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International Researcher IDs

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Education Information

Post Doctorate, Louisiana State University, Health Science Center, Department of Pharmacology and Experimental Therapeutics, United States Of America 2007 - 2007

Post Doctorate, Louisiana State University, Health Science Center, Department of Pharmacology and Experimental Therapeutics, United States Of America 2001 - 2001

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakoloji (Dr), Turkey 1991 - 1997

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmakoloji (YI) (Tezli), Turkey 1989 - 1991

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr. (4 Yıllık), Turkey 1984 - 1989

Research Areas

Health Sciences, Pharmacology and Therapeutics

Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2010 - Continues

Associate Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2006 - 2010

Associate Professor, Mersin University, School Of Medicine, Department Of Internal Medicine, 2005 - 2006

Assistant Professor, Mersin University, School Of Medicine, Department Of Internal Medicine, 2001 - 2005

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 1990 - 2001

Academic and Administrative Experience

Head of Department, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - Continues

Gazi University, Eczacılık Fakültesi, 2006 - 2009

Advising Theses

ARK M., Investigation of the possible relationship between the drugs-induced senescent cell secretome, cell proliferation and rho kinase, Doctorate, Y.DİLBER(Student), 2017

ARK M., MCF-7 hücrelerinde hücre ölümü ve rho kinaz arasındaki olası ilişkinin değerlendirilmesi, Doctorate, B.İBİŞOĞLU(Student), 2016

ARK M., Investigation of the possible link between cardiac glycosides mediated cytotoxicity and RHO/RHO kinase pathway on cancer cell lines, Doctorate, A.ÖZDEMİR(Student), 2014

ARK M., Investigation on cytotoxic activity of extracts from *Cyclotrichium niveum* L., Postgraduate, M.YILDIZ(Student), 2014

ARK M., Investigation of possible link between RHO kinase and ouabain-induced senescence, Postgraduate, Y.DİLBER(Student), 2013

ARK M., Investigation of the possible anticancer activity of pyrazole derived compounds, Postgraduate, D.BÜLBÜL(Student), 2011

ARK M., Uvabain aracılığıyla hücre cevaplarında rho-kinaz enziminin olası rolünün proteomik yöntemlerle incelenmesi, Postgraduate, E.BAYRAM(Student), 2010

ARK M., Normal ve preeklampşik plasentalarda ezrin/ radixin /moesin (ERM) ekspresyonlarının incelenmesi, Postgraduate, A.CİHAN(Student), 2010

ARK M., UVABAİN ARACILIKLI HÜCRESEL CEVAPLARDA RHO-KİNAZ ENZİMİNİN OLASI ROLÜNÜN PROTEOMİK YÖNTEMLERLE İNCELENMESİ, Postgraduate, E.BAYRAM(Student), 2010

ARK M., İzole sıçan kalbinde Miyozin Hafif Zincir aktivasyonunun gece-gündüz farkına pozitif inotropik ajanların etkisinin araştırılması, Doctorate, E.AYPAR(Student), 2008

ARK M., İnsan umbilikal ven endotel hücrelerinde uvabain ile indüklenen aponekrotik ölümlerde Rho Kinazın olası rolünün incelenmesi, Postgraduate, A.ÖZDEMİR(Student), 2008

ARK M., İNSAN UMBİLİKAL VEN ENDOTEL HÜCRELERİNDE UVABAİN İLE İNDÜKLENEN APONEKROTİK ÖLÜMLERDE RHO KİNAZIN OLASI ROLÜNÜN İNCELENMESİ, Postgraduate, A.ÖZDEMİR(Student), 2008

ARK M., Kronik ouabain uygulanmış sıçanların damar, böbrek ve kalp dokularında rho-kinaz enzim ekspresyonlarının incelenmesi, Postgraduate, G.GÖZÜBÜYÜK(Student), 2007

