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Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Duchenne/Becker Kas Distrofisi hastalarında multipleks polimeraz zincir reaksiyonu ile delesyon analizi, Hacettepe University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji A.B.D., 1994
Postgraduate, Herpes simplex tip 1 viruslara ait DNA'xxların izolasyonu ve biyolojik aktivitelerinin saptanması, Hacettepe University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji A.B.D., 1988

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe University, Tıp Fakültesi (İngilizce), Temel Tıp Bilimleri Bölümü, 2003 - Continues

Academic and Administrative Experience

Program Koordinatörü, Hacettepe University, Tıp Fakültesi (İngilizce), Temel Tıp Bilimleri Bölümü, 2011 - 2014

Courses

Genom varyasyonları ve oluşum mekanizmaları, Doctorate, 2019 - 2020
Kalıtım Biyolojisi , Doctorate, 2018 - 2019
Kalıtımın temelleri, Postgraduate, 2016 - 2017

Cell organelles, Undergraduate, 2016 - 2017
Mutation, Undergraduate, 2016 - 2017
Mendellian geNETİCS, Undergraduate, 2016 - 2017

Advising Theses

Dinçer P. R., Desmin Proteinin Mekanoregülatör Rolünün Araştırılması, Doctorate, N.Düz(Student), Continues
Dinçer P. R., INVESTIGATION OF POTENTIAL MECHANISMS FOR NUCLEAR TRANSPORT OF DESMIN, Doctorate, E.KURAL(Student), Continues
Dinçer P. R., Therapeutic XMU-MP-1 Application in Desma Mutant Zebrafish Model. , Postgraduate, Z.Çınar(Student), 2021
Dinçer P. R., Investigation of the role of LAP1B in transcriptional regulation of muscle cells, Doctorate, G.KAYMAN(Student), 2021
Dinçer P. R., Limb-girdle Kas Distrofisi 2R (LGMD2R)'de Mekanotransdüksiyonun Rolünün Araştırılması, Postgraduate, Ş.Ünsal(Student), 2019
Dinçer P. R., Evaluation of Phenotypic Effects of Genome Editing Mediated TGFBI Variation on Zebrafish Cornea, Doctorate, F.YAYLACIOĞLU(Student), 2019
DİNÇER P. R., Desmin ve lamin B etkileşiminin zebra balığında araştırılması, Postgraduate, E.KURAL(Student), 2017
DİNÇER P. R., Desma ve DESMB knockout zebra balığı modellerinde desmin ifadesinin incelenmesi, Postgraduate, C.KOYUNLAR(Student), 2017
DİNÇER P. R., Allelik heterojenitenin gözlendiği kas distrofilerinin biyoenformatik araçlar kullanılarak araştırılması, Doctorate, A.ECE(Student), 2015
DİNÇER P. R., Otozomal resesif limb-girdle kas distrofisi tanısı alan ailelerde yeni gen araştırılması, Postgraduate, G.KAYMAN(Student), 2014
DİNÇER P. R., Desmin geni c.1289-2A>G mutasyonunun desmin proteinine etkisinin incelenmesi, Doctorate, N.ÇETİN(Student), 2012
DİNÇER P. R., Limb girdle kas distrofisi fenotipinden sorumlu yeni gen araştırılması, Doctorate, H.GÜNDEŞLİ(Student), 2011
DİNÇER P. R., C2C12 fare miyoblast hücre hattında kalıcı transfeksiyonun gerçekleştirilmesi, Postgraduate, M.DENİZ(Student), 2009
DİNÇER P. R., Beta galaktozid alfa-2,6-siyaliltransferaz (ST6Gal1)'ın Sporadik İnklüzyon Cisimcik Miyoziti (sIBM) patogenezindeki rolünün in vitro model oluşturularak araştırılması, Doctorate, B.BALCI(Student), 2008
DİNÇER P. R., Nonsendromik işitme kaybında 2p25 kromozom bandının aday gen açısından taranması, Postgraduate, H.GÜNDEŞLİ(Student), 2006
DİNÇER P. R., İşitme kaybından sorumlu connexin 26 (Cx26/GJB2) geni 35delG mutasyonunun populasyonumuz için atasal haplotipinin belirlenmesi, Postgraduate, B.BALCI(Student), 2002

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Applications of CRISPR Epigenome Editors in Tumor Immunology and Autoimmunity**
Yahsi B., Palaz F., DİNÇER P. R.
ACS Synthetic Biology, vol.13, no.2, pp.413-427, 2024 (SCI-Expanded)

II. **Mimicking TGFBI Hot-Spot Mutation Did Not Result in Any Deposit Formation in the Zebrafish Cornea**
Yaylacıoğlu Tuncay F., TALİM B., DİNÇER P. R.
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III. **Angiotensin receptor blocker use is associated with upregulation of the memory-protective angiotensin type 4 receptor (AT(4)R) in the postmortem brains of individuals without cognitive impairment**

