

Res. Asst. VAHAP MURAT KUTLUAY

Personal Information

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Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmakognozi A.B.D., Turkey 2010 - 2016

Under Graduate, Hacettepe Üniversitesi, Eczacılık Fakültesi, Turkey 2005 - 2010

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, BAZI DIGITALIS L. TÜRLERİ ÜZERİNDE FARMAKOGNOZİK ARAŞTIRMALAR, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), 2016

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacognosy

Academic Titles / Tasks

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2011 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **The evaluation of the antidiabetic effects of red wine polyphenols with the view of in silico prediction methods**
DİKER N. Y. , KUTLUAY V. M.
Food Bioscience, vol.40, 2021 (Journal Indexed in SCI)
- II. **Constitution of a comprehensive phytochemical profile and network pharmacology based investigation to decipher molecular mechanisms of Teucrium polium L. in the treatment of type 2 diabetes mellitus**
KUTLUAY V. M. , DİKER N. Y.
PEERJ, vol.8, 2020 (Journal Indexed in SCI)
- III. **Assessment of LXR alpha agonist activity and selective antiproliferative efficacy: a study on different parts of Digitalis species**
KUTLUAY V. M. , Inoue M., SARAÇOĞLU İ.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.44, no.6, pp.745-751, 2019 (Journal Indexed in SCI)

- IV. **Cytotoxic phenylethanoid glycosides from *Digitalis davisiana* Heywood: Evaluation of structure activity relationships and chemotaxonomical significance of isolated compounds**
KUTLUAY V. M. , ISHIUCHI K., MAKINO T., SARAÇOĞLU İ.
FITOTERAPIA, vol.135, pp.90-98, 2019 (Journal Indexed in SCI)
- V. **New knowledge about old drugs; a cardenolide type glycoside with cytotoxic effect and unusual secondary metabolites from *Digitalis grandiflora* Miller**
KUTLUAY V. M. , Makino T., Inoue M., SARAÇOĞLU İ.
Fitoterapia, vol.134, pp.73-80, 2019 (Journal Indexed in SCI)
- VI. **Evaluation of Some Biological Effects of *Incarvillea emodi* (Royle ex Lindl.) Chatterjee and Determination of Its Active Constituents**
Ihtesham Y., Khan U., DOĞAN Z., KUTLUAY V. M. , SARAÇOĞLU İ.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.25, no.2, pp.171-178, 2019 (Journal Indexed in SCI)
- VII. **Bioactive phenylethanoid glycosides from *Digitalis davisiana* Heywood**
KUTLUAY V. M. , Inoue M., SARAÇOĞLU İ.
Planta Medica, vol.81, 2015 (Journal Indexed in SCI)
- VIII. **Bioactivity based phytochemical studies on *Scutellaria salviifolia* Benth**
DOĞAN Z., KUTLUAY V. M. , SARAÇOĞLU İ.
Planta Medica, vol.81, 2015 (Journal Indexed in SCI)
- IX. **Evaluation of selective antiproliferative efficacy of *Digitalis* species**
KUTLUAY V. M. , SARAÇOĞLU İ., Inoue M.
Anti-Cancer Drugs, vol.26, pp.1-39, 2015 (Journal Indexed in SCI Expanded)
- X. **Evaluation of selective antiproliferative efficacy of *Digitalis* species**
KUTLUAY V. M. , SARAÇOĞLU İ., Inoue M.
ANTI-CANCER DRUGS, vol.26, 2015 (Journal Indexed in SCI)
- XI. **Antioxidant potential of *Incarvillea emodi* (Royle ex Lindl.) Chatterjee**
Ihtesham Y., KUTLUAY V. M. , DOĞAN Z., Khan U., SARAÇOĞLU İ.
PLANTA MEDICA, vol.79, no.13, pp.1253, 2013 (Journal Indexed in SCI)
- XII. **Evaluation of cytotoxic activity and active compounds from genus *Digitalis***
KUTLUAY V. M. , GENÇ Y., Harput S., Jensen S., SARAÇOĞLU İ.
PLANTA MEDICA, vol.79, no.13, pp.1214, 2013 (Journal Indexed in SCI)
- XIII. **Antioxidant Potential of *Incarvillea emodi* Royle ex Lindl Chatterjee**
IHTESHAM Y., KUTLUAY V. M. , DOĞAN Z., KHAN U., SARAÇOĞLU İ.
Planta Medica, vol.79, no.13, pp.1253, 2013 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Isolation of potential liver x receptor alpha agonist and antioxidant compounds from *Hypericum microcalycinum* Boiss. & Heldr.**
Aydin S. S. , KUTLUAY V. M. , Makino T., Inoue M., HARPUT Ü. Ş. , SARAÇOĞLU İ.
ISTANBUL JOURNAL OF PHARMACY, vol.51, no.1, pp.98-104, 2021 (Journal Indexed in ESCI)
- II. **Cytotoxic effect of some *Digitalis* species A study of selectivity**
KUTLUAY V. M. , SARAÇOĞLU İ.
FABAD Journal of Pharmaceutical Sciences, vol.43, pp.25-29, 2018 (Other Refereed National Journals)