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Temporal regulation of gene expression and pathways in chemotherapy-induced senescence in HeLa cervical cancer cell line**
Sucularli C., Şimay Demir Y. D., Özdemir A., Ark M.
BIOSYSTEMS, vol.237, 2024 (SCI-Expanded)
- II. **Screening of medicinal plant extracts as novel DNA gyrase inhibitors**
Oyardı Ö., Özçelik B., Caliskan U. K., Demir S., Ark M.
INDIAN JOURNAL OF TRADITIONAL KNOWLEDGE, vol.22, no.1, pp.211-219, 2023 (SCI-Expanded)
- III. **Editorial: Cellular senescence in physiology and pathophysiology**
ARK M., Uddin M. N.
Frontiers in Physiology, vol.14, 2023 (SCI-Expanded)
- IV. **Effect of Finishing-Polishing Procedures on Cytotoxicity of Resin-Based Restorative Materials via Real-Time Cell Analysis.**
Çimen C., Demirsoy F. F., Özdemir A., Ark M., Özalp N.
The Journal of clinical pediatric dentistry, vol.46, no.1, pp.24-29, 2022 (SCI-Expanded)
- V. **The implication of ROCK 2 as a potential senotherapeutic target via the suppression of the harmful effects of the SASP: Do senescent cancer cells really engulf the other cells?**
Demir Y. D., Özdemir A., Sucularli C., Benhür E., Ark M.
CELLULAR SIGNALLING, vol.84, 2021 (SCI-Expanded)
- VI. **Antimigratory effect of pyrazole derivatives through the induction of STAT1 phosphorylation in A549 cancer cells**
Şimay Demir Y. D., Özdemir A., Özdemir R. G., Cevher S. C., Çalışkan B., Ark M.
JOURNAL OF PHARMACY AND PHARMACOLOGY, vol.73, no.6, pp.808-815, 2021 (SCI-Expanded)
- VII. **A novel proteolytic cleavage of ROCK 1 in cell death: Not only by caspases 3 and 7 but also by**

caspase 2

Özdemir A., İbişoğlu B., Şimay Demir Y. D., Benhür E., Valipour F., Ark M.

BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol.547, pp.118-124, 2021 (SCI-Expanded)

