

Prof. YALÇIN DUYDU

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAI-5169-2020

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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr) (Eczacılık), Turkey 1989 - 1995

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Yl) (Tezli), Turkey 1986 - 1989

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1982 - 1986

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Alkil kurşun bileşiklerine maruziyetin biyolojik izlenmesi, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr) (Eczacılık), 1995

Postgraduate, Deterjan aktif maddelerinin biyolojik parçalanabilirlik ve akut toksisitelerinin araştırılması, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Yl) (Tezli), 1989

Research Areas

Pharmaceutical Toxicology, Health Sciences

Academic Titles / Tasks

Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1986 - Continues

Academic and Administrative Experience

Ankara University, 2015 - Continues

Advising Theses

- DUYDU Y., Bor maruziyetinin insanların üreme fonksiyonları üzerindeki toksik etkilerinin incelenmesi, Doctorate, C.ÖZGÜR(Student), 2017
- DUYDU Y., Borik asitin antioksidan aktivitesinin hücre kültüründe araştırılması, Postgraduate, S.YILMAZ(Student), 2014
- DUYDU Y., Yeni sentezlenen bazı ilaç adayları etken maddelerinin sitotoksik ve genotoksik etkilerinin araştırılması, Postgraduate, M.ERZURUM(Student), 2011
- DUYDU Y., Hiperbarik Oksijen Tedavisinin (HBOT) sebep olduğu genotoksik etkilerin incelenmesi, Doctorate, A.ÜSTÜNDAĞ(Student), 2010
- DUYDU Y., Bor maruziyetinin insanlar üzerindeki genotoksik etkilerinin araştırılması, Postgraduate, Z.UÇKUN(Student), 2006
- DUYDU Y., Kurşun genotoksitesinde delta-aminolevülinik asitin etkisi, Postgraduate, A.ÜSTÜNDAĞ(Student), 2004

Refereed Congress / Symposium Publications in Proceedings

- I. **Yüksek Düzeyde Borik Asit ve Boratlara Maruz Kalmak Kadınlarda Gelişim Erkeklerde ise Üreme Toksisitesine Sebep Olabilir mi?**
DUYDU Y., BAŞARAN A. N., ÜSTÜNDAĞ A., AYDIN DİLSİZ S., YALÇIN C. Ö., ANLAR H. G., BACANLI M., AYDOS K., ATABEKOĞLU C. S., GOLKA K., et al.
IV. Ulusal Vektör Mücadelesi Sempozyumu, Turkey, 1 - 04 November 2018
- II. **Yüksek Düzeyde Borik Asit ve Boratlara Maruz Kalmak Kadınlarda Gelişim Erkeklerde ise Üreme Toksisitesine Sebep Olabilir mi?**
DUYDU Y., BAŞARAN A. N., ÜSTÜNDAĞ A., AYDIN DİLSİZ S., YALÇIN C. Ö., ANLAR H. G., BACANLI M., AYDOS K., ATABEKOĞLU C. S., GOLKA K., et al.
IV. Ulusal Vektör Mücadelesi Sempozyumu, Antalya, Turkey, 1 - 04 November 2018
- III. **Is There A Negative Association Between Boron Exposure and Birth Weight of Newborns?**
DUYDU Y., BAŞARAN A. N., ÜSTÜNDAĞ A., AYDIN S., YALÇIN C. Ö., ANLAR H. G., BACANLI M., AYDOS K., ATABEKOĞLU C. S., GOLKA K., et al.
12th Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- IV. **Is there a negative association between boron exposure and birth weight of newborns?**
DUYDU Y., BAŞARAN A. N., ÜSTÜNDAĞ A., AYDIN S., YALÇIN C. Ö., ANLAR H. G., BACANLI M., AYDOS K., ATABEKOĞLU C. S., GOLKA K., et al.
12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2018
- V. **Toxicological Evaluation of Effects of Boric Acid and Zinc Borate on Human Sertoli Cells**
ÜSTÜNDAĞ A., eroglu m., DUYDU Y.
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- VI. **Investigation of the mutagenicity of the TiO₂ nanoparticles by modified Ames II assay**
ÜSTÜNDAĞ A., ÜLKER Ö., teker e., DUYDU Y., KARAKAYA M. A.
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- VII. **Cytotoxic and Apoptotic Effects of Boric Acid and Zinc Borate on Human Sertoli Cells**
ÜSTÜNDAĞ A., eroglu m., DUYDU Y.
ISEEP-2017, International Symposium on Ecology and Environmental Problems, 4 - 07 October 2017
- VIII. **Evaluation of the Effects of UV Radiation on DNA Integrity on Human Keratinocyte Cells**
ÜSTÜNDAĞ A., YALÇIN C. Ö., DUYDU Y.
ISEEP-2017, International Symposium on Ecology and Environmental Problems, 4 - 07 October 2017
- IX. **Investigation of boron mediated reproductive and developmental effects in highly boron exposed population**
DUYDU Y., BAŞARAN A. N., Aydin S., ÜSTