

## Prof. Dr. VASIF NEJAT HASIRCI

### Kişisel Bilgiler

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### Yönetilen Tezler

- HASIRCI V. N., DEVELOPMENT OF A BONE TUMOR MODEL UNDER IN VITRO CONDITIONS, Doktora, A.KÖMEZ(Öğrenci), 2019
- HASIRCI V. N., Doku mühendisliği yöntemi ile hastaya özel ortopedik implant tasarımı ve üretimi., Doktora, S.Büyüksungur(Öğrenci), 2019
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- HASIRCI V. N., A three-dimensional printed, polycaprolactone/hydrogel based, tissue engineered meniscus, Doktora, G.BAÇÇECİOĞLU(Öğrenci), 2018
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- III. **Advances in In Vitro Blood-Air Barrier Models and the Use of Nanoparticles in COVID-19 Research**  
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- IV. **In vitro cytotoxicity, corrosion and antibacterial efficiencies of Zn doped hydroxyapatite coated Ti based implant materials**  
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- VI. **Corrosion Resistance and Cytocompatibility of Magnesium-Calcium Alloys Modified with Zinc- or Gallium-Doped Calcium Phosphate Coatings**  
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- VII. **A Cell Culture Chip with Transparent, Micropillar-Decorated Bottom for Live Cell Imaging and Screening of Breast Cancer Cells**  
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- VIII. **3D printed hybrid bone constructs of PCL and dental pulp stem cells loaded GelMA**  
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- IX. **Evaluating Oxygen Tensions Related to Bone Marrow and Matrix for MSC Differentiation in 2D and 3D Biomimetic Lamellar Scaffolds**  
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- XI. **Cell loaded 3D bioprinted GelMA hydrogels for corneal stroma engineering**  
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- XIX. **Microfibrous scaffolds from poly(L-lactide-co-epsilon-caprolactone) blended with xeno-free collagen/hyaluronic acid for improvement of vascularization in tissue engineering applications**  
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- XX. **Cell behavior on the alginate-coated PLLA/PLGA scaffolds**  
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- XXI. **Engineered natural and synthetic polymer surfaces induce nuclear deformation in osteosarcoma cells**  
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- XXII. **Hydrogels of agarose, and methacrylated gelatin and hyaluronic acid are more supportive for in vitro meniscus regeneration than three dimensional printed polycaprolactone scaffolds**  
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- XXIII. **A novel GelMA-PHEMA hydrogel nerve guide for the treatment of peripheral nerve damages**  
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- XXV. **Micro and Nanofabrication methods to control cell-substrate interactions and cell behavior: A review from the tissue engineering perspective**  
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- XXVI. **Effect of chemical structure on properties of polyurethanes: Temperature responsiveness and biocompatibility**  
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- XXXI. **Mimicking corneal stroma using keratocyte-loaded photopolymerizable methacrylated gelatin hydrogels**  
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- XXXII. **A bilayer scaffold prepared from collagen and carboxymethyl cellulose for skin tissue engineering applications**  
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- XXXIII. **Nuclear targeting peptide-modified, DOX-loaded, PHBV nanoparticles enhance drug efficacy by targeting to Saos-2 cell nuclear membranes**  
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- XXXVI. **3D printed poly(epsilon-caprolactone) scaffolds modified with hydroxyapatite and poly(propylene fumarate) and their effects on the healing of rabbit femur defects**  
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- XXXVIII. **Cartilage tissue engineering on macroporous scaffolds using human tooth germ stem cells**  
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- XL. **Construction of a PLGA based, targeted siRNA delivery system for treatment of osteoporosis**  
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- XLI. **Quantification of Type, Timing, and Extent of Cell Body and Nucleus Deformations Caused by the**

### **Dimensions and Hydrophilicity of Square Prism Micropillars**

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- I. **Sıçanlarda siyatik sinir hasarı modelinde, 3B yazıcı ile üretilen polikaprolakton tüpler sinir iyileşmesini arttırdı**  
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- XVI. **Cellular Alignment Enhance the Mechanical Properties of ASC Laden Fibrin Microfibers**  
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## Metrikler

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