Cosardereliogiu C., Nidadavolu L. S., George C. J., Marx-Rattner R., Powell L., Xue Q., Tian J., Oh E. S., Ferrucci L., DİNÇER P. R., et al.
GEROSCIENCE, vol.45, no.1, pp.371-384, 2023 (SCI-Expanded)

IV. **Clinical trials and promising preclinical applications of CRISPR/Cas gene editing**
Çerçi B., Uzay I. A., KARA M., DİNÇER P. R.
Life Sciences, vol.312, 2023 (SCI-Expanded)

V. **Higher Angiotensin II Type 1 Receptor Levels and Activity in the Postmortem Brains of Older Persons with Alzheimer's Dementia**
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JOURNALS OF GERONTOLOGY SERIES A-BIOLOGICAL SCIENCES AND MEDICAL SCIENCES, vol.77, no.4, pp.664-672, 2022 (SCI-Expanded)

VI. **Could TGFBI-related corneal dystrophies be mimicked in zebrafish via CRISPR/Cas9-mediated hot spot arginine variations?**
Tuncay F. Y., TALİM B., DİNÇER P. R.
EUROPEAN JOURNAL OF HUMAN GENETICS, vol.30, no.SUPPL 1, pp.140, 2022 (SCI-Expanded)

VII. **Knockout of zebrafish desmin genes does not cause skeletal muscle degeneration but alters calcium flux.**
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Scientific reports, vol.11, pp.7505, 2021 (SCI-Expanded)

VIII. **Physical evidence on desmin-lamin B interaction**
KURAL MANGIT E., DİNÇER P. R.
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IX. **No compartment for proteins - an approach for isolating differentially located intermediate filaments**
Mangit E. K., Dincer P. R.
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X. **Loss of mechanosensitivity causes skeletal muscle degeneration in LGMD2R**
Unsal S., Dincer P. R.
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XI. **LARGE expression in different types of muscular dystrophies other than dystroglycanopathy**
Balci-Hayta B., TALİM B., KALE G., Dincer P.
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XII. **Gene co-expression network analysis of dysferlinopathy: Altered cellular processes and functional prediction of TOR1AIP1 a novel muscular dystrophy gene**
Cali-Daylan A. E., Dincer P.
NEUROMUSCULAR DISORDERS, vol.27, no.3, pp.269-277, 2017 (SCI-Expanded)

XIII. **Genetic analysis of CHST6 and TGFBI in Turkish patients with corneal dystrophies: Five novel variations in CHST6**
TUNCAY F. Y., KUREKCI G. K., Ergun S. G., Pasaoglu O. T., Akata R. F., DİNÇER P. R.
MOLECULAR VISION, vol.22, pp.1267-1279, 2016 (SCI-Expanded)

XIV. **Proinflammatory effect of AbetaPP induced ST6GAL1 secretion from C2C12 myogenic cell line**
HAYTA B., ERDEM ÖZDAMAR S., Dincer P.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.40, no.1, pp.31-36, 2015 (SCI-Expanded)

XV. **Response (to Sewry and Goebel).**
Kayman-Kurekci G., Korkusuz P., Dincer P. R.
Neuromuscular disorders : NMD, vol.24, pp.1122, 2014 (SCI-Expanded)

XVI. **Mutation in TOR1AIP1 encoding LAP1B in a form of muscular dystrophy: A novel gene related to nuclear envelopathies**
Kayman-Kurekci G., TALİM B., KORKUSUZ P., Sayar N., Sarioglu T., Oncel I., Sharafi P., Gundesli H., Balci-Hayta B.,

PURALI N., et al.
NEUROMUSCULAR DISORDERS, vol.24, no.7, pp.624-633, 2014 (SCI-Expanded)

XVII. **A novel desmin mutation leading to autosomal recessive limb-girdle muscular dystrophy: distinct histopathological outcomes compared with desminopathies.**
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Journal of medical genetics, vol.50, no.7, pp.437-43, 2013 (SCI-Expanded)

XVIII. **Coexistence of two distinct intragenic dystrophin deletions in two maternal cousins with Duchenne Muscular Dystrophy**
Balci-Hayta B., TALİM B., Dincer P., Topaloglu H.
NEUROMUSCULAR DISORDERS, vol.23, no.1, pp.15-18, 2013 (SCI-Expanded)

XIX. **An efficient method for stable transfection of mouse myogenic C2C12 cell line using a nonviral transfection approach**
Akyuz M. D., Hayta B., Dincer P. R.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.41, no.5, pp.821-825, 2011 (SCI-Expanded)

XX. **BRIEF REPORT A Dystroglycan Mutation Associated with Limb-Girdle Muscular Dystrophy**
Hara Y., Balci-Hayta B., Yoshida-Moriguchi T., Kanagawa M., de Bernabe D. B., Gundesli H., Willer T., Satz J. S., Crawford R. W., Burden S. J., et al.
NEW ENGLAND JOURNAL OF MEDICINE, vol.364, no.10, pp.939-946, 2011 (SCI-Expanded)

