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Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji , Turkey 2009 - 2015

Post Graduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji , Turkey 2006 - 2009

Under Graduate, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji, Turkey 2003 - 2006

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Mezenşimal kök hücrelerin immün modülatör etkisinin hemofagositik sendrom klinik uygulamalarına temel oluşturmak üzere in vitro modelde incelenmesi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Genel Biyoloji (Dr), 2015

Post Graduate, Miyokardiyal rejenerasyon için sıçan kemik iliği kök hücrelerinden kardiyomiyositlerin farklılaştırılması ve karakterizasyonu, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Genel Biyoloji (YI) (Tezli), 2009

Research Areas

Life Sciences, Biotechnology, Biomaterial, Animal Biology, Animal Tissue Culture, Animal Physiology, Molecular Biology and Genetics, Genetic Disorders, Genetic Engineering, Natural Sciences

Academic Titles / Tasks

Research Assistant, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2007 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

I. Cytotoxicity of long-term denture base materials

TANIŞ M. Ç. , AKAY C., SEVİM H.

INTERNATIONAL JOURNAL OF ARTIFICIAL ORGANS, vol.41, no.10, pp.677-683, 2018 (Journal Indexed in SCI)

II. In Vitro Cytotoxicity of Maxillofacial Silicone Elastomers: Effect of Nano-particles

AKAY C., ÇEVİK P., KARAKIŞ D., SEVİM H.

JOURNAL OF PROSTHODONTICS-IMPLANT ESTHETIC AND RECONSTRUCTIVE DENTISTRY, vol.27, no.6, pp.584-

587, 2018 (Journal Indexed in SCI)

- III. **Bone marrow derived mesenchymal stem cells ameliorate inflammatory response in an in vitro model of familial hemophagocytic lymphohistiocytosis 2**
SEVİM H., KOCAEFE Y. Ç. , ONUR M. A. , Uckan-Cetinkaya D., GÜRPINAR Ö. A.
STEM CELL RESEARCH & THERAPY, vol.9, 2018 (Journal Indexed in SCI)
- IV. **Ozonated Olive Oil with a High Peroxide Value for Topical Applications: In-Vitro Cytotoxicity Analysis with L929 Cells**
GÜNAYDIN Y., SEVİM H., TANYOLAÇ D., GURPINAR O. A.
OZONE-SCIENCE & ENGINEERING, vol.40, no.1, pp.37-43, 2018 (Journal Indexed in SCI)
- V. **Effect of artificial saliva with different pH levels on the cytotoxicity of soft denture lining materials**
AKAY C., Tanis M. C. , SEVİM H.
INTERNATIONAL JOURNAL OF ARTIFICIAL ORGANS, vol.40, no.10, pp.581-588, 2017 (Journal Indexed in SCI)
- VI. **The effects of mesenchymal stem cells on the structure and contractile force of the carotid artery in a rat aneurysm model**
ATALAY Ö., SEVİM H., KARAHİSAR TURAN S., ONUR M. A. , GÜRPINAR Ö. A.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.47, no.5, pp.1634-1641, 2017 (Journal Indexed in SCI)
- VII. **Cytotoxic Effect of Fungal Sourced Bassiatin on HeLa and L929 Cell Lines**
ÖZGÖR E., SEVİM H., GÜRPINAR Ö. A. , KESKİN N.
Journal Of Biotechnology, vol.231, 2016 (Journal Indexed in SCI)
- VIII. **Heparin toxicity in cell culture: a critical link in translation of basic science to clinical practice**
Gurbuz H. A. , Durukan A. B. , SEVİM H., Ergin E., GURPINAR A., YORGANCIOLU C.
BLOOD COAGULATION & FIBRINOLYSIS, vol.24, no.7, pp.742-745, 2013 (Journal Indexed in SCI)
- IX. **TRANSPLANTATION OF MESENCHYMAL STEM CELLS INTO THE ISCHEMIC RAT MYOCARDIUM FOR MYOCARDIAL REGENERATION**
AKBAY E., SEVİM H., DURUKAN A. B. , GÜRPINAR Ö. A. , GÜNAYDIN S., ONUR M. A.
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.163, 2013 (Journal Indexed in SCI)
- X. **May toxicity of amiodarone be prevented by antioxidants? A cell-culture study**
Durukan A. B. , ERDEM B., Durukan E., SEVİM H., Karaduman T., Gurbuz H. A. , GURPINAR A., YORGANCIOLU C.
JOURNAL OF CARDIOTHORACIC SURGERY, vol.7, 2012 (Journal Indexed in SCI)
- XI. **Clinical impact and biomaterial evaluation of autologous platelet gel in cardiac surgery**
Gunaydin S., MCCUSKER K., SARI T., ONUR M. A. , GURPINAR A., Sevim H., ATASOY P., YORGANCIOLU C., ZORLUTUNA Y.
PERFUSION-UK, vol.23, no.3, pp.179-186, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Cardiomyogenic Gene Expression Profile of 5-Azacytidine-Treated Rat Bone Marrow Mesenchymal Stem Cells**
SEVİM H., AKBAY E., GÜRPINAR Ö. A. , Günaydin S., ONUR M. A.
Hacettepe J. Biol. Chem, 2017 (Other Refereed National Journals)
- II. **Bone Marrow Mesenchymal Stem Cells to Improve Damaged Heart Function after Modified Myocardial Infarction Rat Model**
AKBAY E., SEVİM H., GÜRPINAR Ö. A. , ONUR M. A. , GÜNAYDIN S.
Hacettepe Journal of Biology and Chemistry, vol.44, no.3, pp.283-292, 2016 (National Refreed University Journal)
- III. **Induced Pluripotent Stem Cells and Their Applications**
SEVİM H., GÜRPINAR Ö. A.
MARMARA MEDICAL JOURNAL, vol.25, no.1, pp.5-9, 2012 (Journal Indexed in ESCI)
- IV. **Induced pluripotent stem cells and their applications | İndüklenmiş pluripotent kök hücreler ve uygulamaları**
SEVİM H., GÜRPINAR Ö. A.

