

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 pyrinprotein on 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., Soylemezoğlu 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., Alikasıfoğlu 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 ELM02 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., Alikasıfoğlu 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., Hahiloglu G., Volkan-Salancı B., Cetinkaya A., Kiper 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., Alikasıfoğlu 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., Alikasıfoğlu 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): 198

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