- VIII. **A novel ROCK inhibitor: off-target effects of metformin**
ÖZDEMİR A., ARK M.
TURKISH JOURNAL OF BIOLOGY, vol.45, no.1, pp.35-45, 2021 (SCI-Expanded)
- IX. **Novel palladium(II) complexes of N-(5-nitro-salicylidene)-Schiff bases: Synthesis, spectroscopic characterization and cytotoxicity investigation**
Özdemir Ö., Gurkan P., Şimay Demir Y. D., Ark M.
JOURNAL OF MOLECULAR STRUCTURE, vol.1207, 2020 (SCI-Expanded)
- X. **Evaluation of Cytotoxic Activity of New Benzimidazole-Piperazine Hybrids Against Human MCF-7 and A549 Cancer Cells**
ÖZDEMİR A., Thranli S., ÇALIŞKAN B., Arka M., BANOĞLU E.
Pharmaceutical Chemistry Journal, vol.53, no.11, pp.1036-1046, 2020 (SCI-Expanded)
- XI. **The connection between the cardiac glycoside-induced senescent cell morphology and Rho/Rho kinase pathway**
Simay Y. D., ÖZDEMİR A., Ibisoglu B., ARK M.
CYTOSKELETON, vol.75, no.11, pp.461-471, 2018 (SCI-Expanded)
- XII. **Gemcitabine hydrochloride-loaded liposomes and nanoparticles: comparison of encapsulation efficiency, drug release, particle size, and cytotoxicity**
YALÇIN T. E., İLBASMIŞ TAMER S., Ibisoglu B., ÖZDEMİR A., ARK M., TAKKA S.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.23, no.1, pp.76-86, 2018 (SCI-Expanded)
- XIII. **Promising anticancer activity of Cyclotrichium niveum L. extracts through induction of both apoptosis and necrosis**
ÖZDEMİR A., Yıldiz M., ŞENOL DENİZ F. S., Simay Y. D., Iboğlu B., GÖKBULUT A., ERDOĞAN ORHAN İ., ARK M.
FOOD AND CHEMICAL TOXICOLOGY, vol.109, pp.898-909, 2017 (SCI-Expanded)
- XIV. **Cardiac glycoside-induced cell death and Rho/Rho kinase pathway: Implication of different regulation in cancer cell lines**
ÖZDEMİR A., Simay Y. D., Ibisoglu B., Yaren B., Bulbul D., ARK M.
STEROIDS, vol.109, pp.29-43, 2016 (SCI-Expanded)
- XV. **Atorvastatin acutely reduces the reactivity to spasmogens in rat aorta: implication of the inhibition of geranylgeranylation and MYPT-1 phosphorylation**
Yildirim F. I. A., Durman D. K., Aypar E., ARK M., Ozdemir O., UYDEŞ DOĞAN B. S.
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.30, no.2, pp.96-106, 2016 (SCI-Expanded)
- XVI. **Diurnal Temporal Blood H2S Variations Correlate with the Circadian Rhythm of Vascular Contraction and Blood Pressure**
ULUDAĞ M. O., Hicdurmaz E., HAN S., USANMAZ S. E., Abacioglu N., ARK M., DEMİREL YILMAZ E.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.12, no.6, pp.587-596, 2016 (SCI-Expanded)
- XVII. **Chronic ouabain treatment induces Rho kinase activation**
ÖZDEMİR A., Sahan G., Demirtas A., Aypar E., Gozubuyuk G., Turan N. N., ARK M.
ARCHIVES OF PHARMACAL RESEARCH, vol.38, no.10, pp.1897-1905, 2015 (SCI-Expanded)
- XVIII. **Ouabain induces Rho-dependent rock activation and membrane blebbing in cultured endothelial cells**
Ozdemir A., Ibisoglu B., Simay Y. D., Polat B., Ark M.
MOLECULAR BIOLOGY, vol.49, no.1, pp.138-143, 2015 (SCI-Expanded)
- XIX. **The Effect of Taurine on the Relationship Between NO, ADMA and Homocysteine in Endotoxin-Mediated Inflammation in HUVEC Cultures**
PAŞAOĞLU Ö. T., Turkozkan N., ARK M., Polat B., Agilli M., Yaman H.
INFLAMMATION, vol.37, no.5, pp.1439-1443, 2014 (SCI-Expanded)
- XX. **Synthesis and Pharmacological Evaluation of Some Novel Thebaine Derivatives: N-(Tetrazol-1H-5-yl)-6,14-endoethenotetrahydrothebaine Incorporating the 1,3,4-Oxadiazole or the 1,3,4-Thiadiazole**

Moiety

YAVUZ S., ÜNAL Y., Pamir O., Yilmazer D., KURTİPEK Ö., KAVUTÇU M., ARSLAN M., ARK M., YILDIRIR Y.
ARCHIV DER PHARMAZIE, vol.346, no.6, pp.455-462, 2013 (SCI-Expanded)

