

Dr.Öğr.Üyesi BEGÜM KOCATÜRK

Kişisel Bilgiler

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Eğitim Bilgileri

Post Doktora, Amerika Birleşik Devletleri 2018 - 2020

Post Doktora, Türkiye 2015 - 2018

Doktora, Universiteit Leiden, Hollanda 2009 - 2015

Lisans, İhsan Doğramacı Bilkent Üniversitesi, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, Türkiye 2003 - 2008

Araştırma Alanları

Onkoloji, Kardiyoloji, Metabolizma, Moleküler Biyoloji ve Genetik

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Hacettepe Üniversitesi, Kanser Enstitüsü , 2020 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Inositol-requiring enzyme-1 regulates phosphoinositide signaling lipids and macrophage growth**
Hamid S. M. , Citir M., Terzi E. M. , Cimen I., Yildirim Z., Dogan A. E. , Kocaturk B., Onat U. I. , Arditi M., Weber C., et al.
EMBO REPORTS, 2020 (SCI İndekslerine Giren Dergi)
- II. **Interleukin-1 Beta-Mediated Sex Differences in Kawasaki Disease Vasculitis Development and Response to Treatment**
Porritt R. A. , Markman J. L. , Maruyama D., Kocaturk B., Chen S., Lehman T. J. A. , Lee Y., Fishbein M. C. , Rivas M. N. , Arditi M.
ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY, cilt.40, sa.3, ss.802-818, 2020 (SCI İndekslerine Giren Dergi)
- III. **Intercepting the Lipid-Induced Integrated Stress Response Reduces Atherosclerosis**
Onat U. I. , Yildirim A. D. , Tufanli O., Cimen I., Kocaturk B., Veli Z., Hamid S. M. , Shimada K., Chen S., Sin J., et al.
JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, cilt.73, sa.10, ss.1149-1169, 2019 (SCI İndekslerine Giren Dergi)
- IV. **Targeting IRE1 with small molecules counteracts progression of atherosclerosis**
Tufanli O., Akillilar P. T. , Acosta-Alvear D., Kocaturk B., Onat U. I. , Hamid S. M. , Cimen I., Walter P., Weber C., Erbay E.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, cilt.114, sa.8,

2017 (SCI İndekslerine Giren Dergi)

