

# Prof. YUSUF ÇETİN KOCAEFE

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: I-8336-2013

ScopusID: 6506772810

Yoksis Researcher ID: 170475

## Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji, Turkey 1999 - 2004

Postgraduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji, Turkey 1997 - 1999

Undergraduate, Hacettepe University, Tıp Fakültesi, Tıp Fakültesi (Türkçe), Turkey 1987 - 1994

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Kas rejenerasyonunu sağlamak amacı ile makrofajlar ve adipositlerde miyojenik farklılaşma programının tetiklenmesi, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (Dr), 2004

Postgraduate, PCR tekniği kullanımı ile DNA dizilerinde mutasyon oluşturulması (In vitro mutagenез), Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (YI) (Tezli), 1999

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology, Life Sciences, Molecular Biology and Genetics, Genetic Disorders, Genetic Engineering, Genomics, Protein Engineering, Natural Sciences

## Academic Titles / Tasks

Professor, Hacettepe University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2014 - Continues

Associate Professor, Hacettepe University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2007 - 2014

Assistant Professor, Hacettepe University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2006 - 2010

## Academic and Administrative Experience

Hacettepe Üniversitesi, Tıp Fakültesi, 2015 - 2016

## Courses

GENOM ANALİZ YÖNTEMLERİ, Doctorate, 2017 - 2018, 2016 - 2017

TIP FAK. DÖNEM-I TIBBİ BİYOLOJİ VE GENETİK, Undergraduate, 2017 - 2018, 2016 - 2017

HÜCRE BİYOLOJİSİ, Postgraduate, 2017 - 2018, 2016 - 2017

MOLEKÜLER GENETİKTE ÇALIŞMA YÖNTEMLERİ, Postgraduate, 2017 - 2018

Genetik Kontrol Mekanizmaları, Doctorate, 2016 - 2017

Gelişimin Moleküler Biyolojisi, Doctorate, 2016 - 2017

## Advising Theses

KOCAEFE Y. Ç., Fare miyoblast hücre hattında (C2C12 hücre hattı) klf5 geni üzerinde hedefli insersiyon gerçekleştirilmesi, Postgraduate, D.AKÇAY(Student), 2015

KOCAEFE Y. Ç., Fare miyoblast hücre hattında KLF5 geninin farklılaşma sürecine etkilerinin araştırılması, Doctorate, U.AKPULAT(Student), 2014

KOCAEFE Y. Ç., Olgun yağ hücrelerinin rekombinant protein ifade kapasitelerinin incelenmesi, Doctorate, P.SHARAFİ(Student), 2013

KOCAEFE Y. Ç., Kas dokusu tamirinde çözünebilir faktörlerin gen ifadesinin incelenmesi, Postgraduate, C.ÖZDEMİR(Student), 2010

KOCAEFE Y. Ç., Kas dejenerasyonunda ve farklılaşmasında Klf5 geninin rolünün araştırılması, Doctorate, Y.YILDIZ(Student), 2010

KOCAEFE Y. Ç., The effect of mechanical forces on adipogenic differentiation, Postgraduate, P.SHARAFİ(Student), 2008

KOCAEFE Y. Ç., Kronik dejenerasyon sürecindeki kas dokusunda kas öncülü hücrelerin incelenmesi, Postgraduate, N.HİDAYET(Student), 2007

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

- I. **Pro-fibrogenic and adipogenic aspects of chronic muscle degeneration are contributed by distinct stromal cell subpopulations**  
ÖZDEMİR SAKA C., Akçay D., Yöyen-Ermiş D., Taşkıran E. Z., Soylu-Kucharz R., ESENDAĞLI G., KOCAEFE Y. Ç.  
PloS one, vol.18, no.7, 2023 (SCI-Expanded)
- II. **ACPA decreases non-small cell lung cancer line growth through Akt/PI3K and JNK pathways in vitro.**  
Boyacıoğlu O., BİLGİÇ E., VARAN C., BİLENSOY E., NEMUTLU E., GÜLMEZ SEVİM D., Kocaefe C., KORKUSUZ P.  
Cell death & disease, vol.12, no.1, pp.56, 2021 (SCI-Expanded)
- III. **A Novel Amplification-Refractory Mutation System-PCR Strategy to Screen MT-TL1 Pathogenic Variants in Patient Repositories**  
Bulduk B. K., Kilic H. B., Bekircan-Kurt C. E., Haliloglu G., ERDEM ÖZDAMAR S., Topaloglu H., KOCAEFE Y. Ç.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.24, no.3, pp.165-170, 2020 (SCI-Expanded)
- IV. **A single-tube multiplex qPCR assay for mitochondria DNA (mtDNA) copy number assessment**  
Kilic H. B., Bulduk B. K., KOCAEFE Y. Ç.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.44, no.6, pp.769-777, 2019 (SCI-Expanded)
- V. **Bone marrow derived mesenchymal stem cells ameliorate inflammatory response in an in vitro model of familial hemophagocytic lymphohistiocytosis 2**  
SEVİM H., KOCAEFE Y. Ç., ONUR M. A., Uckan-Cetinkaya D., GÜRPINAR Ö. A.  
STEM CELL RESEARCH & THERAPY, vol.9, 2018 (SCI-Expanded)
- VI. **GENERATION OF INDUCED PLURIPOTENT STEM CELLS FROM MESENCHYMAL STEM CELLS OF**

