

قالب پیشنهادی رزومه نامزدهای عضویت در هیات مدیره انجمن علمی
(بخش های قرمز رنگ تکمیل شود)
در خاتمه فایل در ساختار PDF آماده شود



[Dr. Naghmeh Bahrami] M.D.

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

Telephone: 09122385032

e-mail: n-bahrami@tums.ac.ir

EDUCATION

Surgeon; Dentist; Tissue engineering, PhD;

Associate Professor of Tissue Engineering Department, Tehran University of Medical sciences

POST GRADUATE TRAINING

Research Deputy of Oral and Maxillofacial Surgery Research Center, Tehran University of Medical Sciences (2015 to now)

Research Assistant of Tissue Engineering Department (2018 to now)

Director of EDO, Faculty of New Technologies (2018-2021)

Head of Dental Materials Laboratory (2013-2015)

Member of the research committee of Baft Bank and Iran Research Center of Tehran University of Medical Sciences (2014-2016)

Head of Biophysics Laboratory, Faculty of Dentistry, Tehran University of Medical Sciences (2013-2015)

Director of Student Research Committee of the International Dental Campus of Tehran University of Medical Sciences (2007-2010)

Director of Information Technology, International Dental Campus, Tehran University of Medical Sciences (2007-2010)

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Technical Supervisor of the International Dental Campus of Tehran University of Medical Sciences
(2007-2010)

POST DOCTORIAL WORK

Teaching:

Bachelor of Prosthodontics

General and specialized doctorate

PhD in Tissue and Cell Therapy Engineering

Dental Fellowship

Responsible for the fellowship of the Faculty of New Medical Technologies (2018 to now)

Founding member of Oral and Maxillofacial Surgery Research Center, Tehran University of Medical Sciences

Member of the board of directors of Samin Danesh Afaza Mehr Educational Institute

Member of the board of directors of Danesh Bonyan Pishgaman Digital Medicine Company

Secretary of the Ethics Committee of the Faculty of Dentistry (2015-2017)

Head of Dental Materials Laboratory (2013-2015)

Member of the research committee of Baft Bank and Iran Research Center of Tehran University of Medical Sciences (2014-2016)

PROFESSIONAL APPOINTMENTS

Associate Professor, Tehran University of Medical sciences

Research Deputy of Oral and Maxillofacial Surgery Research Center, Tehran University of Medical Sciences (2015 to now)

Research Assistant of Tissue Engineering Department (2018 to now)

Director of EDO, Faculty of New Technologies (2018-2021)

Responsible for the fellowship of the Faculty of New Medical Technologies (2018 to now)

Head of the Dental Committee of the Stem Cells Headquarters of the Vice President for Technology (2018 to now)

PRIVATE PRACTICE

Member of the Board of Directors of Danesh Bonyan Daneshfaza Mine Mehr Company

Member of the board of directors of Danesh Bonyan Pishgaman Digital Medicine Company

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MEDICAL AND SCIENTIFIC SOCIETIES

Member of the research committee of Baft Bank and Iran Research Center of Tehran University of Medical Sciences (2014-2016)

COMMITTEE APPOINTMENTS

- Member of the National Committee for the Treatment of Patients with cleft lip and palate
- Founding member of Oral and Maxillofacial Surgery Research Center, Tehran University of Medical Sciences
- Secretary of the Ethics Committee of the Faculty of Dentistry (2015-2017)
- Member of the research committee of Baft Bank and Iran Research Center of Tehran University of Medical Sciences (2014-2016)

PATENT

- A Method of co-culturing human endometrial stem cells and rat embryonic tooth bud cells to obtain ameloblast cells. US Application Number: 20140370515
- Biodegradable and biocompatible nano composite t-plate implant and a method of synthesizing the same. US Application Number: 20140356410
- Differentiation of endometrial stem cells to ameloblast cell. Iranian patent
- Two patents in the United States and two patents in Iran

HONORS

- The first rank of Entrance exam for PhD in Tissue Engineering (2010)
- The first rank in the comprehensive examination for PhD of Tissue Engineering (2012)
- Obtaining grants from top assistant professors in research (2016)

PUBLICATIONS

- Automatic detection of symmetry plane for computer-aided surgical simulation in craniomaxillofacial surgery, Physical and Engineering Sciences in Medicine
- Proteomic and genomic biomarkers for Non-Small Cell Lung Cancer: Peroxiredoxin, Haptoglobin, and Alpha-1 antitrypsin, Cancer Medicine
- The efficiency of the polymerase chain reaction methods for the detection of common pathogens in patients with chronic obstructive pulmonary disease, MINERVA PNEUMOLOGICA
- Scaffolds in Dental Tissue Engineering: A Review, Archives of Neuroscience

