

## Prof. GÜNAY BALTA

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Middle East Technical University, Fen Edebiyat Fakültesi, Biyoloji, Turkey 1989 - 1994

Postgraduate, Middle East Technical University, Fen Edebiyat Fakültesi, Biyoloji, Turkey 1982 - 1989

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 1982 - 1986

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology, Internal Medicine Sciences, Child Health and Diseases, Pediatric Hematology, Life Sciences, Molecular Biology and Genetics, Genetic Disorders, Genetic Engineering, Genomics, Molecular Biology of Cancer, Natural Sciences

### Academic Titles / Tasks

Professor, Hacettepe University, Çocuk Sağlığı Enstitüsü, 2014 - Continues

Associate Professor, Hacettepe University, Çocuk Sağlığı Enstitüsü, Pediatrik Temel Bilimler Anabilim Dalı, 2007 - 2014

Expert, Hacettepe University, Çocuk Sağlığı Enstitüsü, Pediatrik Temel Bilimler Anabilim Dalı, 1998 - 2007

Research Assistant, New York University, The Mount Sinai School Of Medicine, The Mount Sinai Medical Center, 1992 - 1993

Research Assistant, State University of New York at Stony Brook, State University Of New York Downstate Center, Health Science Center At Brooklyn, 1991 - 1992

Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Environmental Engineering, 1990 - 1991

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Bone Marrow Mesenchymal Stem Cells from Donors with a High BMI Display ER Stress and Are Functionally Impaired.**

Ulum B., Teker H. T., Sarıkaya A., BALTA G., KUŞKONMAZ B. B., ÇETİNKAYA F. D., AERTS KAYA F. S. F.  
JOURNAL OF CELLULAR PHYSIOLOGY, vol.2018, pp.1-8, 2018 (SCI-Expanded)

- II. **A Case of Chediak-Higashi Syndrome Presented with Hemophagocytic Lymphohistiocytosis**

Akbayram S., Akgun C., Başaranoğlu M., Kaya A., BALTA G., Üstyol L., Yesilmen O., Değer İ., Oner A. F.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, vol.21, no.3, pp.196-199, 2011 (SCI-Expanded)

- III. **Molecular and clinical analysis of Turkish patients with HLH**  
Balta G., Okur H., Akarsu N., Oner A., Sayli T., Gurgey A.  
JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY, vol.29, 2007 (SCI-Expanded)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Östrojen reseptör pozitif MCF7 meme kanseri hücre hattı üzerine doğal biyoaktif bileşenlerden timokinon, kafeik asit fenetil ester fukoidanın antikanser etkilerinin karşılaştırmalı analizi.**  
Eroğlu Köksal E., BALTA G., AERTS KAYA F. S. F.  
23. Ulusal Kanser Kongresi 2019, Turkey, 17 - 21 April 2019, pp.319
- II. **Doğal biyoaktif timokinon, kafeik asit fenetil ester ve fukoidan bileşenleri anti-meme kanseri aktivitelerinin triple-negatif MDA-MB-231 hücrelerinde araştırılması.**  
Eroğlu Köksal E., BALTA G., AERTS KAYA F. S. F.  
3. Kök Hücre ve Hüresel Tedaviler Kongresi 2019, Turkey, 12 - 14 April 2019, pp.141
- III. **Investigation of mitochondrial stress inducers on human bone marrow derived mesenchymal stem cells for mitochondrial disease model**  
Aygaz S., BALTA G., Saltik B., Kilic E., Beyramzadeh M., Cetinkaya D. U.  
42nd Congress of the Federation-of-European-Biochemical-Societies (FEBS) on From Molecules to Cells and Back, Jerusalem, Israel, 10 - 14 September 2017, vol.284, pp.134-135
- IV. **Obez Kemik İliği Mezenkimal Kök Hücrelerinin Endoplasmik Retikulum Stresi Yüksek ve Farklılaşma Kapasiteleri Düşüktür**  
Ulum B., Teker H. T., BALTA G., ÇETİNKAYA F. D., AERTS KAYA F. S. F.  
42. Ulusal Hematoloji Kongresi, Turkey, 19 - 22 October 2016, pp.70-71
- V. **Cytotoxic dose assessment of cell stress inducers on human bone marrow mesenchymal stem cells by real-time xCELLigence impedance analysis**  
AYGAR S., BALTA G., Saltik B. C., KILIÇ E., CETINKAYA D. U.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.60
- VI. **Chemical inducers of Endoplasmic Reticulum (ER) Stress suppress proliferation and adipogenic differentiation of human Mesenchymal Stem Cells**  
Ulum B., Aerts-Kaya F. S. F., Teker H. T., BALTA G., Uckan-Cetinkaya D.  
41st Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, İstanbul, Turkey, 22 - 25 March 2015, vol.50
- VII. **Clinical and Laboratory Evaluation of Patients with Familial Hemophagocytic Lymphohistiocytosis in a Single Center; Striking the Importance of Central Nervous System and Hepatic Involvement**  
Beken B., Aytac Ş. S., KUŞKONMAZ B. B., BALTA G., Cetin M., Gurgey A., Cetinkaya D. U., GÜMRÜK F.  
56th Annual Meeting of the American-Society-of-Hematology, San-Francisco, Costa Rica, 6 - 09 December 2014, vol.124
- VIII. **Molecular characterization of a prototype family harboring two genomic instability disorders: Ataxia telangiectasia and fanconi anemia**  
BALTA G., PATIROĞLU T., GÜMRÜK F., Sanal O., GÜRGEY A., Altay C.  
49th Annual Meeting of the American-Society-of-Hematology, Georgia, United States Of America, 8 - 11 December 2007, vol.110
- IX. **Pyrimidine 5' nucleotidase-1 (P5N-1) deficiency associated with 4 novel mutations in 5 new Turkish families: Genotype-phenotype analysis.**  
Balta G., Gurgey A., Gumruk F., Buyukasik Y., Beksac M., Altay C.  
48th Annual Meeting of the American-Society-of-Hematology, Florida, United States Of America, 9 - 12 December 2006, vol.108

## Supported Projects

BALTA G., ÇELEBİ SALTİK B., ÇETİNKAYA F. D., Aygar S., Project Supported by Higher Education Institutions, İNSAN KEMİK İLİĞİ MEZENKİMAL KÖK HÜCRELERİNDE in vitro MİTOKONDİRİ HASAR MODELİ OLUŞTURULMASI, 2015 - 2019

## Metrics

Publication: 44

Citation (WoS): 467

Citation (Scopus): 510

H-Index (WoS): 13

H-Index (Scopus): 13