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Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr), Turkey 1995 - 2001
Postgraduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyokimya (Yl) (Tezli), Turkey 1993 - 1995
Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, Turkey 1986 - 1991

Dissertations

Doctorate, Consequences of site-directed mutations in the helicase domains of the cockayne syndrome group B gene, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr), 2001
Postgraduate, Antimalaryal ilaçların insan alyuvar tiyol redoks potansiyeli üzerine in vitro etkilerinin araştırılması, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyokimya (Yl) (Tezli), 1995

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydinlar University, Faculty Of Engineering And Natural Sciences, Molecular Biology And Genetics, 2022 - Continues
Professor, Acibadem Mehmet Ali Aydinlar University, Graduate School Of Health Sciences, Department Of Medical Biotechnology, 2022 - Continues
Professor, Acibadem Mehmet Ali Aydinlar University, Faculty Of Humanities And Social Sciences, Molecular Biology And Genetics, 2015 - 2022
Associate Professor, Acibadem Mehmet Ali Aydinlar University, Faculty of Humanities and Social Sciences, Molecular Biology And Genetics, 2014 - 2015
Associate Professor, Koc University, School Of Medıcıne, Department Of Basıc Medıcal Scıences, 2011 - 2014
Assistant Professor, Kobenhavns Universitet (University of Copenhagen), Tıp Fakültesi, Hücresel Ve Moleküler Tıp, 2009 - 2010
Researcher, National Institutes of Health, National Institutes of Aging, Laboratory of Molecular Gerontology, USA, 2003 -

2009
Assistant Professor, Hacettepe University, Tıp Fakültesi (İngilizce), Temel Tıp Bilimleri Bölümü, 2001 - 2004
Research Assistant, Hacettepe University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1997 - 2001
Researcher, National Institutes of Health, National Institute on Aging, Laboratory of Molecular Gerontology, USA, 1999 - 2000

Advising Theses

Müftüoğlu M., Selective inhibition of MlH1 deficient colon cancer growth by novel DNA polymerase gamma inhibitor, Doctorate, B.SOMUNCU(Student), 2022
Müftüoğlu M., Targeted Next-Generation Sequencing of Base Excision Repair Genes for Late-Onset Alzheimer`s and Parkinson Disease's Risk, Doctorate, T.Ertüzün(Student), 2020
Müftüoğlu M., Deniz E., Modification of catalytic subunit of dna polymerase gamma by CRISPR/CAS9 genome editing technology, Postgraduate, A.EKMEKÇİOĞLU(Student), 2018
Müftüoğlu M., Base excision repair capacity in non-muscle-invasive bladder cancer, Postgraduate, F.MERVE(Student), 2018
Müftüoğlu M., Investigation of UNG genetic variants in sporadic alzheimer disease, Postgraduate, A.SEMERCİ(Student), 2018
Müftüoğlu M., Mitokondriyel baz eksizyon tamir aktivitesini inhibe eden antikanser özelliğe sahip yeni moleküllerin karakterizasyonu, Postgraduate, B.SOMUNCU(Student), 2017
Müftüoğlu M., Sporadik alzheimer hastalığında DNA hedef gen varyantlarının taranması, Postgraduate, T.İLHAN(Student), 2016
Müftüoğlu M., DNA polimeraz γ proteinine bağlanan yeni moleküllerin belirlenmesi ve kanser hücresi üzerine etkilerinin araştırılması, Postgraduate, İ.ECE(Student), 2015
Müftüoğlu M., Erman B., Identifying plant based small molecule inhibitors for biologically important targets in cancer, Postgraduate, D.AYDIN(Student), 2012
Müftüoğlu M., Özer N., The effects of human cockayne syndrome B protein on the NEIL1 enzyme activities, Postgraduate, A.DOĞAN(Student), 2008

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Formulation development and evaluation of fluvastatin loaded transethosomes: Characterization, stability, in vitro dermal penetration, cytotoxicity and antipsoriatic activity studies**
Yurtsever A. G., Ekmekcioglu A., Müftüoğlu M., Güngör S., Erdal M. S.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.91, pp.1-13, 2023 (SCI-Expanded)