- XXI. **The Relationship Between NO, ADMA and Homocysteine in Endotoxin-Mediated Inflammation in HUVEC Cultures**
PAŞAOĞLU Ö. T., Turkozkan N., ARK M., Polat B., Agilli M., Yaman H.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.38, no.3, pp.258-261, 2013 (SCI-Expanded)
- XXII. **A newly described scorpion species, *Leiurus abdullahbayrami* (Scorpion: Buthidae), and the lethal potency and in vivo effects of its venom**
Ozkan O., Yagmur E. A., Ark M.
JOURNAL OF VENOMOUS ANIMALS AND TOXINS INCLUDING TROPICAL DISEASES, vol.17, no.4, pp.414-421, 2011 (SCI-Expanded)
- XXIII. **Ouabain-induced apoptosis and Rho kinase: a novel caspase-2 cleavage site and fragment of Rock-2**
ARK M., ÖZDEMİR A., Polat B.
APOPTOSIS, vol.15, no.12, pp.1494-1506, 2010 (SCI-Expanded)
- XXIV. **Endothelium-dependent induction of vasorelaxation by *Melissa officinalis* L. ssp *officinalis* in rat isolated thoracic aorta**
Ersoy S., Orhan İ., Turan N. N., Sahan G., Ark M., Tosun F.
PHYTOMEDICINE, vol.15, no.12, pp.1087-1092, 2008 (SCI-Expanded)
- XXV. **Ouabain-induced hypertension and rho kinase**
ÖZDEMİR A., Aypar E., Pahan G., Gozubuyuk G., Demirtap A., Turan N. N., ARK M.
FASEB JOURNAL, vol.22, 2008 (SCI-Expanded)
- XXVI. **Chemical preconditioning effect of 3-nitropropionic acid in anesthetized rat heart**
Turan N. N., Basgut B., Aypar E., ARK M., Iskit A. B., Cakici I.
LIFE SCIENCES, vol.82, pp.928-933, 2008 (SCI-Expanded)
- XXVII. **Nitric oxide does not downregulate Rho-kinase (ROCK-2) expression in rat coronary endothelial cells**
Tiftik R. N., EROL A., ÇINAR M. E., Kubat H., Ark M., GÖKSEL S., Buyukafsar K.
JOURNAL OF CARDIOVASCULAR PHARMACOLOGY, vol.51, no.2, pp.140-147, 2008 (SCI-Expanded)
- XXVIII. **Synthesis of the amide derivatives of 3-[1-(3-pyridazinyl)-5-phenyl-1H-pyrazole-3-yl]propanoic acids as potential analgesic compounds**
BANOĞLU E., Sukuroglu M. K., Ergun B., BAYTAŞ S., Aypar E., Ark M.
TURKISH JOURNAL OF CHEMISTRY, vol.31, no.6, pp.677-687, 2007 (SCI-Expanded)
- XXIX. **Involvement of rho kinase in the ouabain-induced contractions of the rat renal arteries**
Ark M., Kubat H., Beydagi H., Ergenoglu T., Songu-Mize E.
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol.340, no.2, pp.417-421, 2006 (SCI-Expanded)
- XXX. **Comparison of spectrophotometric, HPLC and chemiluminescence methods for 3-nitrotyrosine and peroxyxynitrite interaction**
Turan N., Ark M., Demiryurek A.
ARCHIVES OF PHARMACAL RESEARCH, vol.28, no.3, pp.358-363, 2005 (SCI-Expanded)
- XXXI. **Rho-associated protein kinase II (rock II) expression in normal and preeclamptic human placentas**
Ark M., Yilmaz N., Yazici G., Kubat H., Aktas S.
PLACENTA, vol.26, no.1, pp.81-84, 2005 (SCI-Expanded)
- XXXII. **Upregulation of Rho-kinase (ROCK-2) expression and enhanced contraction to endothelin-1 in the mesenteric artery from lipopolysaccharide-treated rats**
Buyukafsar K., Arikan O., Ark M., Kubat H., Ozveren E.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.498, pp.211-217, 2004 (SCI-Expanded)
- XXXIII. **Analgesic activity of *Cistus laurifolius* in mice**
Ark M., Ustun O., Yesilada E.
PHARMACEUTICAL BIOLOGY, vol.42, no.2, pp.176-178, 2004 (SCI-Expanded)
- XXXIV. **Rho-kinase expression and its contribution to the control of perfusion pressure in the isolated rat**

mesenteric vascular bed

Buyukafsar K., Arıkan O., Ark M., Secilmis A., Un I., Singirik E.