XXI. **Overexpression of amyloid beta precursor protein enhances expression and secretion of ST6Gal1 in C2C12 myogenic cell line.**
BALCI-HAYTA B., Erdem-Ozdamar S., DINCER P. R.
Cell biology international, vol.35, no.1, pp.9-13, 2011 (SCI-Expanded)

XXII. **Mutation in exon 1f of PLEC, leading to disruption of plectin isoform 1f, causes autosomal-recessive limb-girdle muscular dystrophy.**
Gundesli H., TALİM B., KORKUSUZ P., Balci-Hayta B., Cirak S., Akarsu N. A., Topaloglu H., Dincer P. R.
American journal of human genetics, vol.87, no.6, pp.834-41, 2010 (SCI-Expanded)

XXIII. **Efficient transfection of mouse-derived C2C12 myoblasts using a matrigel basement membrane matrix.**
Balci B., Dinçer P. R.
Biotechnology journal, vol.4, pp.1042-5, 2009 (SCI-Expanded)

XXIV. **Eosinophilic myositis in calpainopathy: Could immunosuppression of the eosinophilic myositis alter the early natural course of the dystrophic disease?**
Oflazer P. S., Gundesli H., ZORLUDEMİR S., Sabuncu T., Dincer P.
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XXV. **Linkage Analysis in a Large Primary Osteoporosis Family**
Balci B., Yildiz B. O., Ofir R., Dincer P., BAYRAKTAR M.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.33, no.4, pp.215-222, 2008 (SCI-Expanded)

XXVI. **Prenatal diagnosis of muscle-eye-brain disease**
Balci B., Morris-Rosendahl D. J., Celebi A., Talim B., Topaloglu H., Dincer P. R.
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XXVII. **Calpain-3 mutations in Turkey**
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EUROPEAN JOURNAL OF PEDIATRICS, vol.165, no.5, pp.293-298, 2006 (SCI-Expanded)

XXVIII. **Identification of an ancestral haplotype of the 35delG mutation in the GJB2 (connexin 26) gene responsible for autosomal recessive non-syndromic hearing loss in families from the Eastern Black Sea region in Turkey**
Balci B., Gerceker F., Aksoy S., Sennaroglu G., Kalay E., Sennaroglu L., Dincer P. R.
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Balci B., Uyanik G., Dincer P. R., Gross C., Willer T., Talim B., Haliloglu G., Kale G., Hehr U., Winkler J., et al.
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XXX. **A novel form of recessive limb girdle muscular dystrophy with mental retardation and abnormal expression of alpha-dystroglycan**
Dincer P. R., Balci B., Yuva Y., Talim B., Brockington M., Dincel D., Torelli S., Sue B., Kale G., Haliloglu G., et al.
NEUROMUSCULAR DISORDERS, vol.13, no.10, pp.771-778, 2003 (SCI-Expanded)

XXXI. **A large consanguineous osteoporosis family with 20 affected individuals**
Dincer P. R., YILDIZ O. B., Balci B., Bayraktar M.
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XXXII. **A homozygous nonsense mutation in delta-sarcoglycan exon 3 in a case of LGMD2F**
Dincer P. R., Bonnemann C., Aker O., Akcoren Z., Nigro V., Kunkel L., Topaloglu H.
NEUROMUSCULAR DISORDERS, vol.10, pp.247-250, 2000 (SCI-Expanded)

XXXIII. **A cross section of autosomal recessive limb-girdle muscular dystrophies in 38 families**
Dincer P. R., Akcoren Z., Demir E., Richard I., Sancak O., Kale G., Ozme S., Karaduman A., Tan E., Urtizberea J., et al.
JOURNAL OF MEDICAL GENETICS, vol.37, no.5, pp.361-367, 2000 (SCI-Expanded)

XXXIV. **Heterogeneity within subgroups of the autosomal recessive limb girdle muscular dystrophy in Turkey.**
Dincer P. R., Akcoren Z., Demir E., Richard I., Sancak O., Kale G., Ozme S., Tan E., Urtizberea J., Beckmann J., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.65, no.4, 1999 (SCI-Expanded)

XXXV. **Prenatal diagnosis of limb-girdle muscular dystrophy type 2C.**
Dinçer P. R., Piccolo F., Leturcq F., Kaplan J. C., Jeanpierre M., Topaloğlu H.
Prenatal diagnosis, vol.18, pp.1300-3, 1998 (SCI-Expanded)

XXXVI. **DNA diagnostic tests in Xp21 dystrophy families for prenatal diagnosis.**
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The Turkish journal of pediatrics, vol.40, pp.347-55, 1998 (SCI-Expanded)

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NEUROPEDIATRICS, vol.28, no.4, pp.212-216, 1997 (SCI-Expanded)

XXXVIII. **A biochemical, genetic, and clinical survey of autosomal recessive limb girdle muscular dystrophies in Turkey**
Dincer P. R., Leturcq F., Richard I., Piccolo F., Yalnizoglu D., deToma C., Akcoren Z., Broux O., Deburgrave N., Brenguier L., et al.
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XXXIX. **Correlation of laboratory and clinical findings with the location of Xp21 deletion in Duchenne muscular dystrophy.**
Taşdemir H. A., Topaloğlu H., Dinçer P. R., Göğüş S., Kotiloğlu E., Ozdirim E., Yalaz K.
The Turkish journal of pediatrics, vol.39, pp.317-24, 1997 (SCI-Expanded)