**OSTEOPETROSIS PATIENTS BY TWO DIFFERENT INTEGRATION-FREE METHODS UNDER FEEDER-FREE CONDITIONS**

Okur F. V., Cevher I., Kilic E., Ozdemir C., Kocaeffe C., Cetinkaya D. U.  
CYTOTHERAPY, vol.20, no.5, 2018 (SCI-Expanded)

- VII. **Tenotomy immobilization as a model to investigate skeletal muscle fibrosis (with emphasis on Secreted frizzled-related protein 2)**  
AKPULAT U., ONBAŞILAR İ., KOCAEFE Y. Ç.  
PHYSIOLOGICAL GENOMICS, vol.48, no.6, pp.397-408, 2016 (SCI-Expanded)
- VIII. **In Vitro Comparison of Adipokine Export Signals**  
Sharafi P., KOCAEFE Y. Ç.  
PROTEIN AND PEPTIDE LETTERS, vol.23, no.6, pp.530-536, 2016 (SCI-Expanded)
- IX. **Effect of Zoledronic Acid on Rats' Tissue SDF-1 Expression**  
Arik Z., KILIÇKAP S., AKPULAT U., Nahit Sendur M. A., KOCAEFE Y. Ç., ERMAN M.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, vol.26, no.4, pp.215-219, 2016 (SCI-Expanded)
- X. **AEBP1/ACLP is upregulated in differentiation, injury repair and fibrotic degeneration of skeletal muscle**  
Özdemir C., AKPULAT U., Akçay D., ONBAŞILAR İ., KOCAEFE Y. Ç.  
JOURNAL OF MUSCLE RESEARCH AND CELL MOTILITY, vol.36, no.6, pp.549-550, 2015 (SCI-Expanded)
- XI. **Generation of targeted insertion in the Klf5 gene of mouse myoblasts (C2C12 cells) using CRISPR/Cas9 system**  
Akçay D., AKPULAT U., KOCAEFE Y. Ç.  
JOURNAL OF MUSCLE RESEARCH AND CELL MOTILITY, vol.36, no.6, pp.547-548, 2015 (SCI-Expanded)
- XII. **Periostin is temporally expressed as an extracellular matrix component in skeletal muscle regeneration and differentiation**  
OZDEMİR C., Akpulat U., SHARAFI P., YILDIZ Y., ONBAŞILAR İ., Kocaeffe C.  
GENE, vol.553, no.2, pp.130-139, 2014 (SCI-Expanded)
- XIII. **Coronin 1A inhibits neurite outgrowth in PC12 cells**  
TERZİ Y. K., KOCAEFE Y. Ç., AYTER S.  
NEUROSCIENCE LETTERS, vol.582, pp.38-42, 2014 (SCI-Expanded)
- XIV. **Novel mutations of the MLC1 gene in Turkish patients**  
YÜZBAŞIOĞLU A., TOPÇU M., KOCAEFE Y. Ç., ÖZGÜÇ M.  
EUROPEAN JOURNAL OF MEDICAL GENETICS, vol.54, no.3, pp.281-283, 2011 (SCI-Expanded)
- XV. **Reprogramming of Human Umbilical Cord Stromal Mesenchymal Stem Cells for Myogenic Differentiation and Muscle Repair**  
Kocaeffe C., Balci D., Hayta B. B., Can A.  
STEM CELL REVIEWS AND REPORTS, vol.6, no.4, pp.512-522, 2010 (SCI-Expanded)
- XVI. **Assessment of housekeeping genes for use in normalization of real time PCR in skeletal muscle with chronic degenerative changes**  
Yuzbasioglu A., Onbasilar I., Kocaeffe C., Ozguc M.  
EXPERIMENTAL AND MOLECULAR PATHOLOGY, vol.88, no.2, pp.326-329, 2010 (SCI-Expanded)
- XVII. **Histone Deacetylase Inhibition Activity and Molecular Docking of (E)-Resveratrol: Its Therapeutic Potential in Spinal Muscular Atrophy**  
Dayangac-Erden D., Bora G., Ayhan P., Kocaeffe C., DALKARA S., Yeleki K., DEMİR A. G., Erdem-Yurter H.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.73, no.3, pp.355-364, 2009 (SCI-Expanded)
- XVIII. **Adipocyte differentiation defect in mesenchymal stromal cells of patients with malignant infantile osteopetrosis**  
Uckan D., KILIÇ E., SHARAFI P., Kazik M., Kaya F. A., Erdemli E., Can A., TEZCANER A., Kocaeffe C.  
CYTOTHERAPY, vol.11, no.4, pp.392-402, 2009 (SCI-Expanded)
- XIX. **Changes in the expression of selenoproteins in mesial temporal lobe epilepsy patients**  
YÜZBAŞIOĞLU A., Karatas H., GURSOY-OZDEMİR Y., Saygi S., Akalan N., Soylemezoglu F., DALKARA T., KOCAEFE Y. Ç., ÖZGÜÇ M.

