

Prof. PINAR MEGA TİBER

Personal Information

Email: pinar.tiber@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/pinar.tiber>

International Researcher IDs

ScholarID: smxiewEAAAAJ

ORCID: 0000-0003-0819-0702

Publons / Web Of Science ResearcherID: HJZ-3019-2023

ScopusID: 25923160500

Yoksis Researcher ID: 172676

Foreign Languages

English, C2 Mastery

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Marmara University, School of Medicine, Basic Medical Sciences, 2023 - Continues

Associate Professor, Marmara University, School of Medicine, Basic Medical Sciences, 2017 - Continues

Assistant Professor, Marmara University, School of Medicine, Basic Medical Sciences, 2012 - 2017

Lecturer PhD, Marmara University, School of Medicine, Basic Medical Sciences, 2009 - 2012

Research Assistant, Marmara University, School of Medicine, Basic Medical Sciences, 1997 - 2009

Academic and Administrative Experience

Marmara University, Institute of Health Sciences, 2015 - 2018

Marmara University, Institute of Health Sciences, 2015 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis and Evaluation of Novel Metacetamol Derivatives with Hydrazone Moiety as Anticancer and Antimicrobial Agents**
ŞENKARDEŞ S., Atıhan İ., Çayır E., MEGA TİBER P., ORUN O., NİĞİZ Ş., ÖZKUL KOÇAK C., GÜNDÜZ M. G., Küçükgüzel Ş. G.
CHEMISTRY & BIODIVERSITY, vol.20, no.8, 2023 (SCI-Expanded)
- II. **Radiation pneumonitis in relation to pulmonary function, dosimetric factors, TGF beta 1 expression, and quality of life in breast cancer patients receiving post-operative radiotherapy: a prospective 6-month follow-up study**

Ozgen Z., Orun O., Atasoy B. M., Mega Tiber P., Akdeniz E., Cimsit C., Eryuksel E., Karakurt S.

CLINICAL & TRANSLATIONAL ONCOLOGY, vol.25, no.5, pp.1287-1296, 2023 (SCI-Expanded)

- III. **Morphine ameliorates pentylene-tetrazole-induced locomotor pattern in zebrafish embryos; mechanism involving regulation of opioid receptors, suppression of oxidative stress, and inflammation in epileptogenesis**
Üstündağ F. D., Ünal İ., Üstündağ Ü. V., Cansız D., Beler M., Alturfan A. A., Tiber P., Emekli-Alturfan E. I.
TOXICOLOGY MECHANISMS AND METHODS, vol.33, no.2, pp.151-160, 2023 (SCI-Expanded)
- IV. **The role of the PTEN/mTOR axis in clinical response of rectal cancer patients**
Orun O., Özden S., Kılınç O., Mega Tiber P., Yonar P., Özgen Z., Özyurt H.
Molecular Biology Reports, vol.49, no.9, pp.8461-8472, 2022 (SCI-Expanded)
- V. **Synthesis and molecular modeling of MetAP2 of thiosemicarbazides, 1,2,4-triazoles, thioethers derived from (S)-Naproxen as possible breast cancer agents**
Birgül K., Uba A. I., Çuhadar O., Sevinç S. K., Tiryaki S., MEGA TİBER P., ORUN O., Telci D., Yılmaz Ö., Yelekcı K., et al.
Journal of Molecular Structure, vol.1259, 2022 (SCI-Expanded)
- VI. **The relationship between vitamin D receptor gene polymorphisms and periodontitis in turkish individuals with type 2 diabetes mellitus**
Yildiz A. S., Ustundag F. D., Tiber P., Dogan B.
Nigerian Journal of Clinical Practice, vol.25, no.7, pp.1163-1172, 2022 (SCI-Expanded)
- VII. **3-Pyridinylboronic Acid Ameliorates Rotenone-Induced Oxidative Stress Through Nrf2 Target Genes in Zebrafish Embryos.**
Üstündağ F. D., Ünal İ., Üstündağ Ü. V., Cansız D., Beler M., Karagöz A., Kara Subaşı H., Alturfan A. A., Mega Tiber P., Emekli-Alturfan E. I.
Neurochemical research, vol.47, no.1, pp.1553-1564, 2022 (SCI-Expanded)
- VIII. **3-Pyridinylboronic acid normalizes the effects of 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine exposure in zebrafish embryos.**
Üstündağ F., Ünal İ., Cansız D., Üstündağ Ü., Subaşı H., Alturfan A., Tiber P., Emekli-Alturfan E. I.
Drug and chemical toxicology, vol.45, no.2, pp.947-954, 2022 (SCI-Expanded)
- IX. **Doxorubicin hydrochloride loaded nanotextured films as a novel drug delivery platform for ovarian cancer treatment**
YAŞAYAN G., MEGA TİBER P., ORUN O., ALARÇİN E.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.25, no.10, pp.1289-1301, 2020 (SCI-Expanded)
- X. **The interactions of human ovarian cancer cells and nanotextured surfaces: cell attachment, viability and apoptosis studies**
Yaşayan G., Orun O., Mega Tiber P., Rozman V., Sevinc S.
RSC ADVANCES, vol.9, pp.25957-25966, 2019 (SCI-Expanded)
- XI. **Biological effects of whole Z. Officinale extract on chronic myeloid leukemia cell line K562**
MEGA TİBER P., KOÇYİĞİT SEVİNÇ S., KILINÇ O., ORUN O.
GENE, vol.692, pp.217-222, 2019 (SCI-Expanded)
- XII. **Chromatin modifications of hTERT gene in hTERT-immortalized human mesenchymal stem cells upon exposure to radiation**
Serakinci N., Mega Tiber P., Orun O.
EUROPEAN JOURNAL OF MEDICAL GENETICS, vol.61, no.5, pp.288-293, 2018 (SCI-Expanded)
- XIII. **Expression of cardiac inwardly rectifying potassium channels in pentylene-tetrazole kindling model of epilepsy in rats**
Akyuz E., MEGA TİBER P., Beker M., Akbas F.
CELLULAR AND MOLECULAR BIOLOGY, vol.64, no.15, pp.47-54, 2018 (SCI-Expanded)
- XIV. **Accumulation of cardiac inwardly rectifier potassium channels in a rat model of epilepsy**
Akyuz E., Tiber P., Beker M., Ercan C., Akbas F.
EUROPEAN BIOPHYSICS JOURNAL WITH BIOPHYSICS LETTERS, vol.46, 2017 (SCI-Expanded)
- XV. **FRET-based characterization of K264A, D345A, and Y335A mutants in the human dopamine transporter**