EUROPEAN JOURNAL OF PHARMACOLOGY, vol.485, pp.263-268, 2004 (SCI-Expanded)

- XXXV. **Effects of HA-1077 and Y-27632, two Rho-kinase inhibitors, in the human umbilical artery**
Ark M., Ozveren E., Yazici G., Korkmaz B., Buyukafsar K., Arıkan O., Kubat H., Songu-Mize E.
CELL BIOCHEMISTRY AND BIOPHYSICS, vol.41, no.3, pp.331-342, 2004 (SCI-Expanded)
- XXXVI. **Expression of Rho-kinase and its functional role in the contractile activity of the mouse vas deferens**
Buyukafsar K., Levent A., Ark M.
BRITISH JOURNAL OF PHARMACOLOGY, vol.140, no.4, pp.743-749, 2003 (SCI-Expanded)
- XXXVII. **Short-term stretch translocates the alpha-1-subunit of the Na pump to plasma membrane**
Sevieux N., Ark M., Hornick C., Songu-Mize E.
CELL BIOCHEMISTRY AND BIOPHYSICS, vol.38, no.1, pp.23-32, 2003 (SCI-Expanded)
- XXXVIII. **Mediation of nitric oxide from photosensitive stores in the photorelaxation of the rabbit corpus cavernosum**
Buyukafsar K., Levent A., Un I., Ark M., Ankan O., Ozveren E.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.459, pp.263-267, 2003 (SCI-Expanded)
- XXXIX. **Acute stretch translocates Na-pump alpha-1 subunit to plasma membrane in smooth muscle cells**
Ark M., Sevieux N., Hornick C., He Z., Song-Mize E.
FASEB JOURNAL, vol.16, no.4, 2002 (SCI-Expanded)
- XL. **NITRIC-OXIDE PRODUCTION BY HUMAN UMBILICAL VESSELS IN SEVERE PREECLAMPSIA**
AKAR F., ARK M., UYDES B., SOYSAL M., SARACOGLU F., ABACIOGLU N., VANDEVOORDE J., KANZIK I.
JOURNAL OF HYPERTENSION, vol.12, no.11, pp.1235-1241, 1994 (SCI-Expanded)
- XLI. **EFFECTS OF CYCLOOXYGENASE AND LIPOXYGENASE INHIBITORS ON DIGOXIN-INDUCED ARRHYTHMIAS AND HEMODYNAMICS IN GUINEA-PIGS**
KANZIK I., CAKICI I., ERSOY S., ARK M., ABACIOGLU N., ZENGIL H.
PHARMACOLOGICAL RESEARCH, vol.26, no.3, pp.305-316, 1992 (SCI-Expanded)

Articles Published in Other Journals

- I. **Antioxidant and Cytotoxic Activity Studies in Series of Higher Amino Acid Schiff Bases**
Özdemir Ö., Gürkan P., Şimay Demir Y. D., Ark M.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.33, no.3, pp.646-660, 2020 (ESCI)
- II. **xCELLigence Real Time Cell Analysis System A New Method for Cell Proliferation and Cytotoxicity**
ÖZDEMİR A., ARK M.
Niche Journal, vol.2, no.2, pp.15-17, 2014 (Peer-Reviewed Journal)
- III. **Uvabain Aracılıklı Apoptotik Hücre Ölümleri ve Rho Kinaz Bir Proteomik Çalışma**
BAYRAM E., ÖZDEMİR A., CİHAN A., ÖZEL DEMİRALP F. D., POLAT B., ARK M.
Mersin Üniversitesi Sağlık Bilimleri Dergisi, 2010 (Peer-Reviewed Journal)
- IV. **Rho Kinaz ve Apoptoz**
ÖZDEMİR A., ARK M.
Mersin Üniversitesi Sağlık Bilimleri Dergisi, 2009 (Peer-Reviewed Journal)
- V. **Screening of various Viscum album L. samples for their possible vascular effects**
ERGUN F., Deliorman D., AKAR F., ARK M., KANZIK İ.
Gazi Üniversitesi Eczacılık Fakültesi Dergisi, vol.12, no.2, pp.153-158, 1995 (Scopus)

