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Education Information

Doctorate, Kocaeli University, Sağlık Bilimleri Enstitüsü, Kök Hücre Ve Doku Yenilenmesi (Dr), Turkey 2014 - Continues

Postgraduate, Kocaeli University, Sağlık Bilimleri Enstitüsü, Kök Hücre Ve Doku Yenilenmesi (YI), Turkey 2011 - 2014

Undergraduate, Anadolu University, Faculty Of Science, Department Of Biology, Turkey 2006 - 2011

Dissertations

Postgraduate, Mezenkimal kök hücrelerden pankreas adacık beta hücrelerine benzer insülin salgılayan hücrelerin rekombinant DNA teknolojisi ile eldesi, Kocaeli Üniversitesi, Sağlık Bilimleri Enstitüsü, Kök Hücre Ve Doku Yenilenmesi (YI), 2014

Research Areas

Biotechnology, Genetic Engineering, Cytogenetic

Academic Titles / Tasks

Research Assistant, Kocaeli University, Sağlık Bilimleri Enstitüsü, Kök Hücre Ve Doku Yenilenmesi (Dr), 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Guiding the Differentiation Direction of Pancreatic Islet-Derived Stem Cells by Glycated Collagen**
Duruksu G., Aciksari A.
STEM CELLS INTERNATIONAL, vol.2018, 2018 (SCI-Expanded)
- II. **Improved insulin-secreting properties of pancreatic islet mesenchymal stem cells by constitutive expression of Pax4 and MafA**
Aciksari A., Duruksu G., Karaöz E.
TURKISH JOURNAL OF BIOLOGY, vol.41, pp.979-992, 2017 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **İnsan Dental Pulpa Kaynaklı Kök Hücrelerinde İlerleyen Pasajla Birlikte Değişen Aquaporin**

Profilinin Değerlendirilmesi

Aytekin A., Yazır Y., Açıksarı A., Duruksu G., Öztürk A., Utkan T.

International Hippocrates Congress on Medical and Health Science, Ankara, Turkey, 1 - 03 March 2019

- II. **Preparation of Neurotrophin loaded Poly(D,L-lactide-co-glycolide) Nanoparticles for the Differentiation of Neural Stem Cell into Dopaminergic Neurons**
Mert S., Açıksarı A., Halbutoğulları Z. S., Vardar A., Yazır Y.
The Applied Nanotechnology and Nanoscience International Congress 2018, Berlin, Germany, 22 - 24 October 2018
- III. **Effects of Cocaine and Amphetamine Regulated Transcript (CART) on The Differentiation of Insulin Producing Cells From Human Adipose-Derived Mesenchymal Stem Cells**
Öncel Duman B., Yazır Y., Polat S., Halbutoğulları Z. S., Açıksarı A., Duruksu G.
4th International Congress On Applied Biological Sciences, Eskişehir, Turkey, 3 - 05 May 2018
- IV. **A Novel Isolation Method for Rat Brain Pericytes**
Açıksarı A., TURAC G., POLAT S., DURUKSU G., GACAR G., ERMAN G., YAZIR Y.
15th International Congress of Histochemistry and Cytochemistry, 18 - 21 May 2017
- V. **Decellularized liver protein matrix enhances the differentiation potential of pancreatic islet stem cells into beta-like cells**
ÖZTÜRK A., DURUKSU G., AÇIKSARI A., YAZIR Y.
Tissue Engineering and Regenerative Medicine International Society Meeting, 28 June - 01 July 2016
- VI. **Beta hücre belirteçlerinin Pax4 geni aktarılmış pankreas adacık ve adipoz doku kaynaklı erişkin kök hücrelerinde karşılaştırılmalı incelenmeli**
DURUKSU G., BAĞLAR A., YAZIR Y.
18.Ulusal Biyoteknoloji Kongresi, Konya, Turkey, 18 - 19 December 2015
- VII. **Comparative Analysis Of Beta Cell Marker Expression In Pancreatic Islet Derived And Adipose Tissue Derived Adult Stem Cells**
Duruksu G., Açıksarı A., Karaöz E.
Islet Society Meeting, Cape-Town, South Africa, 20 - 21 June 2014
- VIII. **The effect of Pax4 gene expression on the differentiation of pancreatic islet and adipose tissue derived stem cells into insulin producing cells**
AÇIKSARI A., DURUKSU G., KARAÖZ E.
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, Genoa, Italy, 10 - 13 June 2014
- IX. **The synergistic effect of NGN3 and PAX4 expressions in pancreatic islet derived stem cells**
Duruksu G., Açıksarı A., Karaöz E.
Tissue Engineering and Regenerative Medicine International Society European Chapter Meeting 2014 (TERMIS-EU 2014), Genoa, Italy, 10 - 13 June 2014, vol.8, pp.39-206
- X. **The Potential of Pax4 Transfected Pancreatic Islet Derived Stem Cells to Endocrine Cell Linage**
AÇIKSARI A., DURUKSU G., KARAÖZ E.
1. Uluslararası Katılımlı Kök Hücre ve Hücreyel Tedaviler Kongresi, Kocaeli, Turkey, 20 - 23 March 2014
- XI. **Pankreatik Adacık- Ve Adipoz Doku-Kaynaklı Kök Hücrelerin Endokrin Hücre Yönünde Farklılaşma Potansiyellerinin Karşılaştırmalı Olarak İncelenmesi**
AÇIKSARI A., DURUKSU G., KARAÖZ E.
4. Kök Hücre Sempozyumu, Turkey, 20 December 2013
- XII. **Improvement of Differentiation Efficiency into Insulin-Secreting Cells by Ngn3 and Pax4 Expression**
AÇIKSARI A., DURUKSU G., KARAÖZ E.
TISSUE ENGINEERING AND REGENERATIVE MEDICINE (TERMIS-EU), İstanbul, Turkey, 17 - 20 June 2013

Supported Projects

YAZIR Y., AÇIKSARI A., Project Supported by Higher Education Institutions, FARKLI BÜYÜME FAKTÖRLERİ İÇEREN HEDEFLENMİŞ NANOPARTİKÜLLERİN NÖRAL KÖK HÜCRE FARKLIlaşMASI ÜZERİNE ETKİLERİNİN İNCELENMESİ,

2019 - 2021

Metrics

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