Cellular and Molecular Neurobiology, vol.29, no.8, pp.1223-1231, 2009 (SCI-Expanded)

- XX. **Functional structure of adipocytes differentiated from human umbilical cord stroma-derived stem cells**  
Karahuseyinoglu S., Kocaefe C., Balci D., Erdemli E., Can A.  
STEM CELLS, vol.26, no.3, pp.682-691, 2008 (SCI-Expanded)
- XXI. **Statin potentiates human platelet eNOS activity without enhancing eNOS mRNA and protein levels**  
Yemisci M., AY H., Kocaefe C., Qui J., Topalkara K., ÖZGÜÇ M., KIRAZLI S., Ozcebe O., Moskowitz M. A., DALKARA T.  
CEREBROVASCULAR DISEASES, vol.26, no.2, pp.190-198, 2008 (SCI-Expanded)
- XXII. **Biology of stem cells in human umbilical cord stroma: In situ and in vitro surveys**  
Karahuseyinoglu S., Cinar O., Kilic E., Kara F., Akay G. G., Demiralp D. O., Tukun A., Uckan D., Can A.  
STEM CELLS, vol.25, no.2, pp.319-331, 2007 (SCI-Expanded)
- XXIII. **Interleukin-10 gene transfer: Prevention of multiple organ injury in a murine cecal ligation and puncture model of sepsis**  
KABAY B., Kocaefe C., Baykal A., OEZDEN H., BAYCU C., ONER Z., Oezguc M., SAYEK I.  
WORLD JOURNAL OF SURGERY, vol.31, no.1, pp.105-115, 2007 (SCI-Expanded)
- XXIV. **The Genetic Basis of the Polycystic Ovary Syndrome: A Literature Review Including Discussion of PPAR-gamma**  
UNLUTURK U., Harmanci A., Kocaefe C., YILDIZ B.  
PPAR RESEARCH, vol.2007, 2007 (SCI-Expanded)
- XXV. **Liposome-mediated intraperitoneal interleukin 10 gene transfer increases survival in cecal ligation and puncture model of sepsis**  
Kabay B., Kocaefe Y. C., Baykal A., Ozguc M., SAYEK I.  
SHOCK, vol.26, no.1, pp.37-40, 2006 (SCI-Expanded)
- XXVI. **Androgen receptor immunostaining and androgen receptor messenger ribonucleic acid expression are increased in cremaster muscles associated with undescended testis**  
Tanyel F. C., Yuzbasioglu A., Kocaefe C., Orhan D., Ozguc M.  
UROLOGY, vol.67, no.4, pp.855-858, 2006 (SCI-Expanded)
- XXVII. **Myogenic program induction in mature fat tissue (with MyoD expression)**  
Kocaefe Y. Ç., ISRAELI D., Ozguc M., DANOS O., GARCIA L.  
EXPERIMENTAL CELL RESEARCH, vol.308, no.2, pp.300-308, 2005 (SCI-Expanded)
- XXVIII. **Four-month-old infant with focal segmental glomerulosclerosis and mitochondrial DNA deletion**  
Unal S., Kalkanoglu H., Kocaefe C., Gueer S., Ozen S., TURANLI G., Coskun T.  
JOURNAL OF CHILD NEUROLOGY, vol.20, no.1, pp.83-84, 2005 (SCI-Expanded)
- XXIX. **Expression of matrix metalloproteinases in vasculitic neuropathy**  
Gurer G., Erdern S., Kocaefe C., Ozguc M., Tan E.  
RHEUMATOLOGY INTERNATIONAL, vol.24, no.5, pp.255-259, 2004 (SCI-Expanded)
- XXX. **Four novel thymidine phosphorylase gene mutations in mitochondrial neurogastrointestinal encephalomyopathy syndrome (MNGIE) patients**  
Kocaefe Y. Ç., Erdem S., Ozguc M., Tan E.  
EUROPEAN JOURNAL OF HUMAN GENETICS, vol.11, no.1, pp.102-104, 2003 (SCI-Expanded)
- XXXI. **Calcium-antagonistic activity of sumatriptan in the rat anococcygeus muscle**  
Emre-Aydingoz S., Kocaefe C., Tuncer M.  
PHARMACOLOGY, vol.64, no.1, pp.43-48, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Role of echocardiography on early diagnosis of atrial remodelling and fibrosis in elite athletes**  
YILDIRIM A., TOKGÖZÖĞLU S. L., Yıldırım M., Şener Y. Z., OKŞUL M., Akçay D., KOCAEFE Y. Ç., DÖNMEZ G., YORGUN H., ÖZER N.  
International Journal of Cardiovascular Imaging, vol.39, no.7, pp.1299-1306, 2023 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **RAB27A Gen Tedavisinin Olası Tümörjenik Etkilerinin İncelenmesi**  