ORUN O., MEGA TİBER P.

TURKISH JOURNAL OF BIOLOGY, vol.41, no.2, pp.378-387, 2017 (SCI-Expanded)

- XVI. **Partial knockdown of TRF2 increase radiosensitivity of human mesenchymal stem cells**
Orun O., Mega Tiber P., Serakinci N.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.90, pp.53-58, 2016 (SCI-Expanded)
- XVII. **Synthesis of Tolmetin Hydrazide-Hydrazones and Discovery of a Potent Apoptosis Inducer in Colon Cancer Cells**
KÜÇÜKGÜZEL Ş. G., Koc D., Cıkla-Suzgun P., ÖZSAVCI D., BİNGÖL ÖZAKPINAR Ö., MEGA TİBER P., ORUN O., Erzincan P., Sag-Erdem S., ŞAHİN F.
Archiv der Pharmazie, vol.348, no.10, pp.730-742, 2015 (SCI-Expanded)
- XVIII. **Synthesis of pro-apoptotic indapamide derivatives as anticancer agents**
Yilmaz O., Turan S., Akbuga J., MEGA TİBER P., ORUN O., Supuran C. T., KÜÇÜKGÜZEL Ş. G.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.6, pp.967-980, 2015 (SCI-Expanded)
- XIX. **The association of apoptotic protein expressions sensitive to apoptosis gene, p73 and p53 with the prognosis of cervical carcinoma**
Mega T., Baloglu L., Ozden S., Ozgen Z., Ozyurt H., Eren M., Orun O.
OncoTargets and Therapy, vol.7, pp.2161-2168, 2014 (SCI-Expanded)
- XX. **Expression of TRF2 and its prognostic relevance in advanced stage cervical cancer patients**
Orun O., Ozden S., Tiber P., Serakinci N., Ozgen Z., Ozyurt H.
EUROPEAN JOURNAL OF CANCER, vol.50, 2014 (SCI-Expanded)
- XXI. **Epigenetic effects of radiation on hTERT-immortalized mesenchymal stem cells**
Orun O., Tiber P., Serakinci N.
EUROPEAN JOURNAL OF CANCER, vol.50, 2014 (SCI-Expanded)
- XXII. **Synthesis of 1-aryl-3,5-dimethyl-1H-pyrazoles as Anti-HCV and Anticancer Agents**
Aydin S., Kaushik-Basu N., ÖZBAŞ TURAN S., Akbuga J., MEGA TİBER P., ORUN O., Gurukumar K. R., Basu A., KÜÇÜKGÜZEL Ş. G.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.11, no.2, pp.121-131, 2014 (SCI-Expanded)
- XXIII. **Expression of TRF2 and its prognostic relevance in advanced stage cervical cancer patients**
Ozden S., Tiber P., Ozgen Z., Ozyurt H., Serakinci N., ORUN O.
Biological Research, vol.47, no.1, 2014 (SCI-Expanded)
- XXIV. **Structural characterization of recombinant bovine Go α by spectroscopy and homology modeling**
MEGA TİBER P., ORUN O., NACAR C., Sezerman U. O., Severcan F., Severcan M., Matagne A., Kan B.
Spectroscopy, vol.26, pp.213-229, 2011 (SCI-Expanded)