XL. **Multiple independent molecular etiology for limb-girdle muscular dystrophy type 2A patients from various geographical origins**
Richard I., Brenguier L., Dincer P., Roudaut C., Bady B., Burgunder J., Chemaly R., Garcia C., Halaby G., Jackson C., et al.
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XLI. **Identification of muscle-specific calpain and beta-sarcoglycan genes in progressive autosomal recessive muscular dystrophies**
Beckmann J., Richard I., Broux O., Fougerousse F., Allamand V., Chiannilkulchai N., Lim L., Duclos F., Bourg N., Brenguier L., et al.
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II. **Genome Editing Technologies: From Bench Side to Bedside**
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III. **Gestational Outcomes of Pregnant Women Who Have Had Invasive Prenatal Testing for the Prenatal Diagnosis of Duchenne Muscular Dystrophy**
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IV. **INHERITANCE OF ACQUIRED EPIGENETIC MODIFICATIONS AND ITS ROLE IN DISEASE SUSCEPTIBILITY**
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VI. **Exome Sequencing for The Identification of Mendelian Disease Genes**
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2. Genetikte Güncel Tedaviler, Konya, Turkey, 5 - 06 October 2019, pp.3

X. **Cells lacking LAP1B are defective in withdrawal from the cell cycle during myogenic differentiation.**
Kayman Kürekçi G., Acar A. C., Dinçer P. R.
XVI. Congress of the Medical Biology and Genetics Society of Turkey, Muğla, Turkey, 27 October 2019, pp.5

XI. **Intramuscular drug application in zebrafish**
Çinar Z., Dinçer P. R.
Moleküler Biyoloji Derneği 7.Uluslararası Kongresi, İstanbul, Turkey, 27 September 2019

XII. **Loss of mechanosensitivity causes skeletal muscle degeneration in LGMD2R**
Ünsal Ş., Dinçer P. R.
44th FEBS Congress, Krakow, Poland, 6 - 11 July 2019

XIII. **Limb-Girdle Muscular Dystrophy 2R modelling in zebrafishto determine a novel mechanism related to desmin-lamin B interaction**
KAYMAN KÜREKÇİ G., KURAL MANGIT E., ÜNSAL Ş., YERSAL N., ERGİN B., SAĞLAM B., DÜZ N., ÇINAR Z., TALİM B., KORKUSUZ P., et al.
Keystone Symposia, 11 - 15 November 2018

XIV. **Modeling of a unique desmin mutation in zebrafish by using genome editing brings new insights into desmin function**
Kurekci G. K., Koyunlar C., Kural E., Talim B., Ergin B., Unsal S., Purali N., Korkusuz P., Ozdamar S. E., Dincer P. R.
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.427

XV. **Analysing the expression profiles of human DES orthologous desma and desmb by using knockout zebrafish models**
Koyunlar C., Kayman-Kurekci G., Kural E., Talim B., Purali N., Dincer P. R.
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.618

XVI. **Hacettepe University Zebrafish Research Laboratory: Rare diseases modeling in zebrafish by using genome editing tools**
Kural E., Kurekci G. K., Koyunlar C., Tuncay F. Y., Unsal S., Dincer P. R.
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.987

XVII. **Disease Modeling in Zebrafish: Limb-Girdle MuscularDystrophy 2R**
ÜNSAL Ş., KAYMAN KÜREKÇİ G., KURAL MANGIT E., TALİM B., YERSAL N., ERGİN B., DÜZ N., ÇİNAR Z., KORKUSUZ P., PURALI N., et al.
6th International Congress of the Molecular Biology Association of Turkey, Turkey, 5 - 08 September 2018, pp.5-6

XVIII. **Myogenic Differentiation and Fusion Defects in Myoblasts Lacking LAP1B**
Kayman Kürekçi G., Dinçer P. R.
6th International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 05 September 2018, vol.1, pp.162

XIX. **A novel method for monitoring Ca2+ transients in zebrafish muscle fibers**
Ergin B., Sağlam B., Ünsal Ş., Puralı N., Dinçer P. R.
11th FENS Forum of Neuroscience, Berlin, Germany, 7 - 11 July 2018

XX. **Rare disease modeling by genome editing tools in zebrafish**
Kural Mangıt E., Kayman Kürekçi G., Koyunlar C., Yaylacıoğlu Tuncay F., Önal G., Ünsal Ş., Şirin B., Dinçer P. R.
15. Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 October 2017, pp.149

XXI. **Modeling LGMD2R in Zebrafish Using Genome Editing Tools**
Kural Mangıt E., Kayman Kürekçi G., Koyunlar C., Yayıcıoğlu Tuncay F., Ünsal Ş., Dinçer P. R.
Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 26 - 29 October 2017