II. **Targeting mitochondrial DNA polymerase gamma for selective inhibition of MLH1 deficient colon cancer growth**
Somuncu B., Ekmekcioglu A., Antmen F. M., Ertuzun T., Deniz E., Keskin N., Park J., Yazici I. E., Simsek B., Erman B., et al.
PLoS ONE, vol.17, no.6 June, 2022 (SCI-Expanded)

III. **Leukocyte telomere length as a compensatory mechanism in vitamin D metabolism**
AĞIRBAŞLI D., Kalyoncu M., MÜFTÜOĞLU M., Aksungar F., Agirbasli M.
PLOS ONE, vol.17, no.2, 2022 (SCI-Expanded)

IV. **Parents of ataxia-telangiectasia patients display a distinct cellular immune phenotype mimickingATM-mutated patients**
Öğülür İ., Ertuzun T., Kocamış B., Kendir Demirkol Y., Uyar E., Kıykım A., Baser D., Yesil G., Akturk H., Somer A., et al.
PEDIATRIC ALLERGY AND IMMUNOLOGY, vol.32, no.2, pp.349-357, 2021 (SCI-Expanded)

V. **Non-muscle invasive bladder cancer tissues have increased base excision repair capacity**
Somuncu B., Keskin S., Antmen F., Saglican Y., Ekmekcioglu A., Ertuzun T., Tuna M., Obek C., Wilson D., Ince Ü., et al.

SCIENTIFIC REPORTS, vol.10, no.1, 2020 (SCI-Expanded)

VI. **Investigation of base excision repair gene variants in late-onset Alzheimer's disease.**
Ertuzun T., Semerci A., Cakir M. E., Ekmekçioğlu A., Gok M. O., Soltys D. T., De Souza-Pinto N. C., Sezerman U., Müftüoğlu M.
PloS one, vol.14, 2019 (SCI-Expanded)

VII. **Type I IFN-related NETosis in ataxia telangiectasia and Artemis deficiency.**
Gul E., Sayar E., Gungor B., Eroglu F., Surucu N., Keles S., Guner S., Findik S., Alpdundar E., Ayanoglu I., et al.
The Journal of allergy and clinical immunology, vol.142, pp.246-257, 2018 (SCI-Expanded)

VIII. **Formation and repair of oxidative damage in the mitochondrial DNA**
Müftüoğlu M., Mori M. P., De Souza-Pinto N. C.
MITOCHONDRION, vol.17, pp.164-181, 2014 (SCI-Expanded)

IX. **Cockayne Syndrome group B protein stimulates NEIL2 DNA glycosylase activity**
Aamann M. D., Hvitby C., Popuri V., Muftuoglu M., Lemminger L., Skeby C. K., Keijzers G., Ahn B., Bjoras M., Bohr V. A., et al.
MECHANISMS OF AGEING AND DEVELOPMENT, vol.135, pp.1-14, 2014 (SCI-Expanded)

X. **PHARMACOLOGIC INHIBITION OF C-JUN N-TERMINAL KINASE (JNK) SIGNALING PATHWAY INHIBITS PROLIFERATION, BLOCKS CELL CYCLE PROGRESSION AND INDUCES APOPTOSIS OF HUMAN GRANULOSA CELL TUMOR**
Oktem O., Taskiran C., MÜFTÜOĞLU M., Ata B., Senbabaoglu F., ARVAS M. B., Urman B.
INTERNATIONAL JOURNAL OF GYNECOLOGICAL CANCER, no.8, 2013 (SCI-Expanded)

XI. **Multiple interaction partners for Cockayne syndrome proteins: Implications for genome and transcriptome maintenance**
Aamann M. D., Muftuoglu M., Bohr V. A., Stevnsner T.
MECHANISMS OF AGEING AND DEVELOPMENT, vol.134, pp.212-224, 2013 (SCI-Expanded)