- XXV. **Investigation of the Association Between Dopamine D1 Receptor Gene Polymorphisms and Essential Hypertension in a Group of Turkish Subjects**
Orun O., Nacar C., Cabadak H., Tiber P., Dogan Y., Guneyssel O., Fak A. S., Kan B.
CLINICAL AND EXPERIMENTAL HYPERTENSION, vol.33, no.6, pp.418-421, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of flurbiprofen derivative (SGK597) on cell proliferation and apoptosis of breast cancer cell lines**
ATLIHAN İ., KOÇYİĞİT SEVİNÇ S., ORUN O., YILMAZ Ö., KÜÇÜKGÜZEL Ş. G., MEGA TİBER P.
ISTANBUL JOURNAL OF PHARMACY, vol.52, no.3, pp.265-270, 2022 (Peer-Reviewed Journal)
- II. **Synthesis of some novel hydrazide-hydrazones derived from etodolac as potential anti-prostate cancer agents**
Koc H. C., Atlihan İ., MEGA TİBER P., ORUN O., Kucukguzel S. G.
JOURNAL OF RESEARCH IN PHARMACY, vol.26, no.1, pp.1-12, 2022 (ESCI)
- III. **Evaluation of the Apoptotic Effects of the Humic Acid Treatment on Chronic Myeloid Leukemia Cell Line K562**

MEGA TİBER P., Balci-Okcanoglu T., Karadeniz M., Aykac A.

CYPRUS JOURNAL OF MEDICAL SCIENCES, vol.6, no.2, pp.157-161, 2021 (ESCI)

- IV. **Anti-Cancer Activity of Etodolac and Its Derivatives on Prostate and Colorectal Cancer Cell Lines**
Koçyiğit Sevinç S., Orun O., Mega Tiber P., Süzgün P., Küçükgüzel Ş. G.
PROCEEDINGS (MDPI), vol.2, pp.1573, 2018 (Peer-Reviewed Journal)
- V. **İçeri Doğrultucu Potasyum Kanalları ve Epilepsi**
AKYÜZ E., MEGA TİBER P.
Harran Üniversitesi Tıp Fakültesi Dergisi, vol.14, no.2, pp.141-149, 2017 (Peer-Reviewed Journal)
- VI. **Determination of spatial proximity between the N-terminus and cocaine binding site of the dopamine transporter by FRET**
ORUN O., MEGA TİBER P.
MARMARA MEDICAL JOURNAL, vol.28, no.3, pp.123-128, 2015 (ESCI)
- VII. **Association of Agt Gnb3 and Enos gene polymorphisms with cardiovascular parameters in a Turkish population with essential hypertension**
MEGA TİBER P., ORUN O., KOCAYAYA O., NACAR C., CABADAK H., FAK A. S., KAN B.
Exp Clin Cardiol, vol.20, 2014 (Peer-Reviewed Journal)
- VIII. **Çok Düşük Frekanslı Elektromanyetik Alanların Lenfositlerin Membran Potansiyellerine Etkisi**
GARİP G. A., MEGA TİBER P.
MARMARA MEDICAL JOURNAL, vol.21, no.3, pp.238-246, 2008 (Scopus)
- IX. **THE EFFECT OF EXTREMELY LOW FREQUENCY MAGNETIC FIELDS ON MEMBRANE POTENTIAL OF LYMPHOCYTES**
MEGA TİBER P., Garip A. I.
MARMARA MEDICAL JOURNAL, vol.21, no.3, pp.238-246, 2008 (ESCI)