XXII. **LGMD2R disease modeling in zebrafish by genome editing tools**

Kayman Kürekçi G., Kural Mangıt E., Koyunlar C., Ünsal Ş., Dinçer P. R.
Mammalian Genetics and Genomics: From Molecular Mechanisms to Translational Applications, Heidelberg, Germany, 24 - 27 October 2017

XXIII. **In vivo targeted mutagenesis via CRISPR/Cas9 and TALEN in zebrafish enables rapid screening of candidate rare diseases genes**
Kurekci G. K., Unsal S., Dincer P. R.
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.171

XXIV. **Desmin Mutation with an ultra rare and unique phenotype: Genome editing for a patient specific zebrafish model**
Kayman Kürekçi G., Koyunlar C., Kural Mangıt E., Talim B., Korkusuz P., Erdem Özdamar S., Puralı N., Dinçer P. R.
keystone symposia Rare and Undiagnosed Diseases, Massachusetts, United States Of America, 3 - 05 August 2017

XXV. **Modeling of a unique desmin mutaion in zebrafish by using genome editing brings new insights into desmin function**
KAYMAN KÜREKÇİ G., Koyunlar C., KURAL MANGIT E., TALİM B., ERGİN B., ÜNSAL İ., PURALI N., KORKUSUZ P., ERDEM ÖZDAMAR S., DİNÇER P. R.
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XXVI. **Co-expression Network of a Rare Disease: Significant Genes in Dysferlinopathy and Functional Prediction of TOR1AIP1**
Daylan A., Dinçer P. R.
Rare and Undiagnosed Diseases: Discovery and Models of Precision Therapy (Keystone Symposia), Massachusetts, United States Of America, 3 - 08 May 2017

XXVII. **Hacettepe University Zebrafish Research Laboratory: zebrafish disease modeling by genome editing tools**
KURAL E., KAYMAN-KUREKCI G., KOYUNLAR C., DİNÇER P. R.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.116

XXVIII. **A novel mutation in the desmin gene DES cause an autosomal recessive form of limb girdle muscular dystrophy type 2R without clear cut desminopathy pathology.**
Hayta B., Puralı N., Tan M. E., Erdem Özdamar S., Talim B., Korkusuz P., Dinçer P. R.
ESHG, Barcelona, Spain, 21 May 2016, pp.45

XXIX. **Activation of the mitochondrial unfolded protein responce pathway in C2C12 myoblast cell lin**
Aksu Mengeş E., Talim B., Dinçer P. R., Hayta B.
ESHG, Barcelona, Spain, 21 May 2016, pp.15

XXX. **Çekirdek zarfı hastalıkları ile ilişkili yeni bir gen: TOR1AIP1 ve kas distrofisi**
Dinçer P. R.
14. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 October 2015, pp.23

XXXI. **Histopathological characteristics of muscular dystrophy caused by mutation in the nuclear envelope protein LAP1B**
Kayman Kürekçi G., Talim B., Korkusuz P., Hayta B., Puralı N., Dinçer P. R.
7th UK Conference on the Nuclear Envelope in Disease and Chromatin Organization, Sheffield, United Kingdom, 22 June 2015

XXXII. **A Novel Nuclear Envelopathy-Related Gene: Mutation İn Tor1aip1 Encoding Lap1b Causes Muscular Dystrophy**
Dinçer P. R.
Türkiye Moleküler Biyoloji Derneği 3. Uluslararasi Kongresi, İzmir, Turkey, 11 September 2014, pp.15

XXXIII. **Torsin A-interacting protein 1/Lamina-associated polypeptide 1B in a form of limb-girdle muscular dystrophy: a novel gene related to nuclear envelopathies**
Kayman Kürekçi G., Hayta B., Talim B., Puralı N., Dinçer P. R.
18. International Meeting of the World Muscle Society, California, United States Of America, 05 October 2013, pp.64

XXXIV. **A novel desmin mutation causes autosomal recessive limb girdle muscular dystrophy without**

features of myofibrillar myopathy
Cetin N., Balci-Hayta B., Gundesli H., KORKUSUZ P., PURALI N., TALİM B., Tan E., Selcen D., Erdem-Ozdamar S., DİNÇER P. R.
18th International Congress of the World-Muscle-Society (WMS), California, United States Of America, 1 - 05 October 2013, vol.23, pp.851-852

XXXV. **Reduction of LARGE expression in different types of muscular dystrophies other than dystroglycanopathy**
Balci-Hayta B., Talim B., Topaloglu H., Kale G., Dincer P. R.
18th International Congress of the World-Muscle-Society (WMS), California, United States Of America, 1 - 05 October 2013, vol.23, pp.780

XXXVI. **Inflammatory effect of AbetaPP induced ST6Gal1 secretion from myogenic cell line**
Balci-Hayta B., Erdem-Ozdamar S., Dincer P. R.
16th International Congress of the World-Muscle-Society, Algarve, Portugal, 18 - 22 October 2011, vol.21, pp.746