- V. **Prevention of atherosclerosis by bioactive palmitoleate through suppression of organelle stress and inflammasome activation**
Cimen I., Kocaturk B., Koyuncu S., Tufanlı O., Onat U. I. , Yildirim A. D. , Apaydin O., Demirsoy S., Aykut Z. G. , Nguyen U. T. , et al.
SCIENCE TRANSLATIONAL MEDICINE, cilt.8, sa.358, 2016 (SCI İndekslerine Giren Dergi)
- VI. **Alternatively spliced tissue factor synergizes with the estrogen receptor pathway in promoting breast cancer progression**
Kocaturk B., Tieken C., Vreeken D., Unlu B., Engels C. C. , de Kruijf E. M. , Kuppen P. J. , Reitsma P. H. , Bogdanov V. Y. , Versteeg H. H.
JOURNAL OF THROMBOSIS AND HAEMOSTASIS, cilt.13, sa.9, ss.1683-1693, 2015 (SCI İndekslerine Giren Dergi)
- VII. **Orthotopic Injection of Breast Cancer Cells into the Mammary Fat Pad of Mice to Study Tumor Growth**
Kocaturk B., Versteeg H. H.
JOVE-JOURNAL OF VISUALIZED EXPERIMENTS, sa.96, 2015 (SCI İndekslerine Giren Dergi)
- VIII. **Alternatively spliced tissue factor contributes to tumor spread and activation of coagulation in pancreatic ductal adenocarcinoma**
Unruh D., Turner K., Srinivasan R., Kocaturk B., Qi X., Chu Z., Aronow B. J. , Plas D. R. , Gallo C. A. , Kalthoff H., et al.
INTERNATIONAL JOURNAL OF CANCER, cilt.134, sa.1, ss.9-20, 2014 (SCI İndekslerine Giren Dergi)
- IX. **Alternatively spliced tissue factor promotes breast cancer growth in a beta 1 integrin-dependent manner**
Kocaturk B., Van den Berg Y. W. , Tiekema C., Mieog J. S. D. , de Kruijf E. M. , Engels C. C. , van der Ent M. A. , Kuppen P. J. , Van de Velde C. J. , Ruf W., et al.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, cilt.110, sa.28, ss.11517-11522, 2013 (SCI İndekslerine Giren Dergi)
- X. **Tissue factor-integrin interactions in cancer and thrombosis: every Jack has his Jill**
Kocaturk B., Versteeg H. H.
JOURNAL OF THROMBOSIS AND HAEMOSTASIS, cilt.11, ss.285-293, 2013 (SCI İndekslerine Giren Dergi)
- XI. **Tissue factor isoforms in cancer and coagulation: May the best isoform win**
Kocaturk B., Versteeg H. H.
THROMBOSIS RESEARCH, cilt.129, 2012 (SCI İndekslerine Giren Dergi)
- XII. **Complete abolishment of coagulant activity in monomeric disulfide-deficient tissue factor**
van den Hengel L. G. , Kocaturk B., Reitsma P. H. , Ruf W., Versteeg H. H.
BLOOD, cilt.118, sa.12, ss.3446-3448, 2011 (SCI İndekslerine Giren Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Complement C3 deficiency exacerbates development of cardiovascular lesions in the LCWE-induced Kawasaki Disease Vasculitis**
KOCATÜRK B., Lee Y., moreira d., lane m., Noval R. M. , Arditi M.
Immunology 2020, 8 - 12 Mayıs 2020
- II. **Blocking Tissue Factor signaling in breast cancer inhibits tumor metastasis**
Unlu B., Kocaturk B., Ruf W., Versteeg H. H.
9th International Conference on Thrombosis and Hemostasis Issues in Cancer (ICTHIC), Bergamo, İtalya, 13 - 15 Nisan 2018, cilt.164
- III. **A bioactive lipid named Palmitoleate inhibits atherosclerosis via downregulation of ER stress and inflammasome activation.**
KOCATÜRK B., Çimen İ., Tufanlı Ö., Koyuncu S., Apaydin O., Onat U. İ. , Hotamışlıgil G. S. , ERBAY E.
Hacettepe 2nd lipid research workshop (HULİPAG), Türkiye, 07 Ekim 2017
- IV. **Nutritional modification of endoplasmic reticulum stress and inflammasome activity by a bioactive**

lipokine prevents atherosclerosis

Kocaturk B., Cimen I., Tufanli O., Koyuncu S., Apaydin O., Onat U. I. , Hotamisligil G. S. , Erbay E.

41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Türkiye, 3 - 08 Eylül 2016, cilt.283, ss.25

V. Alternatively spliced Tissue Factor fuels breast cancer growth by binding to a non-canonical site on beta1 integrins

KOCATÜRK B., van den berg Y. W. , Tieken C., Kuppen P. J. , ruf w, Reitsma P. H. , Osanto S, Bogdanov V. Y. , Versteeg H. H.

XXIV ISTH Congress, 29 Haziran - 04 Temmuz 2013, cilt.11, ss.74

VI. Alternatively spliced tissue factor triggers breast tumor growth

Kocaturk B., Tieken C., Reitsma P. H. , Bogdanov V. Y. , Versteeg H. H.

6th International Conference on Thrombosis and Hemostasis Issues in Cancer, Bergamo, İtalya, 20 - 22 Nisan 2012, cilt.129

VII. Differential localization of full length tissue factor and alternatively spliced tissue factor in breast cancer cells

KOCATÜRK B., van den berg Y. W. , Reitsma P. H. , Bogdanov V. Y. , Versteeg H. H.

XXIII ISTH Congress, 23 - 27 Temmuz 2011, cilt.9, ss.890

Atıflar

Toplam Atıf Sayısı (WOS):280

h-indeksi (WOS):9

Burslar

Fulbright doktora sonrası araştırma bursu, Fulbright Programı, 2018 - 2019

Üstün başarı Bursu, Üniversite, 2007 - 2008