Books & Book Chapters

- I. **APOPTOTIC EFFECTS OF ETODOLAC IN BREAST CANCER CELL CULTURES**
ORUN O., MEGA TİBER P., KOÇYİĞİT SEVİNÇ S.
in: Nonsteroidal Anti-Inflammatory Drugs, Ali Gamal Ahmed Al-kaf, Editor, IntechOpen, Rijeka, pp.133-151, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of the anti-cancer effect of Lamium purpureum on prostate cancer cell lines**
Güner A., Atlıhan İ., Şen A., Şenkardeş İ., Orun O., Mega Tiber P.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022) N, Ankara, Turkey, 23 - 25 November 2022, pp.1715
- II. **DETERMINATION OF ANTI-CANCER PROPERTIES OF URTICA DIOICA ETHANOL EXTRACT ON HEMATOPOIETIC CELL LINES**
Mega Tiber P., Karadeniz M., Sevinç S. K., Şen A., Orun O.
4th international 33th national biophysics congress, Adıyaman, Turkey, 31 August - 03 September 2022, pp.158
- III. **INVESTIGATION OF CATECHOL-O-METHYLTRANSFERASE G-1947A GENETIC VARIANT AND ESSENTIAL HYPERTENSION RELATIONSHIP IN TURKISH POPULATION**
Albar M. G., Kocakaya O., Mega Tiber P., Orun O.
4th international 33th biophysical congress, Adıyaman, Turkey, 31 August - 01 September 2022, pp.157
- IV. **The Evaluation of Vitamin D Receptor Polymorphisms and The Susceptibility to Periodontitis or Type 2 Diabetes Mellitus In Turkish Population**
saatman Yıldız A., ÜSTÜNDAĞ F. D., MEGA TİBER P., DOĞAN B.
Turkish Society of Periodontology 50 th International Scientific Online congress, 05 November 2021
- V. **Investigation of the Relationship Between Vitamin D Receptor Polymorphisms and Diabetes Mellitus**

in Periodontally Healthy Individuals

Saatman Yıldız A., ÜSTÜNDAĞ F. D., MEGA TİBER P., DOĞAN B.

6. Uluslararası Hipokrat Tıp ve Sağlık Bilimleri Kongresi/ 6th International Hippocrates Congress on Medical and Health Sciences, 30 April 2021