XII. **Cockayne syndrome group B protein promotes mitochondrial DNA stability by supporting the DNA repair association with the mitochondrial membrane**
Aamann M. D., Sorensen M. M., Hvitby C., Berquist B. R., Muftuoglu M., Tian J., de Souza-Pinto N. C., Scheibye-Knudsen M., Wilson D. M., Stevnsner T., et al.
FASEB JOURNAL, vol.24, no.7, pp.2334-2346, 2010 (SCI-Expanded)

XIII. **The Recombination Protein RAD52 Cooperates with the Excision Repair Protein OGG1 for the Repair of Oxidative Lesions in Mammalian Cells**
de Souza-Pinto N. C., Maynard S., Hashiguchi K., Hu J., Muftuoglu M., Bohr V. A.
MOLECULAR AND CELLULAR BIOLOGY, vol.29, no.16, pp.4441-4454, 2009 (SCI-Expanded)

XIV. **Cockayne Syndrome Group B Protein Stimulates Repair of Formamidopyrimidines by NEIL1 DNA Glycosylase**
MÜFTÜOĞLU M., de Souza-Pinto N. C., Dogan A., Aamann M., Stevnsner T., Rybanska I., Kirkali G., Dizdaroglu M., Bohr V. A.
JOURNAL OF BIOLOGICAL CHEMISTRY, vol.284, no.14, pp.9270-9279, 2009 (SCI-Expanded)

XV. **Mitochondrial Respiratory Chain Enzyme Activities, mtDNA Variants and Gene Expression Levels in Idiopathic Parkinson's Disease**
ERCAN A., Kulaksiz G., Dalmizrak O., Muftuoglu M., Ogus H., Cavdar L., Inan L., Ozer N.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.34, no.2, pp.97-104, 2009 (SCI-Expanded)

XVI. **The clinical characteristics of Werner syndrome: molecular and biochemical diagnosis**
Muftuoglu M., Oshima J., von Kobbe C., Cheng W., Leistritz D. F., Bohr V. A.
HUMAN GENETICS, vol.124, no.4, pp.369-377, 2008 (SCI-Expanded)

XVII. **Intrinsic ssDNA annealing activity in the C-terminal region of WRN**
Muftuoglu M., Kulikowicz T., Beck G., Lee J. W., Piotrowski J., Bohr V. A.
BIOCHEMISTRY, vol.47, no.39, pp.10247-10254, 2008 (SCI-Expanded)

XVIII. **WRN is required for ATM activation and the S-phase checkpoint in response to interstrand cross-link-induced DNA double-strand breaks**
Cheng W., Muftic D., Muftuoglu M., Dawut L., Morris C., Helleday T., Shiloh Y., Bohr V. A.

MOLECULAR BIOLOGY OF THE CELL, vol.19, no.9, pp.3923-3933, 2008 (SCI-Expanded)

XIX. **The role of Cockayne Syndrome group B (CSB) protein in base excision repair and aging**
Stevnsner T., Muftuoglu M., Aamann M. D., Bohr V. A.
MECHANISMS OF AGEING AND DEVELOPMENT, vol.129, pp.441-448, 2008 (SCI-Expanded)

XX. **Acetylation Regulates WRN Catalytic Activities and Affects Base Excision DNA Repair**
Muftuoglu M., Kusumoto R., Speina E., Beck G., Cheng W., Bohr V. A.
PLOS ONE, vol.3, no.4, 2008 (SCI-Expanded)

XXI. **Werner syndrome protein: Functions in the response to DNA damage and replication stress in S-phase**
Cheng W., Muftuoglu M., Bohr V. A.
EXPERIMENTAL GERONTOLOGY, vol.42, no.9, pp.871-878, 2007 (SCI-Expanded)

