract composite scaffold**", *Materials Science & Engineering C*. doi: 10.1016/j.msec.2017.02.101. IF: 4.164
- Matin Mahmoudifard, Masoud Soleimani, Shadie Hatamie, Soheila Zamanlui, **Parviz Ranjbarvan**, Manouchehr Vossoughi and Simzar Hosseinzadeh, **The different fate of satellite cells on conductive composite electrospun nanofibers with graphene and graphene oxide nanosheets** , *Biomed. Mater.* 11 (2016) 025006. IF=3.361
- **Ranjbarvan Parviz**, Masoud Soleimani, Ali Samadi Kuchaksaraei, Jafar Ai, Reza Faridi Majidi and Javad Verdi, **A Bilayer Skin Substitute Based on Human Adipose-Derived Mesenchymal Stem Cells and Neonate Keratinocytes on the 3D Nanofibrous PCL-Platelet Gel Scaffold**, *biomedical materials research part A*.(Revise) IF=3.263

Congresses:

- ✓ Shoaee-Hassani, A.Hamidieh, R.Mohseni, P.Keyhanvar, A. Azimi, S.A. Mortazavi Tabatabaei, M. Tondar, **P.Ranjbarvan, Human Adipocyte Derived Mesenchymal Stem cell supports keratinocyte growth in a modified Collagen-Hyaluronic acid matrix**, Bone Marrow Transplant Volume 50, Issue S1 March 2015.
- ✓ **P.Ranjbarvan**, M.Khazaei, R.Ghorbani, F.Chobsaz, **Survey of raloxifene effect on human endometrial tissue cultured in 3D fibrin matrix**, Sixteenth National Congress of Infertility - March 2009 – Shiraz.
- ✓ M.Khazaei, **P.Ranjbarvan**, S.Mehrabinasab, S.Khazaei, **“The effect of Pentylentetrazole on mice sperm motility and morphology”** National Congress of Fertility, Infertility and laparoscopy, Tabriz University of Medical Sciences, Iran. (Speech presentation).

Workshop presentation:

- Application of animal in reproductive research, (2009), Kermanshah University of medical sciences.
- Tissue culture in 3D fibrin matrix. (2013), Tehran university of medical sciences.

Academic interests:

- Tissue Engineering (Skin regeneration, Biomaterials, Nanofibrous scaffolds)
- Cell culture and Tissue culture
- Stem cell
- Skin substitute

The Experimental skills:

- Principle of Cell culture
- 3D Cell culture and Tissue culture
- Specific staining i.e. H&E, Golgi
- Molecular techniques: PCR, DNA and RNA Extraction
- Electrospinning technique and characterizing of nanofibrous
- Scaffolds Biocompatibility assays by MTT
- Protein studies by Immunocytochemistry, Immunohistochemistry
- Isolation of stem cells (Bone marrow and Adipose)
- Working with animal models
- Introduction to clean room principles
- Introduction to GMP principles
- Manufacture of allograft products
- Preparation of mineralized and demineralized bone scaffold

Computer skills:

- Data Analysis: SPSS, Excel, Sigmaplot, REST
- EndNote and Reference manager
- Microsoft Office (Excel, power point, word, publisher)

Teaching experiences:

- Anatomy to Medical students in Ardabil University of Medical Sciences.
- Anatomy to B.Sc students in Ardabil University of Medical Sciences.
- Anatomy B.Sc students in Kermanshah University of Medical Sciences
- Anatomy to B.Sc students in Qom University of Medical Sciences.
- Anatomy to B.Sc students in Khalkhal University of Medical Sciences.
- Histology to Dental students in Kermanshah University of Medical Sciences.

References:

1- Prof. Jafar Ai.

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2- Dr. Javad Verdi.

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