XXXVII. **Mutation screening of CAPN3 gene in 13 Turkish LGMD2A patients**
Guendesli H., Balci B., Talim B., Topaloglu H., Dincer P. R.
12th International Congress of the World-Muscle-Society, Giardini Naxos, Italy, 17 - 20 October 2007, vol.17, pp.791

XXXVIII. **The first successful prenatal diagnosis in two different forms of muscular dystrophies: MEB and LGMD2M**
Balci B., Topaloglu H., Dincer P. R.
11th International Congress of the World-Muscle-Society, Bruges, Belgium, 4 - 07 October 2006, vol.16, pp.678-679

XXXIX. **Limb-girdle muscular dystrophy and mental retardation (LGMD2M) has a heterogeneous background**
Haliloglu G., Balci B., Talim B., Dincer P. R., Topaloglu H.
11th International Congress of the World-Muscle-Society, Bruges, Belgium, 4 - 07 October 2006, vol.16, pp.679-680

XL. **The first prenatal diagnosis in Muscle-Eye-Brain Disease**
Balci B., Celebi A., Talim B., Dincer P., Topaloglu H.
11th International Congress on Neuromuscular Diseases, İstanbul, Turkey, 2 - 07 July 2006, vol.16

XLI. **Autosomal recessive limb-girdle muscular dystrophies (LGMD2s) in Turkey**
Balci B., Talim B., Akcoeren Z., Caglar M., Kale G., Topaloglu H., Dincer P.
11th International Congress on Neuromuscular Diseases, İstanbul, Turkey, 2 - 07 July 2006, vol.16

XLII. **Consanguinity and neuromuscular disorders in Turkey**
Dincer P.
11th International Congress on Neuromuscular Diseases, İstanbul, Turkey, 2 - 07 July 2006, vol.16

XLIII. **Muscle pathology in childhood cases of calpainopathy**
Talim B., Dincer P. R., Richard I., Aurino S., Akcoren Z., Haliloglu G., Kale G., Leturcq F., Nigro V., Topaloglu H.
9th International Congress of the World-Muscle-Society, Goteborg, Sweden, 1 - 04 September 2004, vol.14, pp.605

XLIV. **Autosomal recessive limb-girdle muscular dystrophy with severe mental retardation: a new phenotype with glycosylation defects of alpha-dystroglycan**
Dincer P. R., Balci B., Yuva Y., Talim B., Brockington M., Dincel D., Gerceker F., Haliloglu G., Atalay R., Yakicier C., et al.
7th International Congress of the World-Muscle-Society, Rotterdam, Netherlands, 2 - 05 October 2002, vol.12, pp.721

Supported Projects

GÜNTEKİN ERGÜN S., DİNÇER P. R., SARI S., AVCI A., Project Supported by Higher Education Institutions, Hepatosellüler Kanser Tedavisi için Hippo Sinyal Yolaği YAP Proteini Hedefli Yeni Aday Moleküllerin Geliştirilmesi, 2021 - 2024
Dinçer P. R., Yılmaz M., H2020 Project, Development of Bio-Pesticides and -Herbicides for Sustainable Agricultural Crop Production, 2021 - 2024
Dinçer P. R., Uyanık İ., H2020 Project, System identification of the dynamics of multisensory integration, 2021 - 2023