Books & Book Chapters

- I. **Senescent cells and SASP in cancer microenvironment: New approaches in cancer therapy**
ÖZDEMİR A., ŞİMAY DEMİR Y. D., YEŞİLYURT Z., ARK M.

in: Advances in Protein Chemistry and Structural Biology, rossen Donev, Editor, Elsevier, pp.115-158, 2023

II. Hücre Kültürü ve Temel Moleküler Biyoloji Protokolleri

ARK M., ÖZDEMİR A., ŞİMAY Y. D., İbişoğlu B.

Ankara Nobel Tıp Kitabevleri, Ankara, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **KEMOTERAPİ İLE İNDÜKLENEN SENESENT HÜCRE SEKRETOMUNUN MODÜLASYONU İÇİN YENİ BİR HEDEF OLARAK LİPİT RAFTLARININ DEĞERLENDİRİLMESİ**
Şimay Demir Y. D., Özdek E., Yeşilyurt Z. E., Özdemir A., Ark M.
2. ULUSLARARASI 27. ULUSAL FARMAKOLOJİ KONGRESİ, Antalya, Turkey, 23 - 26 November 2023
- II. **Doksorubisin ile İndüklenen Senesent Hela Hücrelerinde Parekoksibin Senomorfik Etkinliğinin Değerlendirilmesi**
Bozan E. B., ÖZDEMİR A., ŞİMAY DEMİR Y. D., ARK M.
12th International Medicine and Health Sciences Researches Congress, Ankara, Turkey, 18 - 19 March 2023
- III. **A Novel Specific Cell Death Morphology for Cardiac Glycosides and MCF7 Cells: Implication of E-Cadherin and Cell-Cell Junctions**
Özdemir A., Yeşilyurt Z. E., Şimay Demir Y. D., Ark M.
ICDS meeting "Future of Cell Death in Basic Science and Translational Medicine, İstanbul, Turkey, 2 - 04 July 2022
- IV. **Teofilin A549 Hücrelerinde Senesens İle İlişkili Salgı Fenotipini (SASP) Modüle Etmektedir**
Özdemir A., Kargioğlu E., Yeşilyurt Z. E., Ark M.
10. ULUSAL MOLEKÜLER BİYOLOJİ VE BİYOTEKNOLOJİ KONGRESİ, Ankara, Turkey, 18 - 20 December 2021, pp.41
- V. **A POTENTIAL SENOTHERAPEUTIC DRUG: THEOPHYLLINE RESTORES THE DOXORUBICIN-INDUCED SENESENT CELL MORPHOLOGY IN A549 CELLS**
Şahinoğlu E., Ark M., Özdemir A.
3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021
- VI. **Piyasadaki moringa temelli zayıflama çayının endotel hücrelerinde hücre ölümü ve genotoksisite değerlendirilmesi**
Cengiz E. C., ARK M., EMERCE E.
Türkiye 13. Gıda Kongresi, Turkey, 21 - 23 October 2020
- VII. **Antimigratory Effect of a Newly Synthesized Pyrazole Derivative Compound in A549 Cancer Cells**
ÖZDEMİR A., Gönbe Özdemir R., ŞİMAY DEMİR Y. D., Cevher S. C., Şahinoğlu E., ÇALIŞKAN B., ARK M.
DGZ International Meeting, 17 - 19 September 2018, vol.44
- VIII. **Possible involvement of Rho Kinase on the secretory activity of drug-induced senescent cell**
ŞİMAY DEMİR Y. D., ÖZDEMİR A., ARK M.
Cold Spring Harbor Meetings, 15 - 19 August 2017
- IX. **Holographic view of the senescent cells: Imagine all the senescent cells are not flattened**
Simay Y. D., ÖZDEMİR A., İbisoglu B., ARK M.
Experimental Biology Meeting, Illinois, United States Of America, 22 - 26 April 2017, vol.31
- X. **Anticancer activity of novel benzimidazole derivatives against MCF-7 cancer cells**
ÖZDEMİR A., Uzunoglu S., ÇALIŞKAN B., BANOĞLU E., ARK M.
Experimental Biology Meeting, Illinois, United States Of America, 22 - 26 April 2017, vol.31
- XI. **A possible novel mechanism in the formation of senescent cell morphology: caveolar depletion and rho kinases**
ŞİMAY DEMİR Y. D., ÖZDEMİR A., İbişoğlu B., ARK M.
12th International Congress of Cell Biology, 21 - 25 July 2016
- XII. **A novel proteolytic cleavage of ROCK 1 by caspase-2**
İbişoğlu B., ÖZDEMİR A., ŞİMAY DEMİR Y. D., ARK M.
7th European Congress of Pharmacology, 26 - 30 June 2016
- XIII. **Cytotoxic Activity Appraisal of Different Extracts From Cyclotrichium Niveum L. In Three Cell Lines**