XXII. **Cockayne syndrome B protein stimulates apurinic endonuclease 1 activity and protects against agents that introduce base excision repair intermediates**
Wong H., Muftuoglu M., Beck G., Imam S. Z., Bohr V. A., Wilson D. M.
NUCLEIC ACIDS RESEARCH, vol.35, no.12, pp.4103-4113, 2007 (SCI-Expanded)

XXIII. **The role of WRN in DNA repair is affected by post-translational modifications**
Kusumoto R., Muftuoglu M., Bohr V. A.
MECHANISMS OF AGEING AND DEVELOPMENT, vol.128, no.1, pp.50-57, 2007 (SCI-Expanded)

XXIV. **Telomere repeat binding factor 2 interacts with base excision repair proteins and stimulates DNA synthesis by DNA polymerase beta**
Muftuoglu M., Wong H., Imam S., Wilson D., Bohr V., Opresko P.
CANCER RESEARCH, vol.66, no.1, pp.113-124, 2006 (SCI-Expanded)

XXV. **Cockayne syndrome group B protein has novel strand annealing and exchange activities**
Muftuoglu M., Sharma S., Thorslund T., Stevnsner T., Soerensen M., Brosh R., Bohr V.
NUCLEIC ACIDS RESEARCH, vol.34, no.1, pp.295-304, 2006 (SCI-Expanded)

XXVI. **Mitochondrial complex I and IV activities in leukocytes from patients with parkin mutations**
Muftuoglu M., Elibol B., Dalmizrak O., Ercan A., Kulaksiz G., Ogus H., Dalkara T., Ozer N.
MOVEMENT DISORDERS, vol.19, no.5, pp.544-548, 2004 (SCI-Expanded)

XXVII. **Differential requirement for the ATPase domain of the Cockayne syndrome group B gene in the processing of UV-induced DNA damage and 8-oxoguanine lesions in human cells**
Selzer R., Nyaga S., Tuo J., May A., Muftuoglu M., Christiansen M., Citterio E., Brosh R., Bohr V.
NUCLEIC ACIDS RESEARCH, vol.30, no.3, pp.782-793, 2002 (SCI-Expanded)

XXVIII. **Phenotypic consequences of mutations in the conserved motifs of the putative helicase domain of the human Cockayne Syndrome Group B gene**
Muftuoglu M., Selzer R., Tuo J., Brosh R., Bohr V.
GENE, vol.283, pp.27-40, 2002 (SCI-Expanded)

XXIX. **The Cockayne Syndrome group B gene product is involved in general genome base excision repair of 8-hydroxyguanine in DNA**
Tuo J., Muftuoglu M., Chen C., Jaruga P., Selzer R., Brosh R., Rodriguez H., Dizdaroglu M., Bohr V.
JOURNAL OF BIOLOGICAL CHEMISTRY, vol.276, no.49, pp.45772-45779, 2001 (SCI-Expanded)

XXX. **Simple, high-yield purification of xanthine oxidase from bovine milk**
Ozer N., Muftuoglu M., Ataman D., Ercan A., Ogus I.
JOURNAL OF BIOCHEMICAL AND BIOPHYSICAL METHODS, vol.39, no.3, pp.153-159, 1999 (SCI-Expanded)

XXXI. **The in vitro effects of the antimalarial drug primaquine, on the activities of some enzymes in human erythrocyte lyzates**
Muftuoglu M., ÖZER N.
Turkish Journal of Medical Sciences, vol.29, no.4, pp.409-412, 1999 (SCI-Expanded)

XXXII. **A simple and sensitive method for the activity staining of xanthine oxidase**
Ozer N., Muftuoglu M., Ogus I.
JOURNAL OF BIOCHEMICAL AND BIOPHYSICAL METHODS, vol.36, pp.95-100, 1998 (SCI-Expanded)

Articles Published in Other Journals

I. **Anti-proliferative effects of indomethacin, acemetacin and their tromethamine salts in HCT116 human colon cancer cells**
Cihan Üstündağ G., Somuncu B., Müftüoğlu M., Karalı L. N.
JOURNAL OF PHARMACY OF ISTANBUL UNIVERSITY, vol.51, pp.161-166, 2021 (ESCI)