EROL DUYAR Ö. D., ŞEKER M. E., PERVİN B., ÖZÇİMEN B., ŞENOCAK Ş., GİZER M., KORKUSUZ P., KILIÇ H. B., KOCAEFE Y. Ç., AERTS KAYA F. S. F.  
18. Tıbbi biyoloji ve genetik kongresi, 26 - 29 October 2023, vol.2, pp.15
- II. **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
- III. **Sağlıkta ve Hastalıkta İskelet Kası Hücre Dışı Matriks'in Düzenlenmesinde TEAD Transkripsiyon Faktörü Ailesinin Rolü ve Öneminin Multi-omik Yöntemlerle İncelenmesi**  
KILIÇ H. B., KOCAEFE Y. Ç.  
26. Ulusal Tıbbi Biyoloji ve Genetik Kongresi 2021, Turkey, 28 - 31 October 2021, vol.1, pp.271-272
- IV. **Multiomic Meta-Analysis Identifies Common Players and Novel Regulators Modulating ECM In Skeletal Muscle**  
KILIÇ H. B., KOCAEFE Y. Ç.  
Multiomics to Mechanisms: Challenges in Data Integration, Heidelberg, Germany, 15 - 17 September 2021
- V. **Repair of Griscelli Type 2 mesenchymal stem cells with a lentiviral vector carrying RAB27A**  
Erol Ö. D., Şeker M. E., Pervin B., Van Til N. P., Günel\_Özcan A., Kocafe Y. Ç., Aerts Kaya F. S. F.  
İstinye Üniversitesi Kök Hücre ve Doku Mühendisliği Sempozyumu, İstanbul, Turkey, 27 - 28 February 2021
- VI. **İskelet Kası Fibrozisinde Yeni Bir Düzenleyici; Adipocyte Enhancer Binding Protein 1 (AEBP1)/Aortic Carboxypeptidase- Like Protein (ACLP)**  
Sevim D., KILIÇ H. B., KOCAEFE Y. Ç.  
Tıbbi Biyoloji ve Genetik Kongresi'19, Muğla, Turkey, 27 October 2019
- VII. **İskelet Kası Dejenerasyonu ve Fibrozis Sürecinde, Yeni Hücre Dışı Matris Bileşenleri, Düzenleyicileri ve Çözünebilir Faktörleri Tanımlamaya Yönelik Bütüncül Bir Biyoinformatik Meta-Analiz**  
KILIÇ H. B., KOCAEFE Y. Ç.  
Tıbbi Biyoloji ve Genetik Kongresi'19, Muğla, Turkey, 27 October 2019
- VIII. **A novel ARMS-PCR assay for screening MT-TL1 mutations causing mitochondrial cytopathies**  
KILIÇ H. B., Bekircan Kurt C. E., HALİLOĞLU V. G., ERDEM ÖZDAMAR S., TOPALOĞLU H. A., KOCAEFE Y. Ç.  
FEBS OPEN BIO, 1 - 11 June 2019, vol.9, pp.202
- IX. **Characterization of the Cellular Localization and Expression of AEBP1/ACLP Transcripts with an Unknown Function in Myoblasts**  
KILIÇ H. B., Akçay D., ÖZDEMİR SAKA C., KOCAEFE Y. Ç.  
Molbiyokon'18, İzmir, Turkey, 05 September 2018
- X. **Characterization of the Cellular Localization and Expression of AEBP1/ACLP Transcripts with an Unknown Function in Myoblasts**  
kılıç h. b., akçay d., sevim d., ÖZDEMİR SAKA C., KOCAEFE Y. Ç.  
Molbiokon 18 6th International Congress of the Molecular Biology Association of Turkey, 5 - 08 September 2018
- XI. **Assessment of the Role of Tgf-beta and 3D Echocardiographic Evaluation in the Early Diagnosis of Atrial Remodelling in Elite Athletes**  
YILDIRIM A., TOKGÖZOĞLU S. L., YILDIRIM M., KOCAEFE Y. Ç., DÖNMEZ G., ŞENER Y. Z., OKŞUL M., ÖZER N.  
ESC Congress 2018, MUNCHEN, Germany, 25 - 29 August 2018
- XII. **The Fibrogenic Activation Kinetics of Stromal Stem Cells in Three Different Skeletal Muscle Degeneration Models**  
ÖZDEMİR SAKA C., AKÇAY D., YÖYEN ERMİŞ D., ESENDAĞLI G., KOCAEFE Y. Ç.  
43rd FEBS CONGRESS, 7 - 12 July 2018
- XIII. **Comparative Transcriptome Analysis of Distinct Stromal Cell Populations During Extracellular Matrix Remodeling in Skeletal Muscle**  
ÖZDEMİR SAKA C., AKÇAY D., YÖYEN ERMİŞ D., TAŞKIRAN Z. E., ESENDAĞLI G., KOCAEFE Y. Ç.  
13th Meeting of the Mediterranean Society of Myology, 27 - 29 June 2018, vol.37, pp.129-183