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- Osteogenic differentiation of follicular stem cells on nano-Saghez scaffold containing BMP2
Journal of Orthopaedic Surgery and Research
- Assessing VEGF mRNA and miR-494 expression in peripheral blood collected from patients suffering from oral squamous cell carcinoma, Journal of Craniomaxillofacial Research
- Evaluation of circulating serum 3 types of microRNA as biomarkers of oral squamous cell carcinoma; A pilot study, Journal of Oral Pathology & Medicine
- Molecular detection of bacterial pathogens in intensification of chronic obstructive pulmonary disease by polymerase chain reaction methods, Minerva Pneumologica 3
- Three Markers in Cancerous and Healthy Cells of Patients with Non-Small-Cell Lung Carcinoma (NSCLC), Asian Pacific journal of cancer prevention
- The Effects of Nano-honey Containing Hydroxyapatite on Socket Healing Biomedical Journal of Scientific & Technical Research
- The Ability of 3D Alginate/Polyvinyl Alcohol Cross-Linked Hybrid Hydrogel to Differentiate Periodontal Ligament Stem Cells Into Osteoblasts, Archives of Neuroscience
- Ectopic Expression of miRNA-21 and miRNA-205 in Non-Small Cell Lung Cancer, International Journal of Cancer Management
- Molecular detection of Chlamydia Pneumoniae in patients with chronic obstructive pulmonary diseases with both real time polymerase chain reaction and polymerase chain reaction methods, Minerva Pneumologica
- Comparison of oral disease manifestation in patients with pulmonary disease and healthy group, Minerva Pneumologica
- Detection of miR-21, MUC1mRNA and VEGF Protein Biomarkers Expression Changes in Oral Squamous Cell Carcinomas (OSCC) in Peripheral Blood, Asian Pacific Journal of Cancer Biology
- Outcomes of alveolar ridge preservation with recombinant human bone morphogenetic protein-2: A systematic review, Implant Dentistry
- Evaluation of the effects of nano-honey scaffold on reconstruction of calvarial defects in rat , Traditional and Integrative Medicine
- The effects of cross-linked/uncross-linked electrospun fibrinogen/polycaprolactone nanofibers on the proliferation of normal human epidermal keratinocytes, Journal of Polymer Engineering
- Investigating PIK 3 R 3 and ATp2A1 Genes Expressions in Ventilator- Associated Pneumonia Patients Admitted to the Intensive Care Unit of Masih Daneshvari Hospital in 2016, Reports of Biochemistry and Molecular Biology
- Bevacizumab Inhibits Angiogenic Cytokines in Head and Neck Squamous Cell Carcinoma: From Gene to the Protein, International Journal of Hematology-Oncology and Stem Cell Research
- Encapsulation of curcumin loaded chitosan nanoparticle within poly (ϵ - caprolactone) and gelatin fiber mat for wound healing and layered dermal reconstitution, International journal of biological macromolecules
- Comparison of a novel adhesive system and plate and screw for facial fracture osteosynthesis , Journal of Craniomaxillofacial Research

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در خاتمه فایل در ساختار PDF آماده شود

- In vitro and In vivo Investigation of poly (lactic acid)/hydroxyapatite nanoparticle scaffold containing nandrolone decanoate for the regeneration of critical-sized bone defects, *Nanomedicine Journal*
- Human dental pulp stem cells differentiation: A review, *Journal of Craniomaxillofacial Research*
- Differentiation of Periodontal Ligament Stem Cells Into Osteoblasts on Hybrid Alginate/Polyvinyl Alcohol/Hydroxyapatite Nanofibrous Scaffolds, *Archives of Neuroscience*
- Applications of Propolis in Dentistry: A Review, *Ethiopian journal of health sciences*
- Efficacy of low level laser for prevention of pain and trismus after impacted mandibular third molar surgery, *Journal of Craniomaxillofacial Research*
- Expression of CK19-mRNA and CEA-mRNA biomarkers in pleural fluid of patients with non-small cell lung cancer, *Minerva Pneumologica*
- A pilot Study of CK20 mRNA, VEGF mRNA, VEGF Protein in the Peripheral Blood of Patients with Non-Small Cell Lung Cancer, *Minerva Pneumologica*
- Investigating gene expression level of MUC1 and CEA in pleural fluid of NSCLC lung cancer patients with real-time RT-PCR method, *Minerva Pneumologica*
- Comparison of postoperative complications of envelope flap and triangular flap in surgical removal of mandibular third molar teeth, a double blind split-mouth study, *Journal of Craniomaxillofacial Research*
- Multi-Gene Expression in Anthracosis of the Lungs as One of the Risk Factors for Non-Small Cell Lung Cancer, *Asian Pacific journal of cancer prevention: APJCP*
- Diagnostic value of LunX mRNA and CEA mRNA expression in pleural fluid of patients with non-small cell lung cancer, *Minerva Pneumologica*
- Gene therapy a new approach in dentistry: human or microbial gene modification, *Journal of Craniomaxillofacial Research*
- Protein engineering of recombinant Human Bone Morphogenetic Protein 2 with higher interaction with Ca phosphate based scaffold used for osteogenesis, *Journal of Biomedical Materials Research Part A*
- The Effect of Locally Administered Pamidronate on Autogenous Bone Graft in Maxillofacial Reconstruction: A Randomized Clinical Trial, *International journal of organ transplantation medicine*
- Comparison the differentiate ability of wisdom tooth follicle stem cells into nerve and bone tissue *journal of Applied Tissue Engineering*
- Neural Differentiation Potential of Stem Cells Derived from Dental Follicle and Periodontal Ligament stem cells, *journal of Applied Tissue Engineering*
- Purmorphamine as a Shh signaling activator small molecule promotes motor neuron differentiation of mesenchymal stem cells cultured on nanofibrous PCL scaffold *Molecular neurobiology*
- Evaluation and comparison of tissue toxicity induced by common mini- plates used in craniomaxillofacial surgery in Iran (In Vitro Assessment) *Journal of Craniomaxillofacial Research*

