

به نام خدا

نام و نام خانوادگی: دکتر نغمه بهرامی

مدرک تحصیلی: دندانپزشک و دکتری تخصصی مهندسی بافت

موقعیت علمی: دانشیار دانشگاه علوم پزشکی تهران

سمت اجرایی:

- ✓ معاون پژوهشی مرکز تحقیقات جراحی فک و صورت دانشگاه علوم پزشکی تهران (1394 تاکنون)
- ✓ معاون پژوهشی گروه مهندسی بافت (1397 تاکنون)
- ✓ مدیر EDO دانشکده فن اوریهای نوین پزشکی (1398-1400)
- ✓ دبیر کمیته برنامه ریزی آموزشی دانشکده فن اوریهای نوین پزشکی (1398 تاکنون)
- ✓ مسئول فلوشیپ دانشکده فن اوریهای نوین پزشکی (1398 تاکنون)
- ✓ مسئول کمیته دندانپزشکی ستاد سلولهای بنیادی معاونت فن آوری ریاست جمهوری (1393 تاکنون)
- ✓ عضو هیئت موسس مرکز تحقیقات جراحی فک و صورت دانشگاه علوم پزشکی تهران
- ✓ عضو هیئت مدیره موسسه آموزشی ثمین دانش افزای مهر
- ✓ عضو هیئت مدیره شرکت دانش بنیان پیشگامان طب دیجیتال
- ✓ دبیر کمیته اخلاق دانشکده دندانپزشکی (1394-1397)
- ✓ سرپرست آزمایشگاه مواد دندان (1392-1394)
- ✓ عضو کمیته تحقیقاتی ، بانک بافت و مرکز تحقیقات ایران ، دانشگاه علوم پزشکی تهران ، تهران (1393-1395)
- ✓ مسئول فیزیک بهداشت آزمایشگاه زیست مواد ، دانشکده دندانپزشکی ، دانشگاه علوم پزشکی تهران (1392-1394)
- ✓ مدیر کمیته تحقیقات دانشجویی ، پردیس بین المللی دندانپزشکی ، دانشگاه علوم پزشکی تهران (1386-1389)
- ✓ مدیر فناوری اطلاعات (IT) ، پردیس بین المللی دندانپزشکی ، دانشگاه علوم پزشکی تهران (1386-1389)
- ✓ سرپرست فنی ، پردیس بین المللی دندانپزشکی ، دانشگاه علوم پزشکی تهران (1386-1389)

## فعالیت آموزشی :

- تدریس در مقاطع کارشناسی پروتزهای دندانی- دکتری عمومی و تخصصی دندانپزشکی –  
دکتری تخصصی مهندسی بافت و سلول درمانی-فلوشیپ دندانپزشکی

## فعالیت پژوهشی :

### ❖ مقالات:

- ❖ 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
- ❖ Osteogenic differentiation of follicular stem cells on nano-Saghez scaffold containing BMP2 Journal of Orthopaedic Surgery and Research
- ❖ Encapsulation of curcumin loaded chitosan nanoparticle within poly ( $\epsilon$ -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
- ❖ 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
- ❖ 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

- ❖ 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
- ❖ 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 usedfor 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

- ❖ 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

❖ کتابها:

- ✓ زیست سازگاری مواد در کتاب مواد دندانپزشکی ، کتاب ملی
- ✓ سلولهای بنیادی
- ✓ آزمایشگاه کشت سلول
- ✓ راهنمای بالینی دندانپزشکی
- ✓ General biology
- ✓ Questions Bank for cellular and molecular biology

❖ ثبت اختراع:

- ❖ 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

❖ جوایز:

- رتبه اول در آزمون ورودی دکتری تخصصی مهندسی بافت در سال 1389
- رتبه اول در امتحان جامع دکتری تخصصی مهندسی بافت در سال 1391
- اخذ گرنت استادیاران جوان برتر در پژوهش در سال 1395