II. **Genetics of Rare Diseases with Defective DNA Repair and Their Current Treatments**
Müftüoğlu M., Ekmekçioğlu A., Kalyoncu M.
Türkiye Klinikleri Tıbbi Genetik, vol.1, pp.69-77, 2021 (Peer-Reviewed Journal)

III. **Bacillus Calmette-Guerin Increases Base Excision Repair in Bladder Cancer Cells**
Keskin M. S., Somuncu B., Müftüoğlu M.
Journal of Urological Surgery, vol.8, no.1, pp.8-12, 2021 (Peer-Reviewed Journal)

IV. **5-Hydroxyuracil Incision Activity Varies According to the Histological Grade of Non-muscle-invasive Bladder Cancer**
Keskin M. S., Antmen F. M., Somuncu B., Sağlıcan Y., Doganca T., Öbek C., İnce Ü., Kural A. R., Müftüoğlu M.
UROONKOLOJI BULTENI-BULLETIN OF UROONCOLOGY, vol.20, pp.45-48, 2021 (ESCI)

Books & Book Chapters

I. **Selenoproteins and Epigenetic Regulation in Mammals**
Liu H., Somuncu B., MÜFTÜOĞLU M., Cheng W.
in: Handbook of Nutrition, Diet and Epigenetics, Patel Vinood, Preedy Victor, Editor, Springer, Cham, pp.1-15, 2018

II. **Medical Genetics**
OKTAY Y., AĞIRBAŞLI D., DALVA AYDEMİR S., AKYERLİ BOYLU C., MÜFTÜOĞLU M., YAKICIER M. C.
in: Current Applications of Biotechnology, Munis Dundar Editor in Chief-Fabrizio Bruschi, Kevan MA Gartland, Mariapia Viola Magni, Peter Gahan, Yusuf Deeni, Editor, Erciyes University Publication no199, pp.299-316, 2015

III. **Selenium and epigenetic effects on histone marks and DNA methylation.**
Cheng W., MÜFTÜOĞLU M., Wu R.
in: Nutrition and Epigenetics, Emily Ho, Frederick Domann, Editor, CRC Press, Taylor and Francis Group, Florida, pp.10, 2015

IV. **Chapter 19- Medical Genetics**
OKTAY Y., AĞIRBAŞLI D., DALVA AYDEMİR S., AKYERLİ BOYLU C., MÜFTÜOĞLU M., YAKICIER M. C.
in: Current Applications of Biotechnology, Dündar, Munis; Bruschi,Fabrizio; Gartland, Kevan; Magni,Mariapia V.;Gahan, Peter; Deeni,Yusuf, Editor, Erciyes University, Kayseri, pp.299-317, 2015

V. **Roles of Cockayne syndrome group B protein in processing oxidative DNA damage and in protection against neurodegeneration**
MÜFTÜOĞLU M., Bohr V.
in: Molecular Mechanisms of Cockayne Syndrome, Shamim I Ahmad, Editor, Landes Bioscience, Texas, pp.53-63, 2009

VI. **Gen Yapısı ve Bilgi İçeriği**
ÖZER N., MÜFTÜOĞLU M.
in: Biyoinformatik I Lisansüstü Yaz Okulu Kitabı, , Editor, üniversite, pp.41-50, 2003

VII. **The effects of oxidative stress on the redox system of the human erythrocytes**
ÖĞÜŞ İ. H., Balk M., AKSOY Y., MÜFTÜOĞLU M., ÖZER N.
in: NATO ASI Series, Tomris Özben, Editor, Plenum Publishing, pp.25-37, 1997

Refereed Congress / Symposium Publications in Proceedings

I. **Valproik asit ile indüklenen otizm modelinde mitokondriyal dinamiklerin gelişimsel süreçte**

incelenmesi

ÖZER S., SARI E., ERKAYA M., DARILMAZ İ., ÖZ ARSLAN D., MÜFTÜOĞLU M., SÜYEN G.