e-Marmara Medical Journal (elektronik), vol.25, no.1, pp.5-9, 2012 (Other Refereed National Journals)

V. İndüklenmiş Pluripotent Kök Hücreler ve Uygulamaları

SEVİM H., GÜRPINAR Ö. A.

Marmara Medica Journal, no.25, pp.5-9, 2012 (Other Refereed National Journals)

VI. Biocompatibility of a Fifth-Generation Adhesive System on Pulpal and Gingival Fibroblasts

GÜRPINAR Ö. A. , SEVİM H., ONUR M. A. , ÇEHRELİ Z. C. , Dağlı F.

Hacettepe Journal of Biology and Chemistry, vol.37, no.3, pp.189-195, 2009 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. HeLa Hücrelerinde Wnt/beta-katenin Sinyal Yolu, Notch Sinyal Yolu ve Apoptozisin İmmünohistokimyasal Olarak Değerlendirilmesi**
DÖNMEZ H. G. , SEVİM H.
Ulusal Biyoloji Kongresi, Turkey, 10 - 14 September 2018
- II. Inhibition of cell cycle progression and cell proliferation by repressing activity of important receptors with bassiatin on MCF-7 breast-cancer cells**
Ozgor E., SEVİM H., GÜRPINAR Ö. A. , KESKİN N.
European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280
- III. Purified melittin from honeybee Apis mellifera venom's effects on U118 glioblastoma cell line**
Güven K. N. , SEVİM H., KESKİN N.
European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280
- IV. Perioperative comparison of histidine tryptophan ketoglutarate, del nido, St Thomas and cold blood in high risk Cabg patients**
McCusker K., AKBAY E., SEVİM H., ONUR M. A. , Günaydın S.
The American Academy of Cardiovascular Perfusion, 17 - 20 January 2018
- V. Cytotoxic Effect of Fungal-Sourced Bassiatin on Breast Cancer Cell Lines", , 25-27 May 2017,**
ÖZGÖR E., SEVİM H., GÜRPINAR Ö. A. , KESKİN N.
European Biotechnology Congress (Eurobiotech), Dubrovnik, Croatia, 25 - 27 May 2017
- VI. Investigation of the effects of Trametes versicolor extracts on L-929 mouse fibroblasts**
ÇELEBİER İ., ULUSOY M., Dede E. C. , Ceylan S., İŞÇİ E. T. , SEVİM H., GÜRPINAR Ö. A.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- VII. Cytotoxic effect of fungal-sourced Bassiatin on breast cancer cell lines**
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European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- VIII. Investigation of the effects of mesenchymal stem cells on the contractile force of the carotid artery in a rat aneurysm model**
Atalay Ö., GÜRPINAR Ö. A. , SEVİM H., ONUR M. A.
The 22nd Biomedical Science and Technology Symposium, 12 - 14 May 2017
- IX. Cytotoxicity of Long-Term Denture Materials**
ÇAKIRBAY TANIŞ M., AKAY C., SEVİM H.
22nd INTERNATIONAL BIOMEDICAL SCIENCE TECHNOLOGY SYMPOSIUM, 12 - 14 May 2017
- X. Generation of Familial Hemophagocytic Lymphohistiocytosis 2 FHL 2 in vitro model for research**
SEVİM H., GÜRPINAR Ö. A.
INTERNATIONAL CONFERENCE ON BIOLOGICAL SCIENCES (ICBS), Konya, Turkey, 21 - 23 October 2016
- XI. Cytotoxic effect of fungal-sourced Bassiatin on HeLa and L929 cell lines**
ÖZGÖR E., SEVİM H., GÜRPINAR Ö. A. , KESKİN N.
European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231
- XII. Masillofasiyal silikon elastomerlerin in vitro sitotoksitesinin değerlendirilmesi Nano partiküllerin etkisi**
AKAY C., ÇEVİK P., Karkuş D., SEVİM H., MUMCU E.

