Asst. Prof. ARDA ÇETİNKAYA

Personal Information

Email: arda.cetinkaya@hacettepe.edu.tr
Web: https://avesis.hacettepe.edu.tr/arda.cetinkaya

International Researcher IDs
ORCID: 0000-0002-3528-9495
Yoksis Researcher ID: 120384

Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi (Türkçe), Dahili Tıp Bilimleri Bölümü, Turkey 2009 - 2014
Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji A.B.D., Turkey 2007 - 2011
Undergraduate, Hacettepe University, Tıp Fakültesi (İngilizce), Turkey 2003 - 2009

Foreign Languages

Japanese, B1 Intermediate
English, C2 Mastery

Dissertations

Expertise In Medicine, Transcriptome study in primary fibroblast cultures in craniosynostosis, Hacettepe University, Tıp Fakültesi (Türkçe), Dahili Tıp Bilimleri Bölümü, 2014
Doctorate, Investigating the effect of pyrinproteinon cell migration, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, 2011

Research Areas

Medicine, Health Sciences, Medical Biology, Internal Medicine Sciences, Medical Genetics

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Tıp Fakültesi (Türkçe), Dahili Tıp Bilimleri Bölümü, 2019 - Continues
Research Assistant, Hacettepe University, Tıp Fakültesi (Türkçe), Dahili Tıp Bilimleri Bölümü, 2009 - 2014

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Decreased calcium permeability caused by biallelic TRPV5 mutation leads to autosomal recessive renal calcium-wasting hypercalciuria**
GÜLERAY LAFCI N., van Goor M., Cetinkaya S., van der Wijst J., Acun M., Kurt Colak F., ÇETİNKAYA A., Hoenderop J.
European Journal of Human Genetics, 2024 (SCI-Expanded)

II. **Defining mitochondrial protein functions through deep multiomic profiling**
Rensvold J. W., Shishkova E., Sverchkov Y., Miller I. J., ÇETİNKAYA A., Pyle A., Manicki M., Brademan D. R., ALANAY Y., Raiman J., et al.
NATURE, vol.606, no.7913, pp.382-388, 2022 (SCI-Expanded)

III. **HEATR3 variants impair nuclear import of uL18 (RPL5) and drive Diamond-Blackfan anemia**
O'Donohue M., Da Costa L., Lezzerini M., Unal S., Joret C., Bartels M., Brilstra E., Scheijde-Vermeulen M., Wacheul L., De Keersmaecker K., et al.
Blood, vol.139, no.21, pp.3111-3126, 2022 (SCI-Expanded)

IV. **One Disease with two Faces: Semidominant Inheritance of a Novel HTRA1 Mutation in a Consanguineous Family**
Bekircan-Kurt C. E., ÇETİNKAYA A., GÖÇMEN R., KOŞUKCU C., Soylemezoglu F., ARSAVA E. M., Tuncer A., ERDEM ÖZDAMAR S., Akarsu N. A., TOPÇUOĞLU M. A.
JOURNAL OF STROKE & CEREBROVASCULAR DISEASES, vol.30, no.9, 2021 (SCI-Expanded)

V. **Loss of C2orf69 defines a fatal autoinflammatory syndrome in humans and zebrafish that evokes a glycogen-storage-associated mitochondriopathy**
Wong H. H., Seet S. H., Maier M., GÜREL A., Traspas R. M., Lee C., Zhang S., TALİM B., Loh A. Y. T., Chia C. Y., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.108, no.7, pp.1301-1317, 2021 (SCI-Expanded)

VI. **Comprehensive clinical, biochemical, radiological and genetic analysis of 28 Turkish cases with suspected metachromatic leukodystrophy and their relatives**
Pekgul F., Eroglu-Ertugrul N. G., Bekircan-Kurt C. E., Erdem-Ozdamar S., Cetinkaya A., Tan E., Konuskan B., Karaagaoglu E., Topcu M., Akarsu N. A., et al.
MOLECULAR GENETICS AND METABOLISM REPORTS, vol.25, 2020 (SCI-Expanded)

VII. **Novel FBN1 mutation in a family with inherited Marfan Syndrome: p.Cys2672Arg**
Cetinkaya A., Karaman A., Mutlu M. B., Yavuz T.
CONGENITAL ANOMALIES, vol.58, no.1, pp.41-43, 2018 (SCI-Expanded)

VIII. **Dermal fibroblast transcriptome indicates contribution of WNT signaling pathways in the pathogenesis of Apert syndrome**
Çetinkaya A., Taşkıran E., Soyer T., Şimşek-Kiper P., Utine G., Tunçbilek G., Boduroğlu K., Alikaşifoğlu M.
TURKISH JOURNAL OF PEDIATRICS, vol.59, no.6, pp.619-624, 2017 (SCI-Expanded)

IX. **A novel missense mutation, p.(R102W) in WNT7A causes Al-Awadi Raas-Rothschild syndrome in a fetus**
Mutlu M. B., Cetinkaya A., Koc N., Ceylaner G., Erguner B., Aydin H., Karaman S., Demirci O., Goksu K., Karaman A.
EUROPEAN JOURNAL OF MEDICAL GENETICS, vol.59, no.11, pp.604-606, 2016 (SCI-Expanded)