Books & Book Chapters

- I. ***Paeonia lactiflora***
KUTLUAY V. M.
in: FFD Monografıları Bitkiler ve Etkileri, , Editor, AKADEMİSYEN KİTABEVİ, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of the antioxidant potential and phenolic content of different *Digitalis* species growing Turkey.**
KUTLUAY V. M. , SARAÇOĞLU İ.
6th.World Congress of Medicinal and Aromatic Plants (WOCMAP VI), Famagusta-Magosa, Cyprus (Kktc), 13 - 17 November 2019
- II. **Cytotoxicity screening of secondary metabolites isolated from *Digitalis davisiana* and *D. grandiflora***
KUTLUAY V. M. , SARAÇOĞLU İ.
6th. World Congress of Medicinal and Aromatic Plants (WOCMAP VI), Famagusta-Magosa, Cyprus (Kktc), 13 - 17 November 2019
- III. **Isolation and identification of secondary metabolites, including four new compounds from three *Digitalis* species**
KUTLUAY V. M. , ISHIUCHI K., MAKINO T., GÖGER F., KIRIMER N., SARAÇOĞLU İ.
30th International Symposium on the Chemistry of Natural Products and the 10th International Congress on Biodiversity (ISCP30 ICOB10), 25 - 29 November 2018
- IV. **Comparative LC-MS/MS studies on three different *Digitalis* species**
KUTLUAY V. M. , GÖGER F., KIRIMER N., SARAÇOĞLU İ.
12th International Symposium on Pharmaceutical Sciences (12th ISOPS), 26 - 29 June 2018
- V. **Liver X receptor agonist activity of some medicinal plants from Turkey**
KUTLUAY V. M. , GENÇ Y., DOĞAN Z., Inoue M., SARAÇOĞLU İ.
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), 26 - 29 June 2018
- VI. **Isolation of potent liver x receptor agonist compounds from *Hypericum microcalycinum* Boiss. Heldr.**
SARIKAYA AYDIN S., KUTLUAY V. M. , BAI F., MAKINO T., HARPUT Ü. Ş. , SARAÇOĞLU İ.
12th International Symposium on Pharmaceutical Sciences (12th ISOPS), Ankara, Turkey, 26 - 29 June 2018
- VII. **Nükleer reseptörler: Doğal kaynaklarda bulunan karaciğer X reseptör a ($LXR\alpha$) agonist etkili bileşiklerin araştırılması**
KUTLUAY V. M. , NAKASHIMA K., TANABE H., SARAÇOĞLU İ., MAKOTO I.
23. Bitkisel İlaç Hammaddeleri Toplantısı (23. BİHAT), Antalya, Turkey, 9 - 12 April 2018
- VIII. **Chemotaxonomical Studies of Plantaginaceae Family**
KUTLUAY V. M. , GENÇ Y., SARAÇOĞLU İ.
2nd International Gazi Pharma Symposium Series (GPSS 2017), Ankara, Turkey, 11 - 13 October 2017, pp.61
- IX. **Cytotoxicity comparison on different parts of three *Digitalis* species and isolation of potential bioactive compounds**
KUTLUAY V. M. , Inoue M., Harput U. S. , SARAÇOĞLU İ.
9th Joint Meeting of AFERP, ASP, GA, JSP, PSE and SIF, Copenhagen, Denmark, 24 - 27 July 2016, vol.82
- X. **Bioassay-guided isolation studies on *Scutellaria salviifolia* Benth.**
DOĞAN Z., KUTLUAY V. M. , SARAÇOĞLU İ.
9th Joint Meeting of AFERP, ASP, GA, JSP, PSE and SIF, Copenhagen, Denmark, 24 - 27 July 2016, vol.82
- XI. **Cytotoxic activity screening of some Turkish marine sponge species**
KUTLUAY V. M. , Konuklugil B., SARAÇOĞLU İ.
9th Joint Meeting of AFERP, ASP, GA, JSP, PSE and SIF, Copenhagen, Denmark, 24 - 27 July 2016, vol.82
- XII. ***Hypericum microcalycinum* Boiss Heldr Üzerinde Biyoaktivite Rehberli İzolasyon Çalışmaları**
SARIKAYA AYDIN S., KUTLUAY V. M. , BAI F., INOUE M., SARAÇOĞLU İ., HARPUT Ü. Ş.
XXII. Bitkisel İlaç Hammaddeleri Toplantısı (XXII. BİHAT), Trabzon, Turkey, 31 August - 05 September 2016
- XIII. **Bioassay guided isolation of phenolic compounds from *Scutellaria salviifolia* Benth**
DOĞAN Z., KUTLUAY V. M. , SARAÇOĞLU İ.
9th Joint Natural Product Conference 2016 (Joint Meeting with ASP, AFERP, JSP, PSE and SIF and 64th Annual Meeting of GA, Kopenhag, Denmark, 24 - 28 July 2016
- XIV. **Bioassay guided isolation studies on *Incarvillea emodi* Royle ex Lindl Chatterjee**