- XIV. **GENERATION OF INDUCED PLURIPOTENT STEM CELLS FROM MESENCHYMAL STEM CELLS OF OSTEOPECTOSIS PATIENTS BY TWO DIFFERENT INTEGRATION-FREE METHODS UNDER FEEDER-FREE CONDITIONS**  
OKUR F. V., CEVHER İ., KILIÇ E., ÖZDEMİR SAKA C., KOCAEFE Y. Ç., ÇETİNKAYA F. D.  
ISCT, 2 - 05 May 2018
- XV. **AEBP1/ACLP is upregulated in differentiation, injury repair and fibrotic degeneration of skeletal muscle**  
Ozdemir C., Akpulat U., Onbasilar I., Kocaefe C.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.287
- XVI. **Generation of targeted insertion in the Klf5 gene of mouse myoblasts (C2C12 cells) using CRISPR/Cas9 system**  
Akçay D., Kocaefe C.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.129
- XVII. **Endocannabinoids And Their Receptors Are Located On Human Bone Marrow Niche Mesenchymal Stem And Hematopoietic Progenitor Cells**  
KÖSE S., AERTS KAYA F. S. F., AKAR İ., NEMUTLU E., KOCAEFE Y. Ç., ÇETİNKAYA F. D., KORKUSUZ P.  
ISSCR annual meeting 2015, 24 - 27 June 2015
- XVIII. **Mitochondrial myopathies: clinical, pathological and genetic features in a large series of patients**  
Celebi O., Kocaefe C., Ozdamar S. E., Ozguc M., Tan E.  
13th Congress of the European-Federation-of-Neurological-Societies, Florence, Italy, 12 - 15 September 2009, vol.16, pp.213
- XIX. **Osteopetrosisli hastalardan izole edilen mezenkimal kök hücrelerde adiposit farklılaşma defekti**  
ÇETİNKAYA F. D., KILIÇ E., SHARAFI P., KAZIK M., AERTS KAYA F. S. F., ERDEMLİ E., CAN A., TEZCANER A., KOCAEFE Y. Ç.  
1. Ulusal Hücresel Tedavi ve Rejeneratif Tıp Kongresi 2009, Turkey, 5 - 08 March 2009, pp.104
- XX. **Mesenchymal stem cells from osteopetrosis patients display a defect in adipocyte differentiation**  
ÇETİNKAYA F. D., KILIÇ E., KAZIK M., SHARAFI P., AERTS KAYA F. S. F., CAN A., TEZCANER A., KOCAEFE Y. Ç.  
ISCT 2008 1. regional meeting, 14 - 16 September 2008, pp.130
- XXI. **Familial parkinsonism with apathy, depression and central hypoventilation (Perry's syndrome)**  
Elibol B., Kobayashi T., Atac F., Hattori N., Sahin G., Gurer G., Mizuno Y.  
5th International Conference on the Progress in Alzheimers and Parkinsons Disease/9th International Catecholamine Symposium, Kyoto, Japan, 31 March - 05 April 2001, vol.51, pp.285-290