X. **Loss-of-Function Mutations in ELMO2 Cause Intraosseous Vascular Malformation by Impeding RAC1 Signaling**
Cetinkaya A., Xiong J. R., Vargel İ., Kösemehmetoğlu K., Canter H. I., Gerdan O. F., Longo N., Alzahrani A., Camps M. P., Taskiran E. Z., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.99, no.2, pp.299-317, 2016 (SCI-Expanded)

XI. **Genetic Variations in Attention Deficit Hyperactivity Disorder Subtypes and Treatment Resistant Cases**
Ünal D., Ünal M. F., Alikaşifoğlu M., Cetinkaya A.
PSYCHIATRY INVESTIGATION, vol.13, no.4, pp.427-433, 2016 (SCI-Expanded)

XII. **Evaluation of maternal serum folate, vitamin B12, and homocysteine levels and factor V Leiden, factor II g.20210G > A, and MTHFR variations in prenatally diagnosed neural tube defects**
Aydin H., Arisoy R., Karaman A., Erdogdu E., Cetinkaya A., Geçkinli B. B., Simsek H., Demirci O.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.46, no.2, pp.489-494, 2016 (SCI-Expanded)

XIII. **A Diagnosis to Consider in Intellectual Disability: Mowat-Wilson Syndrome**
Kılıç E., Cetinkaya A., Ütine G. E., Boduroğlu K.
Journal of Child Neurology, vol.31, no.7, pp.913-917, 2016 (SCI-Expanded)

XIV. **DNA damage is increased in lymphocytes of patients with metabolic syndrome**
Karaman A., Aydin H., Geckinli B., Cetinkaya A., Karaman S.

MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.782, pp.30-35, 2015 (SCI-Expanded)

XV. **Etiological yield of SNP microarrays in idiopathic intellectual disability**
Ütine G. E., Halıloglu G., Volkan-Salancı B., Cetinkaya A., Kıper P. O., Alanay Y., Aktas D., Anlar B., Topçu M., Boduroglu K., et al.
EUROPEAN JOURNAL OF PAEDIATRIC NEUROLOGY, vol.18, no.3, pp.327-337, 2014 (SCI-Expanded)

XVI. **A Homozygous Deletion in GRID2 Causes a Human Phenotype With Cerebellar Ataxia and Atrophy**
Ütine G. E., Haliloglu G., Volkan Salancı B., Çetinkaya A., Şimşek Kiper P. Ö., Alanay Y., Aktas D., Boduroğlu O. K., Alikaşifoğlu M.
JOURNAL OF CHILD NEUROLOGY, vol.28, no.7, pp.926-932, 2013 (SCI-Expanded)

XVII. **The effect of colchicine on pyrin and pyrin interacting proteins.**
Taskiran E. Z., Cetinkaya A., Balci-Peynircioglu B., Akkaya Y. Z., Yilmaz E.
Journal of cellular biochemistry, vol.113, no.11, pp.3536-46, 2012 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **In vitro Translasyon ile Ribozom İşlev Tayini**
KILIÇ H. B., ÇETİNKAYA A., AKARSU A. N., KOCAEFE Y. Ç.
26. Ulusal Tıbbi Biyoloji ve Genetik Kongresi 2021, Turkey, 28 - 31 October 2021, vol.1, pp.277-278

II. **Dismorfik Bulguları ve Selektif IgA Eksikliği Tanısıyla İzlenen Monozomi 18p Olgusu**
ZENGİN AKKUŞ P., ÇETİNKAYA A., ÇAĞDAŞ AYVAZ D. N., ALİKAŞİFOĞLU M., ALİKAŞİFOĞLU A., KANDEMİR N., TEZCAN F. İ., UTİNE G. E., BODUROĞLU O. K.
2. Klinik İmmünoloji Kongresi, Antalya, Turkey, 31 March - 03 April 2016

Supported Projects

ÇETİNKAYA A., TUBITAK Project, Konjenital Kemik İliği Yetmezliği Sendromlarında Genetik Etiyolojinin Araştırılması Ve Translasyon Tayini (Riboeurope), 2020 - 2023
Çetinkaya A., Gürel A., Akarsu A. N., Ünal Cangül Ş., Gümrük F., Association (NGO), Trombositopeni Ağırlıklı Shwachman-Diamond Sendromunda Ekzositoz İle İlişkili Yeni Gen Keşfi, 2020 - 2021
Çetinkaya A., Boduroğlu O. K., Tunçbilek M. G., Ütine G. E., Alikaşifoğlu M., Şimşek Kiper P. Ö., Project Supported by Higher Education Institutions, Kraniyosinostozlarda Primer Fibroblast Kültüründe Transkriptom Çalışması, 2012 - 2014
Çetinkaya A., Akkaya Ulum Z. Y., Taşkıran Z. E., Peynircioğlu B., Yılmaz E., Project Supported by Higher Education Institutions, Pyrin Proteini ve Mutantlarının ASC (Apoptosis-associated Speck-like protein containing a Caspase recruitment domain) Speck Oluşumuna Etkisi ve Bu Süreçte Kolşisinin Rolü, 2010 - 2010

Metrics

Publication: 19
Citation (WoS): 183
Citation (Scopus): 193
H-Index (WoS): 6
H-Index (Scopus): 7

Non Academic Experience

Public Hospital, Zeynep Kamil Kadın ve Çocuk Hastalıkları Eğitim ve Araştırma Hastanesi, Tıbbi Genetik