Ihtesham Y., DOĞAN Z., KUTLUAY V. M. , Khan U., SARAÇOĞLU İ.

9th Joint Natural Products Conference 2016, 24 - 27 July 2016

XV. Evaluation of selective antiproliferative efficacy of Digitalis species

KUTLUAY V. M. , SARAÇOĞLU İ., MAKOTO I.

1st International Conference on Natural Products for Cancer Prevention and Therapy (NPCPT-2015), İstanbul, Turkey, 31 August - 02 September 2015

XVI. Bioactivity Based Phytochemical Studies on Scutellaria salviifolia Benth

DOĞAN Z., KUTLUAY V. M. , SARAÇOĞLU İ.

63rd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), Budapest, Hungary, 23 - 27 August 2015

XVII. Bioactive Phenylethanoid Glycosides from Digitalis davisiana Heywood

KUTLUAY V. M. , MAKOTO I., SARAÇOĞLU İ.

63rd International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), Budapest, Hungary, 23 - 27 August 2015

XVIII. Selective Cytotoxic Activities of Some Digitalis Species

KUTLUAY V. M. , SARAÇOĞLU İ.

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

XIX. Selective Cytotoxic Activities of Some Digitalis species on HeLa cell line

KUTLUAY V. M. , SARAÇOĞLU İ.

11st International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, 9 - 12 June 2015

Supported Projects

Taştekin N. H. , Kutluay V. M. , Project Supported by Higher Education Institutions, Üzerlik bitkisi (*Peganum harmala* L.) tohumlarının metanolik ekstresi ve alkaloitlerinin antihemoroidal etkisinin matriks metalloproteinaz inhibitör aktiviteleri üzerinden değerlendirilmesi, 2021 - 2022

KUTLUAY V. M. , TAŞTEKİN N. H. , BAŞARAN A. A. , Project Supported by Higher Education Institutions, Halk İlacı Olarak Kullanılan *Peganum harmala* L. (Üzerlik) Tohumları Üzerinde Potansiyel İlaç Araştırması, 2019 - 2021

SARAÇOĞLU İ., KUTLUAY V. M. , Project Supported by Higher Education Institutions, BAZI DIGITALIS TÜRLERİ ÜZERİNDE FARMAKOĞNOZİK ARAŞTIRMALAR, 2016 - 2017

KUTLUAY V. M. , SARAÇOĞLU İ., Project Supported by Higher Education Institutions, Digitalis Türleri Üzerinde Antiproliferatif Etkinin Araştırılması, 2015 - 2016

SARAÇOĞLU İ., DOĞAN Z., KUTLUAY V. M. , Project Supported by Higher Education Institutions, *Scutellaria salviifolia* Benth. Üzerinde Biyoaktivite Rehberli Fitokimyasal Çalışmalar, 2015 - 2015

Citations

Total Citations (WOS):7

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