- VI. **DETERMINATION OF ANTICANCER EFFECT OF FLURBIPROFEN DERIVATIVE SGK597 COMPOUND IN BREAST CANCER CELL LINES**
Atlıhan İ., Koçyiğit Sevinç S., Orun O., Küçükgül Ş. G., Mega Tiber P.
8th Multidisciplinary Cancer Research Congress, 16 - 17 January 2021, pp.125
- VII. **Nörotoksin maruziyeti durumunda 3-piridin boronik asidin etkileri**
Üstündağ F. D., Ünal İ., cansız d., ÜSTÜNDAĞ Ü. V., KARA SUBAŞAT H., MEGA TİBER P., ALTURFAN E. I.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- VIII. **Isırgan Otu Bitkisi OVCAR-3 Yumurta Kanseri Hücre Hatlarının Çoğalmasını İnhibe Ederken Apoptoza Neden Olmaktadır**
MEGA TİBER P., KOÇYİĞİT SEVİNÇ S., ORUN O., ŞEN A.
31. Ulusal Biyofizik Kongresi, Turkey, 9 - 12 October 2019
- IX. **Nano-Desenli ve İlaç Yüklü Biyomalzemelerin Yumurtalık Kanseri Hücrelerine Etkisinin Hücre Kültürü Çalışmaları ile Değerlendirilmesi**
YAŞAYAN G., ORUN O., MEGA TİBER P.
31. Ulusal Biyofizik Kongresi, Turkey, 9 - 12 October 2019
- X. **ANTI-CANCER EFFECT OF TRIAZOLE-THIOETHER HYBRID MOLECULE DERIVED FROM S-NAPROXEN (SGK669) COMPOUND ON T47D AND MDA-MB-453 HUMAN BREAST CANCER CELL LINES**
Çuhadar O., Mega Tiber P., Orun O., Birgül K., Küçükgül Ş. G.
Cell Death: Degeneration and Regeneration Symposium, İstanbul, Turkey, 3 - 05 October 2019, pp.58-59
- XI. **Anti-cancer activity of Urtica dioica extract in ovarian cancer cells**
MEGA TİBER P., KOÇYİĞİT SEVİNÇ S., ORUN O., ŞEN A.
Cell Death: Degeneration and Regeneration Symposium-Turkey, 3 - 05 October 2019
- XII. **Urtica dioica extract inhibits proliferation and induces apoptosis of K562 erythrocyte cell lines**
MEGA TİBER P., KARADENİZ M., KOÇYİĞİT SEVİNÇ S., ŞEN A., ORUN O.
INTERNATIONAL MOLECULAR MEDICINE SYMPOSIUM by the Bosphorus, 16 - 18 May 2019
- XIII. **Apoptotic effect of etodolac and its derivative on breast cancer cell line**
KOÇYİĞİT SEVİNÇ S., ORUN O., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.
International Congress on Biological and Medical Sciences 2018, Niğde, Turkey, 31 October - 03 November 2018
- XIV. **Synthesis and Molecular Modeling of New (S)-Naproxen Thioethers as Possible Breast Cancer Agents**
BİRGÜL K., Ub A. I., Çuhadar o., KOÇYİĞİT SEVİNÇ S., MEGA TİBER P., ORUN O., Yılmaz ö., KÜÇÜKGÜZEL Ş. G.
6th International BAU Drug Design Congress, 13 - 15 December 2018
- XV. **Anti-Cancer Activity of Etodolac and Its Derivatives on Prostate and Colorectal Cancer Cell Lines**
KOÇYİĞİT SEVİNÇ S., ORUN O., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.
The 2nd International cell Death Research congress, 1 - 04 November 2018
- XVI. **(S)-Naproxen'den Türeyen 1,2,4-Triazol ve Tiyoeter Bileşiklerinin Sentezi ve Meme Kanseri Üzerinde Antikanser Etkileri**
BİRGÜL K., uba a. i., Çuhadar o., KOÇYİĞİT SEVİNÇ S., MEGA TİBER P., ORUN O., Yılmaz ö., YELEKÇİ K., KÜÇÜKGÜZEL Ş. G.
2. Ulusal Marmara Eczacılık Kongresi, Turkey, 14 - 16 November 2018
- XVII. **Investigation of apoptotic gene expressions for two novel hydrazide derivatives of etodolac in K562 leukemia cell line**
MEGA TİBER P., ORUN O., KILINÇ O., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.
30th Annual Biophysics Congress (International), 10 - 13 October 2018
- XVIII. **Determination effects of diosgenin and dactolisib in breast cancer cell lines**
Karadeniz M., MEGA TİBER P., ORUN O.