## Supported Projects

KOCAEFE Y. Ç., TUBITAK Project, UPKH Uyarılmış Pluripotent Kök Hücre Banka Teknolojileri Geliştirme 1003 projesi, 2014 - Continues

KOCAEFE Y. Ç., ÖZDEMİR SAKA C., ŞİMŞEK R., BORA G., DÖKMECİ S., Project Supported by Higher Education Institutions, Mezenkimal dokularda TGFB1 ve IGF1 faktörlerinin bir epigenetik düzenleyici olarak Klf5 kontrolündeki rolünün araştırılması, 2018 - 2021

YORGUN H., KOCAEFE Y. Ç., ÖZER N., TOKGÖZOĞLU S. L., YILDIRIM A., Project Supported by Higher Education Institutions, Atriyal Yeniden Yapılanmanın Erken Dönem Tanısında Radyodiyagnostik Tekniklerin Tanı Gücünün Araştırılması, 2017 - 2019

OKUR F. V., Özdemir Saka C., Cevher İ., KOCAEFE Y. Ç., Project Supported by Higher Education Institutions, Epizomal Vektör ile Geliştirilen İnsan Uyarılmış Pluripotent Kök Hücrelerinin UPKH pluripotans özelliklerinin ve in vitro farklılaşma potansiyellerinin değerlendirilmesi, 2017 - 2018

KOCAEFE Y. Ç., Project Supported by Higher Education Institutions, İskelet Kası Hasarı ve Tamirinde Yeni Araçlar ve Yolaklar Arayışı, 2016 - 2017

YILMAZ T., SİVRİ B., KANBUR N., KOCAEFE Y. Ç., Project Supported by Higher Education Institutions, Elektronik asistan karnesi yazılımının hastane bilgi yönetim sistemine entegrasyonu, 2015 - 2017  
KOCAEFE Y. Ç., TUBITAK Project, iskelet Kası Kök Hücrelerinde Klf5 Protein Etkileşim Partnerlerinin Ve Yolaklarının Tanımlanması, 2015 - 2017  
KOCAEFE Y. Ç., TUBITAK Project, iskelet Kası Dejenerasyonunda Rol Oynayan Stromal Hücre Populasyonunun Karakterizasyonu, 2015 - 2017  
KOCAEFE Y. Ç., Project Supported by Higher Education Institutions, Kas kök hücreleri farklılaşma ve çoğalma süreçlerinde yeni transkripsiyon faktörlerinin rolü., 2015 - 2016  
KOCAEFE Y. Ç., Project Supported by Higher Education Institutions, Fare Klf5 Genine Bildirici Etiket Dizisinin Yerleştirilmesi ve Protein Etkileşimlerinin Belirlenmesi, 2014 - 2016  
AKPULAT U., Akçay D., Ozdemir Saka C., KOCAEFE Y. Ç., Project Supported by Higher Education Institutions, Yaygın İfade Gösteren Çinko Parmak Transkripsiyon Faktörünün Miyogenezde Tanımlanmış Yeni Rolü, 2015 - 2015

## **Metrics**

Publication: 56  
Citation (WoS): 765  
Citation (Scopus): 862  
H-Index (WoS): 12  
H-Index (Scopus): 13

## **Non Academic Experience**

Novartis Institute of Biomedical Research  
Hacettepe Üniversitesi Tıp Fakültesi  
Genethon Centre for Research and Application on Gene Therapies