22. Uluslararası Türk Protodonti ve İmplantoloji Derneği Bilimsel Kongresi, Turkey, 12 October - 15 November 2015

- XIII. **Mezenşimal kök hücrelerin immün modülatör etkisinin hemofagositik sendrom klinik uygulamalarına temel oluşturmak üzere in vitro modelde incelenmesi**
SEVİM H., GÜRPINAR Ö. A. , ONUR M. A. , ÇETİNKAYA F. D.
41. Ulusal Hematoloji Kongresi, Turkey, 21 - 24 October 2015
- XIV. **Generation of perforin defected cell line for basic research of familial hemophagocytic lymphohistiocytosis**
SEVİM H., ONUR M. A. , GÜRPINAR Ö. A.
2nd International congress on stem cell and cellular therapies, Antalya, Turkey, 15 - 18 October 2015
- XV. **Investigation of the effect of mesenchymal stem cells in carotid artery aneurysm model in rat**
Özbeyen A., SEVİM H., ONUR M. A. , GÜRPINAR Ö. A.
2nd International Congress on Stem Cell and Cellular Therapies, Antalya, Turkey, 15 - 18 October 2015
- XVI. **Effects of Rat Mesenchymal Stem Cells Supernatant Derived from Bone Marrow and Adipose Tissue on Peripheral Blood Mononuclear Cell Viability**
SEVİM H., AKBAY E., PERVER D., GÜRPINAR Ö. A. , ONUR M. A.
16th Biennial Meeting of the European-Society-for-Immunodeficiencies, Prague, Czech Republic, 29 October - 01 November 2014, vol.34
- XVII. **Differentiation and Characterization of Cardiomyocytes from Rat BM-MSCs For Myocardial Regeneration**
SEVİM H., AKBAY E., GÜRPINAR Ö. A. , Gunaydin S., ONUR M. A.
18th Annual Congress of the European-Society-of-Gene-and-Cell-Therapy, Milan, Italy, 22 - 25 October 2010, vol.21, pp.1482

Supported Projects

SEVİM H., Uysaler B., DÖNMEZ H. G. , KAPLAN CAN H., Project Supported by Higher Education Institutions, Dextran- 9Z 11E Konjuge Linoleik Asit konjugatının hazırlanması ve karakterizasyonu ile farklı kanser hücrelerinde Wntbetakatenin sinyal yolu ve apoptozis üzerine etkisinin incelenmesi, 2018 - 2019

ONUR M. A. , GÜRPINAR Ö. A. , SEVİM H., Project Supported by Higher Education Institutions, Biyoloji Lisans ve Lisansüstü Eğitim Alt Yapısının Güncellenmesi, 2016 - 2018

GÜRPINAR Ö. A. , NİYAZ A., ATALAY Ö., SEVİM H., ONUR M. A. , Project Supported by Higher Education Institutions, İnsan Yağ Dokusu Mezenkimal Kök Hücrelerinde Notch Sinyal Yolunun Araştırılması, 2015 - 2016

SEVİM H., Project Supported by Higher Education Institutions, MEZENŞİMAL KÖK HÜCRELERİN İMMÜN MODÜLATÖR ETKİSİNİN HEMOFAGOSİTİK SENDROM KLİNİK UYGULAMALARINA TEMEL OLUŞTURMAK ÜZERE in vitro MODELDE İNCELENMESİ, 2015 - 2015

GÜRPINAR Ö. A. , SEVİM H., Project Supported by Higher Education Institutions, Mezenşimal Kök Hücrelerin Hemofagositik Sendrom Klinik Uygulamalarına Temel Oluşturmak Üzere İmmün Modülatör Etkisinin in vitro Modelde İncelenmesi, 2015 - 2015

Citations

Total Citations (WOS):39

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