Dinçer P. R., TUBITAK Project, Investigation of Potential Mechanisms for Nuclear Transport of Desmin, 2021 - 2023
Dinçer P. R., Güntekin Ergün S., Talim B., Yaylacıoğlu Tuncay F., TUBITAK Project, CRISPR/Cas9 Aracılığıyla LRP5 Mutant Zebra Balığı Oluşturularak Oküler Gelişim Patolojisinin İncelenmesi , 2021 - 2022
Dinçer P. R., TUBITAK Project, Yüksek Performanslı Hücre Germe Cihazı Geliştirilmesi, 2021 - 2022
DİNÇER P. R., Çinar Z., Project Supported by Higher Education Institutions, Desma Mutant Zebra Balığı Modelinde Tedavi Amaçlı XMU-MP-1 Uygulaması, 2018 - 2021
BALCI B., PEYNİRCİOĞLU B., AKSU E., ÖZMEN M., AKKAYA ULUM Z. Y., TOPALOĞLU H. A., YARIM-YÜKSEL M., DİNÇER P. R., DAYANGAÇ ERDEN D., BAKIR-GÜNGÖR B., et al., Project Supported by Higher Education Institutions, Nöromüsküler Hastalıklarda Hedefe Yönelik Tedavide Mitokondriyal Mikro RNA Biyobelirteçlerinin Tanımlanması, 2017 - 2021
DİNÇER P. R., ÖNAL G., ÜNSAL Ş., SARA M. Y., KURAL E., KAYMAN KÜREKÇİ G., YAYLACIOĞLU TUNCAY F., KESİKLİ B., ÇİNAR Z., DÜZ N., Project Supported by Higher Education Institutions, Nadir Hastalıklara Özgün CRISPR-Cas9 Platformlarının Zebra Balığında Oluşturulması ve Sürdürülebilirliğinin Sağlanması, 2017 - 2021
Dinçer P. R., Kural Mangıt E., Kayman Kürekçi G., Sara M. Y., Project Supported by Higher Education Institutions, Nadir Hastalıklara Özgün CRISPR-Cas9 Platformlarının Zebra Balığında Oluşturulması ve Sürdürülebilirliğinin Sağlanması, 2017 - 2021
DİNÇER P. R., KURAL MANGIT E., ÜNSAL Ş., Project Supported by Higher Education Institutions, Desmin ve Lamin B Proteinlerinin Etkileşim Partnerlerinin Yüksek Çözünürlüklü Kütle Spektroskopisi Kullanılarak Araştırılması, 2018 - 2020
DİNÇER P. R., TUBITAK Project, LAP1B Proteininin Kas Hücrelerinin Transkripsiyonel Regülasyonundaki Rolünün Araştırılması, 2017 - 2020
DİNÇER P. R., TUBITAK Project, Desmin Mutasyonunun Protein Işlevi Üzerindeki Etkisinin Zebra Balığı Modelinde Araştırılması, 2015 - 2018
DİNÇER P. R., KORKUSUZ P., TALİM B., ERDEM ÖZDAMAR S., KURAL E., Kayman Kürekçi G., KOYUNLAR C., Project Supported by Higher Education Institutions, Nadir Hastalıklar ve Yeni Tedavi Yaklaşımları: Ülkemiz için Fırsatlar ve Zorluklar, 2016 - 2016
DİNÇER P. R., KORKUSUZ P., Kayman Kürekçi G., TALİM B., Project Supported by Higher Education Institutions, "LAP1B nüklear proteininde saptanan mutasyonun neden olduğu kas distrofisinin histopatolojik özellikleri", 2015 - 2016
DİNÇER P. R., TUBITAK Project, Korneal stromal distrofi tanısı alan hastalarda genetik varyasyonların araştırılması, 2014 - 2016
DİNÇER P. R., Project Supported by Higher Education Institutions, Desmin mutasyonunun protein işlevi üzerindeki etkisinin zebra balığı modelinde araştırılması, 2014 - 2015
DİNÇER P. R., TUBITAK Project, Limb-Girdle Kas Distrofisi Fenotipinden Sorumlu Yeni Gen Araştırılması, 2012 - 2015
DİNÇER P. R., HAYTA B., TALİM B., KARABULUT E., TUBITAK Project, LIMB GIRDLE KAS DİSTROFİSİ FENOTİPİNDEN SORUMLU YENİ GEN ARAŞTIRILMASI, 2012 - 2015
Dinçer P. R., Ayter Ş., Project Supported by Higher Education Institutions, Investigation of LARGE gene expression in different muscular dystrophies, 2011 - 2012
Dinçer P. R., Project Supported by Higher Education Institutions, C2C12 hücre hattı kullanılarak nonviral metotla kalıcı transfeksiyon , 2009 - 2010
Dinçer P. R., TUBITAK Project, Osteoporoz Tanısı Alan Geniş Bir Ailede Moleküler Genetik Analizlerle Sorumlu Genin Saptanması, 2008 - 2009

Memberships / Tasks in Scientific Organizations

Medical Biology and Genetics Association, Member, 2019 - Continues, Turkey
Nöromüsküler Hastalıklar Araştırma Derneği, Member, 2016 - Continues, Turkey
Türkiye Sağlık Enstitüleri Başkanlığı, Member, 2016 - Continues, Turkey
Medical Genetics Association, Member, 2015 - Continues, Turkey
American Society of Human Genetics, Member, 2010 - Continues, United States Of America
Human Genome Organization, Member, 2000 - Continues, United States Of America
World Muscle Society, Member, 2000 - Continues, United Kingdom

Tasks In Event Organizations

Dinçer P. R., 2. Zebra balığı Çalıştayı, Workshop Organization, Turkey, Mart 2021
Dinçer P. R., Hastalıkların Modellenmesinde Zebra balığı Kullanımı Çalıştayı, Workshop Organization, Ankara, Turkey, Nisan 2018
Dinçer P. R., CRISPR/Cas9 Uygulamaları Kursu, Workshop Organization, Ankara, Turkey, Kasım 2016

Mobility Activity

Improving Competencies and Qualifications, Get Education, University of London-Kings College London, England, 2014 - 2014

Metrics

Publication: 113
Citation (WoS): 798
Citation (Scopus): 917
H-Index (WoS): 12
H-Index (Scopus): 12