30th Annual Biophysics Congress (International), 10 - 13 October 2018

- XIX. Anticancer activity of Rosemary Officinalis L. essential oil in ovarian cancer cell line**
KILINÇ O., MEGA TİBER P., ORUN O., KOÇYİĞİT SEVİNÇ S.
1. International Health Sciences Congress, 23 - 25 November 2017
- XX. Examination of the inwardly rectifier potassium channels in hippocampus in the experimental in the Alzheimer's model.**
AKYÜZ E., Beker M., MEGA TİBER P.
International Meeting on Education and Research in Health Sciences, 3 - 05 November 2017
- XXI. Modulation of Cancer Cell Behavior by Nanotexturing**
YAŞAYAN G., ORUN O., MEGA TİBER P., KOÇYİĞİT SEVİNÇ S.
International Meeting on Education Research in Health Sciences, 3 - 05 November 2017
- XXII. Apoptotic Effect of Etodolac and its derivatives on Breast Cancer Cell line**
KOÇYİĞİT SEVİNÇ S., ORUN O., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.
International Meeting on Education and Research in Health Sciences, 3 - 05 November 2017
- XXIII. Investigation of Effects of Cotinus coggygia Leaves Ethanolic Extract on Burn Wound Treatment**
AYAZ ADAKUL B., OKUYAN B., ŞEN A., ERTAŞ B., ÇAM M. E., MEGA TİBER P., ŞENER G.
International Meeting on Education and Research in Health Sciences, 3 - 05 November 2017
- XXIV. Preparation and Characterization Studies of Nanotextured Polycaprolactone Scaffolds**
YAŞAYAN G., MEGA TİBER P., ORUN O.
13th Nanoscience and Nanotechnology Conference, 22 - 25 October 2017
- XXV. Cytotoxic effect of etodolac and Its derivatives on prostat cancer cell line**
KOÇYİĞİT SEVİNÇ S., ORUN O., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.
28-29. Ulusal Biyofizik Kongresi, İstanbul, Turkey, 6 - 09 September 2017
- XXVI. Pentilentetrazol Tutuşma Modeli Epilepside Kardiyak İçeri Doğrultucu Potasyum Kanallarının Ekspresyonu**
AKYÜZ E., MEGA TİBER P.
28.29. Ulusal Biyofizik Kongresi, Turkey, 7 - 09 September 2017
- XXVII. Esansiyel Hipertansiyon Hastalarında Feniletanolamin N-Metiltransferaz Polimorfizmlerinin Belirlenmesi,**
Kandemir S., MEGA TİBER P., ORUN O.
28.29. Ulusal Biyofizik Kongresi, Turkey, 6 - 09 September 2017
- XXVIII. Etodolak ve Türevlerinin Prostat Kanseri Hücre Hattı Üzerine Sitotoksik Etkisi**
KOÇYİĞİT SEVİNÇ S., ORUN O., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.
28.29. Ulusal Biyofizik Kongresi, Turkey, 6 - 09 September 2017
- XXIX. APOPTOTIC EFFECT OF GINGER (zingiber officinale) ON K562 LEUKEMIA CELL LINES**
KOÇYİĞİT SEVİNÇ S., MEGA TİBER P., ORUN O.
I. International Congress on Medicinal and Aromatic Plants "Natural and Healthy Life", 9 - 12 May 2017
- XXX. Gene regulations upon etodolac induced apoptosis in breast cancer cell cultures**
KOÇYİĞİT SEVİNÇ S., MEGA TİBER P., ORUN O.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- XXXI. Cytotoxic effects of etodolac in breast cancer cell cultures**
KOÇYİĞİT SEVİNÇ S., MEGA TİBER P., ORUN O.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- XXXII. Change of ST segment in ECG recording and its relation with potassium channels in experimental epilepsy model induced in rats**
AKYÜZ E., MEGA TİBER P., YEŞİL G.
Rhythm Congress, 2 - 03 March 2017
- XXXIII. Yeni nesil bileşiklerin kanserle moleküler mücadelesi**
MEGA TİBER P.
1. Ulusal Marmara Eczacılık kongresi, Turkey, 3 - 05 November 2016
- XXXIV. Gen expression profiling of mTOR pathway in rectum cancer**

Yonar Kaplan P., MEGA TİBER P., Ozden A. S., ORUN O.

6. Multidisipliner Kanser Araştırma Kongresi, Turkey, 27 - 30 October 2016, pp.171

- XXXV. **Examination of the gene expressions of the inward rectifier potassium channels in heart tissue with experimental epilepsy model**

AKYÜZ E., AKBAŞ F., ERCAN Ç., YEŞİL G., ÇAĞLA Y., MEGA TİBER P.

XII. National Medical Genetics Congress, 5 - 09 October 2016

- XXXVI. **Effects of etodolac derivative compound, SGK 216, on oxidative stress-induced cell apoptosis in human leukemia cell line**

MEGA TİBER P., KOÇYİĞİT SEVİNÇ S., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G., ORUN O.

6st World Congress of Oxidative Stress Calcium Signaling and TRP Channels, Isparta, Turkey, 24 - 27 May 2016, vol.8, pp.145-146

- XXXVII. **Effects of etodolac derivative compound SGK 216 on oxidative stress induced cell apoptosis in human leukemia cell line**

MEGA TİBER P., KOÇYİĞİT SEVİNÇ S., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G., ORUN O.

6th World Congress of Oxidative Stress, Calcium Signaling and TPR Channels, Isparta, Turkey, 24 - 27 May 2016

- XXXVIII. **Characterization of the effect of several etodolac derivatives on cancer cell lines**

KOÇYİĞİT SEVİNÇ S., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G., ORUN O.

1st International Cell Death Research Congress, Poster, 2016, Dokuz Eylül Üniversitesi, İzmir, Turkey, 4 - 07 May 2016, vol.41, pp.156

- XXXIX. **Anti-cancer activity of a hydrazone derivative of etodolac in K562 leukemia cell lines**

YONAR KAPLAN P., KOÇYİĞİT SEVİNÇ S., MEGA TİBER P., SÜZGÜN P., ORUN O.

1st International Cell Death Research Congress, İzmir, Turkey, 4 - 07 May 2016, vol.41, pp.161

- XL. **Etodolak Türevi Sgk 205 ve Sgk 216 Bileşiklerinin K562 Kronik Myeloid Lösemi Hücre Hatlarında Apoptotik Etkileri**

MEGA TİBER P., AVERBEK S., ORUN O., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.