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در خاتمه فایل در ساختار PDF آماده شود

- Cytotoxic Effect of Thiabendazole on Hn5 Head and Neck Squamous Cell ,Carcinoma Cell Line,Journal of dentistry, Shiraz University of Medical Sciences
 - Efficacy of adipose-derived stem cells for regeneration of localized mandibular bone defects,Journal of Craniomaxillofacial Research
 - An oral metastatic carcinoma guiding to discovery of a renal carcinoma: A case report,Journal of Craniomaxillofacial Research
 - Association between the serotonin-transporter-linked polymorphic region (5-HTTLPR) and pemphigous disease in Iranian patients Journal of Craniomaxillofacial Research
 - Salivary antioxidant levels in pemphigus vulgaris patients compared to the healthy people,Journal of Craniomaxillofacial Research
 - Efficacy of iranian-made bone substitutes for regeneration of rabbit calvarial bone defects: cenobone versus the ITB,Journal of Craniomaxillofacial Research
 - Histopathological comparison between bone marrow-and periodontium-derived stem cells for bone regeneration in rabbit calvariaInternational ,journal of organ transplantation medicine
 - Real-time RT-PCR Detection of HCN4 and ADAM8 genes in ventilator-associated pneumonia patients Hospitalized in intensive care unit,Journal of Cellular & Molecular Anesthesia
 - Examining facial soft tissue changes following orthognathic class III (bimax) surgeries applying structured light technique for the design and implementation of 3d facial modeling software Journal of Craniomaxillofacial Research
 - The effect of purmorphamine on differentiation of endometrial stem cells into osteoblast-like cells on collagen/hydroxyapatite scaffolds, Artificial cells, nanomedicine, and biotechnology
 - Expression of two essential mRNA biomarker in the peripheral blood as possible biomarkers for diagnosis of non-small cell lung carcinoma,MINERVA PNEUMOLOGICA
 - Expression of two basic mRNA biomarkers in peripheral blood of patients with non-small cell lung cancer detected by real-time rt-PCR, individually and simultaneously,Iranian biomedical journal
 - Bone reconstruction following application of bone matrix gelatin to alveolar defects: a randomized clinical trial International, journal of organ transplantation medicine
 - On the relationship between test anxiety and academic performance,Procedia-Social and Behavioral Sciences
-
- **7 volumes of books**
 - Biocompatibility of Materials in the book of Dental Materials, National Book
 - Stem Cells
 - Cell Cculture
 - laboratory
 - Dental Clinical Guide
 - General Biology
 - Questions Bank for Cellular and Molecular biology

RESEARCH PROJECTS

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- [IR.TUMS.AMIRALAM.REC.1401.014](#)
- [IR.TUMS.AMIRALAM.REC.1401.012](#)
- [IR.TUMS.AMIRALAM.REC.1401.015](#)
- [IR.TUMS.AEC.1401.012](#)
- [IR.TUMS.AMIRALAM.REC.1401.002](#)
- [IR.TUMS.AMIRALAM.REC.1400.054](#)
- [IR.TUMS.AMIRALAM.REC.1400.051](#)
- [IR.TUMS.AMIRALAM.REC.1400.050](#)
- [IR.TUMS.MEDICINE.REC.1400.1421](#)
- [IR.TUMS.MEDICINE.REC.1400.985](#)
- [IR.TUMS.AMIRALAM.REC.1400.043](#)
- [IR.TUMS.AMIRALAM.REC.1400.033](#)
- [IR.TUMS.AMIRALAM.REC.1400.032](#)
- [IR.TUMS.VCR.REC.1399.318](#)
- [IR.TUMS.MEDICINE.REC.1399.1096](#)
- [IR.TUMS.MEDICINE.REC.1399.909](#)
- [IR.TUMS.AMIRALAM.REC.1399.034](#)
- [IR.TUMS.MEDICINE.REC.1399.632](#)
- [IR.TUMS.MEDICINE.REC.1399.534](#)
- [IR.TUMS.VCR.REC.1399.123](#)
- [IR.TUMS.DENTISTRY.REC.1398.188](#)
- [IR.TUMS.VCR.REC.1398.514](#)
- [IR.TUMS.VCR.REC.1397.792](#)

PERSONAL DATA

DATE OF BIRTH

PLACE OF BIRTH

LANGUAGES

- Persian
- English