20. Ulusal Sinirbilim Kongresi, İstanbul, Turkey, 19 October 2022

II. **Enhanced activity of plasminogen activator inhibitor 1 (PAI-1) in neurodegenerative diseases**

MÜFTÜOĞLU M., AĞIRBAŞLI D., Ağırbaşlı M.

ACC Middle East 2022 Together With 13th Emirates Cardiac Society Congress, Dubai, United Arab Emirates, 07 October 2022

III. **KALITSAL KANSERLERDE KLİNİK ÖNEMİ BİLİNMEYEN GENOMİK VARYANTLARIN FONKSİYONEL KARAKTERİZASYONU VE SINIFLANDIRILMASI**

Üstün Yılmaz S., Özdemir Ö., AĞAOĞLU N. B., HATIRNAZ NG Ö., MÜFTÜOĞLU M., ÖZBEK U.

8.TÜRK TIBBİ ONKOLOJİ KONGRESİ, Antalya, Turkey, 3 - 07 November 2021

IV. **Fluvastatin Sodium Loaded Nanovesicular Carriers: Formulation Development, Characterization and In vitro Cell Culture Studies**

GÜRBÜZ A., GÜNGÖR S., MÜFTÜOĞLU M., Ekmekcioglu A., ERDAL M. S.

CRS2021 Virtual Annual Meeting, United States Of America, 25 July 2021 - 25 October 2022

V. **D vitamini takviyesinin serum D vitamini seviyeleri ve telomere etkisi**

Ağırbaşlı D., Kalyoncu M., Ağırbaşlı M. A., Müftüoğlu M.

16. Uluslararası Katılımlı Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 30 October 2019, vol.1, pp.76

VI. **Association of Vitamin D levels with leukocyte telomere length in postmenopausal women**

Kalyoncu M., Ağırbaşlı D., Müftüoğlu M., Onur İ., Ağırbaşlı M.

International Moelcular Medicine Symposium, İstanbul, Turkey, 16 - 18 May 2019, vol.1, pp.101

VII. **Ataksi Telenjiektazi Hastalarının Ebeveynlerinde Enfeksiyonlar ve Lenfosit Alt Grup Bozuklukları**

ÖĞÜLÜR İ., Ertüzün T., ÖZEN A. O., UYAR E., KIYKIM A., Başer D., YEŞİL G., AKTÜRK H., SOMER A., MÜFTÜOĞLU M., et al.

XXV. Ulusal Allerji ve Klinik İmmünoloji Kongresi, Antalya, Turkey, 17 - 21 November 2018

VIII. **Kasa İnvaze Olmayan Mesane Tümöründe Artmış Apürinik/Apirimidinik Endonükleaz Aktivitesi**

KESKİN M. S., SOMUNCU B., ANTMEN F. M., SAĞLICAN Y., ERTÜZÜN T., TUNA M. B., ÖBEK C., İNCE Ü., KURAL A. R., MÜFTÜOĞLU M.

4. Ulusal Ürolojik Cerrahi Kongresi, Antalya, Turkey, 31 October - 04 November 2018

IX. **INFECTIONS AND LYMPHOCYTE SUBSET ALTERATIONS IN ATAXIA TELANGIECTASIA MUTATED KINASE CARRIERS**

ÖĞÜLÜR İ., Ertüzün T., ÖZEN A. O., UYAR E., KIYKIM A., Başer D., YEŞİL G., AKTÜRK H., SOMER A., MÜFTÜOĞLU M., et al.

18th Biennial Meeting of ESID, Lizbon, Portugal, 24 - 27 October 2018

X. **Enhanced Apurinic/Apyrimidinic Endonuclease Activity in Non-Muscle Invasive Bladder Cancer**

KESKİN M. S., SOMUNCU B., ANTMEN M., SAĞLICAN Y., ERTÜZÜN T., Tuna M. B., Öbek C., İNCE Ü., KURAL A. R., MÜFTÜOĞLU M.