27.ulusal Biyofizik kongresi, Turkey, 29 September - 03 October 2015

- XLI. **Proliferative effects of two etodolac derivatives, SGK-206 and SGK-242, on breast cancer cell lines**

ORUN O., KOÇYİĞİT SEVİNÇ S., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.

3rd ANTICANCER AGENT Development Congress, İzmir, Turkey, 18 - 19 May 2015, pp.154

- XLII. **Apoptotic effects of two etodolac derivatives SGK 205 and SGK 216 on K562 Leukemia Cell Line**

ORUN O., averbek s., MEGA TİBER P., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.

11th International Symposium on Pharmaceutical Sciences, 9 - 12 June 2015

- XLIII. **Proliferative effects of two etodolac derivatives SGK 205 and SGK 216 on K562 leukemia cell line**

MEGA TİBER P., AVERBEK S., ORUN O., SÜZGÜN P., KÜÇÜKGÜZEL Ş. G.

EACR- Sponsored 3rd Anticancer Agent Development Congress, 18 - 19 May 2015

- XLIV. **Epigenetic effects of radiation on hTERT immortalized mesenchymal stem cells**

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European Journal of Cancer , 23rd Biennial Cancer Research Proceedings Book, 5 - 08 June 2014, vol.50

- XLV. **Esansiyel Hipertansiyonlu Bireylerde eNOS ve AGT Polimorfizm Sıklığının Belirlenmesi**

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- XLVI. **The association of apoptotic protein expressions SAG p73 and p53 with prognosis in cervical carcinoma**

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European Human Genetics Conference, 8 - 11 June 2013, pp.320

- XLVII. **Effect of siTRF2 knockdown a shelterin protein on the radiosensitivity of telomerase immortalised human mesenchymal stem cells**

ORUN O., MEGA TİBER P., ÇANKAYA T., SERAKINCI N.

European Journal of Human Genetics, 8 - 11 June 2013, pp.319

- XLVIII. **Correlation between the tumoral expression of SAG RBX ROC2 E3 ubiquitin ligase and local control in cervical cancer patients**

MEGA TİBER P., Baloğlu L., Özden S., ORUN O.

FEBS Special Meeting, 14 - 16 November 2012, pp.94

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L. Discovery of potent apoptosis inducer in K 562 cancer cell line

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10th International Symposium On Pharmaceutical Sciences, 26 - 29 June 2012

LI. Rekombinant Go Alfa Proteininin Saflaştırılması ve Karakterizasyonu

MEGA TİBER P., ORUN O., NACAR C., KAN B.

19. Ulusal Biyofizik Kongresi, Konya, Turkey, 5 - 07 September 2007

LII. Purification characterization and modeling of recombinant Goalpha protein

MEGA TİBER P., NACAR C., ORUN O., SEZERMAN O. U., KAN B.

Gordon Research Conferences, Phosphorylation & G-Protein Mediated Signaling Networks, 10 - 15 June 2007

LIIL. Production of recombinant Go alpha protein using pQE 80 expression vector system

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31st FEBS Congress, 24 - 29 June 2006, vol.273, pp.93

LIV. Production of recombinant Go alpha protein using the pQE80 expression vector system

Tiber P., Nacar C., Orun O., Kan B.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.93

LV. İnküzyon Cisimcikleri Halinde Saflaştırılan Rekombinant GoAlfa Proteininin Düzgün Katlanması Üzerine Çalışmalar

MEGA TİBER P., NACAR C., ORUN O., CROSSETT B., KEITH K., BROWN K. A.

17. Ulusal Biyofizik Kongresi, İzmir, Turkey, 7 - 09 September 2005

LVI. Attempts for proper folding of recombinant Goalpha protein after inclusion body purification

MEGA TİBER P., NACAR C., ORUN O., CROSSETT B., KEITH K., BROWN K. A., KAN B.

30th FEBS Congress and 9th IUBMB Conference, Budapest, Hungary, 2 - 07 July 2005, vol.272, pp.376

LVII. Attempts for proper folding of recombinant Goalpha protein after inclusion body purification

Tiber P., Nacar C., Orun O., Crossett B., Keith K., Brown K., Kan B.

30th Congress of the Federation-of-European-Biochemical-Societies (FEBS)/9th IUBMB Conference, Budapest, Hungary, 2 - 07 July 2005, vol.272, pp.376

LVIII. Subcloning of Goalpha cDNA into pTrcHis system

MEGA TİBER P., ORUN O., KAN B.