Yıldız M., ŞENOL DENİZ F. S., ÖZDEMİR A., İbişoğlu B., ŞİMAY DEMİR Y. D., ERDOĞAN ORHAN İ., ARK M.
pytopharm, 3 - 05 July 2014

- XIV. **Combination of ouabain and a specific ROCK inhibitor Y27632 in HeLa cells: implication of therapeutic benefits**
İbişoğlu B., ŞİMAY DEMİR Y. D., ÖZDEMİR A., ARK M.
FASEB JOURNAL, San Diego, 26 - 30 April 2014, vol.28
- XV. **Combination of ouabain and a specific ROCK inhibitor Y27632 in HeLa cells: implication of therapeutic benefits**
Ibisoglu B., Simay Y., ÖZDEMİR A., ARK M.
Experimental Biology Meeting, California, United States Of America, 26 - 30 April 2014, vol.28
- XVI. **Cleavage of ROCK II: As a Common Phenomenon in Cell Death**
ÖZDEMİR A., Ibisoglu B., Simay Y. D., Yaren B. M., ARK M.
Joint Annual Meeting of the ASPET/BPS at Experimental Biology (EB), Massachusetts, United States Of America, 20 - 24 April 2013, vol.27
- XVII. **Rock Inhibition Reduces Senescent Cell Size**
Simay Y. D., Hosbas S., Ibisoglu B., Yildiz M., ÖZDEMİR A., ARK M.
Joint Annual Meeting of the ASPET/BPS at Experimental Biology (EB), Massachusetts, United States Of America, 20 - 24 April 2013, vol.27
- XVIII. **Ouabain Induces Caspase-2 Dependent Rock II Cleavage In HeLa Cells**
ÖZDEMİR A., Bulbul D., ARK M.
Experimental Biology Meeting 2011, Washington, Kiribati, 9 - 13 April 2011, vol.25
- XIX. **Levosimendan protect aganist ischemia-reperfusion injury in the isolated perfused rat heart model**
Turan N. N., Sahan G., Ozcelikay T., Ulus A. T., Ark M.
35th Congress of the Federation-of-European-Biochemical-Societies, Gothenburg, Sweden, 26 June - 01 July 2010, vol.277, pp.116
- XX. **İzole sıçan aortunda rho-kinaz ekspresyonu ve aktivasyonunun günüçi ritminin incelenmesi.**
Hiçdurmaz E., Han S., Ark M., Uludağ M. O., Abacıoğlu N.
XX. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2009, pp.198
- XXI. **Ouabain-induced apoptosis and Rho kinase**
Ozdemir A., Polat B., Ark M.
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.215
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Gazi Üniversitesi Eczacılık Fakültesi

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