Congress and Symposium Activities

Molbiyokon18, Working Group, İzmir, Turkey, 2019
The 44th FEBS Congress, Working Group, Krakow, Poland, 2019
The 44th FEBS Congress, Attendee, Krakow, Poland, 2019
Qatar International Zebrafish Workshop, Invited Speaker, Ad-Dawhah, Qatar, 2019
17. Ulusal Sinirbilim Kongresi, Invited Speaker, Trabzon, Turkey, 2019
Molbiyokon18, Working Group, İzmir, Turkey, 2019
Molbiyokon18, Working Group, İzmir, Turkey, 2019
6th International Congress of the Molecular Biology Association of Turkey, Working Group, İzmir, Turkey, 2018
The Use Of Zebrafish In Disease Modeling Workshop, Invited Speaker, Ankara, Turkey, 2018
Genetikte Güncel Tedaviler, Invited Speaker, Eskişehir, Turkey, 2017
42nd Febs Congress, Working Group, Yerushalayim, Israel, 2017
Mechanical Forces In Biology (embo-embl Symposia), Working Group, Heidelberg, Germany, 2017
10th European Zebrafish Meeting, Working Group, Budapest, Hungary, 2017
Eshg Conference, Working Group, Kobenhavn, Denmark, 2017
Keystone Symposia Rare And Undiagnosed Diseases, Working Group, Massachusetts, United States Of America, 2017
Rare And Undiagnosed Diseases: Discovery And Models Of Precision Therapy (keystone Symposia), Working Group, Massachusetts, United States Of America, 2017
Kök Hücre Günü, Invited Speaker, Ankara, Turkey, 2016
Kök Hücre Günü, Invited Speaker, Ankara, Turkey, 2016
XII. TIBBİ GENETİK KONGRESİ, Invited Speaker, İzmir, Turkey, 2016
COLD SPRİNG HARBOR LABORATORY MEETİNG, Invited Speaker, New York, United States Of America, 2016
Cshl Meetinggenomeengineering: The Crispr/cas Revolution, Working Group, New York, United States Of America, 2016
7TH UK MEETİNG OF THE NUCLEAR ENVELOPE İN DİSEASE AND CHROMATİN ORGANİZATİON, Attendee, Wolverhampton, United Kingdom, 2016
II. NADİR NÖROLOJİK HASTALIKLAR SEMPOZYUMU, Invited Speaker, İstanbul, Turkey, 2016
XIV. ULUSAL TIBBİ BİYOLOJİ VE GENETİK KONGRESİ , Invited Speaker, Muğla, Turkey, 2015

XIV. ULUSAL TIBBİ BİYOLOJİ VE GENETİK KONGRESİ, Invited Speaker, Muğla, Turkey, 2015
AMERİCAN SOCİETY OF HUMAN GENETİCS ANNUAL MEETİNG, Attendee, California, United States Of America, 2014
TÜRKİYE MOLEKÜLER BİYOLOJİ DERNEĞİ 3. ULUSLARARASI KONGRESİ, Attendee, İzmir, Turkey, 2014

Invited Talks

CRISPR/Cas9-mediated knockout for modeling rare disorders and testing novel candidate genes in zebrafish, Workshop, University of Qatar, Qatar, April 2019
Could Autosomal Dominant Tgfb-related Corneal Dystrophies Be Modelled In Zebrafish By Using Crispr/cas9: Challenges And Possibilities, Workshop, University of Qatar, Qatar, April 2019
Yeni nesil gen tedavileri: Nadir nöromusküler hastalıklarda preklinik ve klinik uygulamalar, Conference, Karadeniz Teknik Üniversitesi, Turkey, April 2019
Rare disease modelling in zebrafish by using genome editing tools: Limb girdle muscular dystrophy 2R as an example, Workshop, University of Qatar, Qatar, April 2019
Nadir Hastalıklarda CRISPR/Cas9 ile Tedavi, Conference, Tıbbi Genetik Derneği , Turkey, February 2019
Yeni Nesil Gen Tedavileri: Hedefli Genom Düzenleme, Conference, Ondokuz Mayıs Üniversitesi, Turkey, March 2018
Genom Düzenleme Araçları: CRISPR/Cas9, Conference, Eskişehir Osmangazi Üniversitesi, Turkey, November 2017
Hastalıkların Modellenmesinde ve Tedavisinde Genom Düzenleme Teknolojileri, Conference, Ankara Üniversitesi, Turkey, November 2016
Gen Fonksiyonları Analizleri, Seminar, İstanbul Bilim Üniversitesi, Turkey, November 2016
Genom Düzenleme, Conference, Hacettepe Üniversitesi, Turkey, November 2016
Genom Düzenleme Araçlarının Hastalık Modeli Oluşturulmasında Kullanımları, Conference, Tıbbi genetik derneği, Turkey, October 2016
Rare diseases and new therapy modalities Challenges and opportunities in Turkey, Conference, CSHL Meeting Genome Engineering: The CRISPR/CasRevolution, United States Of America, August 2016
Geni bulduk. Ya sonra? Genden fonskiyona Müsküler Distrofi modeli, Conference, Türk nöroloji derneği, Turkey, June 2016
Bireye özgül hastalık modellerinin oluşturulmasında zebra balığı ve genom düzenleme araçlarının kullanılması, Conference, Tıbbi biyoloji ve genetik derneği, Turkey, October 2015

Non Academic Experience

Hacettepe Üniversitesi