36th World Congress of Endourology, Paris, France, 20 - 23 September 2018

XI. **Identification and characterization of small molecule inhibitors targeting DNA polymerase gamma for the treatment of cancers deficient in mismatch repair**

Pamukcu C., Keskin N., Aydin D., Gulser I. E., Deniz E., Erman M. B., Erman B., Uren A., Yakicier C., Muftuoglu M.

40th Congress of the Federation-of-European-Biochemical-Societies (FEBS) - The Biochemical Basis of Life, Berlin, Germany, 4 - 09 July 2015, vol.282, pp.270-271

XII. **REAL TIME AND QUANTITATIVE ASSESSMENT OF THE EFFECTS OF DIFFERENT OVARIAN STIMULATION PROTOCOLS ON THE PROLIFERATION AND CELL CYCLE KINETICS OF GRANULOSA CELLS USING A NEW IMPEDENCE-BASED SYSTEM.**

Oktem O., Muftuoglu M., Senbabaoglu F., Urman B.

International-Federation-of-Fertility-Societies 21st World Congress on Fertility and Sterility / 69th Annual Meeting of the American-Society-for-Reproductive-Medicine, Massachusetts, United States Of America, 12 - 17 October 2013, vol.100

XIII. **The involvement of Cockayne syndrome B protein in base excision repair**

Muftuoglu M., Aamann M. D., Stevnsner T., Bohr V. A.
38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.62

XIV. **Real-time analysis of the growth of human granulosa cells using an impedance-based signal processing system: a new technology for translational research in human reproduction**
Oktem O., Muftuoglu M., Senbabaoglu F., Urman B.
29th Annual Meeting of the European-Society-of-Human-Reproduction-and-Embryology (ESHRE), London, Canada, 7 - 10 July 2013, vol.28, pp.54-55

XV. **Effect of pharmacologic inhibition of c-Jun N-terminal kinase (JNK) signaling pathway on cell proliferation and cell cycle progression in human granulosa cell tumor**
Oktem O., Muftuoglu M., Senbabaoglu F., Urman B.
49th Annual Meeting of the American-Society-of-Clinical-Oncology (ASCO), Illinois, United States Of America, 31 May - 04 June 2013, vol.31

XVI. **Base excision repair pathway at telomeric DNA**
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31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.54

XVII. **Mitochondrial complex I and IV activities, ND2, ND4 gene mutations and expressions in idiopathic Parkinson's disease**
Ercan A., Kulaksiz G., Muftuoglu M., Dalmizrak O., Ogus H., Cavdar L., Inan L., Ozer N.
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.244-245

XVIII. **Mitochondrial complex I and complex IV activities in lymphocytes from patients with Parkin gene mutations**
Dalmizrak O., Muftuoglu M., Atac F., Ogus J., Ozer N., Elibol B.
7th International Congress of Parkinsons Disease and Movement Disorders, MIAMI, FLORIDA, 10 - 14 November 2002, vol.17

XIX. **The effects of oxidative stress on the redox system of the human erythrocyte**
Ogus I., Balk M., Aksoy Y., MÜFTÜOĞLU M., Ozer N.
NATO Advanced Study Institute on Free Radicals, Oxidative Stress, and Antioxidants - Pathological and Physiological Significance, Antalya, Turkey, 24 May - 04 June 1997, pp.25-37

Other Publications

I. **Biochemistry textbook (Stryer L; Seventh ed. 2010)**
Müftüoğlu M.
Other, pp.200-250, 2013

Patent

Müftüoğlu M., Novel Dna Polymerase Gamma Inhibitor and Uses Thereof, Patent, CHAPTER A Human Needs, The Invention Registration Number: EP18880072.6 , Standard Registration, 2023, 2024

Tasks In Event Organizations

Müftüoğlu M., Genome Maintenance, DNA Repair and Cancer, Scientific Congress, İstanbul, Turkey, Nisan 2018

Metrics

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