1st Congress of Molecular Medicine, 16 - 19 April 2005, vol.1, pp.452

LIX. Changes in morphology and membrane potential of lymphocytes induced by extremely low frequency electromagnetic fields.

MEGA TİBER P., Klymchenko A., ÖZ ARSLAN D., ARBAK S., ERCAN F., GARİP G. A.

II.International Workshop on Effects of Electromagnetic Fields., 7 - 14 October 2002

LX. The effects of low frequency electromagnetic fields on the membrane potential of lymphocytes.

MEGA TİBER P., Klymchenko A., ÖZ ARSLAN D., GARİP G. A.

!2. Balkan Biochemical and Biophysical Days., 10 - 13 May 2000

Supported Projects

Mega Tiber P., Project Supported by Higher Education Institutions, Investigation of Anticancer Effect of Lamium Purpureum Extract on Prostate Cancer Cell Line, 2022 - 2023

Mega Tiber P., Project Supported by Higher Education Institutions, Effects of Valproic Acid on Pain Mechanism in a Zebrafish Epilepsy Model, 2021 - 2022

Mega Tiber P., Orun O., Kılınç O., TUBİTAK Project, Determination of the effect of asiatic acid and NVP-BE2235 in PTEN -

/+ triple negative breast cancer (TNBC) cell lines, 2021 - 2022

Mega Tiber P., Doğan B., Saatman Yıldız A., Project Supported by Higher Education Institutions, Sistemik Sağlıklı veya Tip 2 Diabetes Mellitus'u Olan Kronik Periodontitisli Bireylerde Vitamin D Reseptör Gen Polimorfizmlerinin Değerlendirilmesi, 2017 - 2022

Orun O., Mega Tiber P., Project Supported by Higher Education Institutions, K562 kronik myeloid lösemi hücre hattında etodolak türevi SGK-205 ve SGK-216'nın antikanser etkilerinin incelenmesi, 2018 - 2019

Mega Tiber P., Karadeniz M., Project Supported by Higher Education Institutions, Determination of cooperative effect of diosgenin and dactolisib in breast cancer cell lines, 2017 - 2019

Mega Tiber P., Kandemir S., Project Supported by Higher Education Institutions, Esansiyel Hipertansiyonlu Hastalarda Feniletanomin N-metiltransferaz Polimorfizmlerinin Belirlenmesi, 2016 - 2018

Yaşayan G., Orun O., Mega Tiber P., TUBITAK Project, Nano Desenli Polikaprolakton Yüzeylerin Üretimi Karakterizasyonu ve Kanser Tedavisinde Kullanımlarının Hücre Kültürü Çalışmaları ile Değerlendirilmesi, 2014 - 2017

Orun O., Yaşayan G., MEGA TİBER P., TUBITAK Project, Nano Desenli Jelatin Yüzeylerin Üretimi Karakterizasyonu ve Kanser Tedavisinde Kullanımlarının Hücre Kültürü Çalışmaları ile Değerlendirilmesi, 2014 - 2017

Orun O., Mega Tiber P., Koçyiğit Sevinç S., Project Supported by Higher Education Institutions, Etodolak ın iyi ve kötü gidişli göğüs kanseri hücre hatlarında apoptotik gen ekspresyon profillerinin çıkarılması, 2015 - 2016

Mega Tiber P., Averbek S., Project Supported by Higher Education Institutions, Etodolak türevi SGK 205 VE SGK 216 bileşiklerinin K562 Kronik Myeloid Lösemi hücre hatlarında apoptotik etkisinin incelenmesi, 2014 - 2015

Orun O., Mega Tiber P., TUBITAK Project, TRF2 Knockdown ın Gen baskılanmasının insan mezankimal kök hücrelerinin radyoduyarlılığı üzerine etkisinin belirlenmesi, 2011 - 2013

Activities in Scientific Journals

Clinical and experimental Health Sciences, Editor, 2015 - 2018

Memberships / Tasks in Scientific Organizations

Türk Biyofizik Derneği, Secretary General, 2015 - Continues, Turkey

Metrics

Publication: 98

Citation (WoS): 123

Citation (Scopus): 166

H-Index (WoS): 7

H-Index (Scopus): 8

Non Academic Experience

Professional Association, Türk Biyofizik Derneği, Biyofizik
M.E.B Osmangazi Anadolu Lisesi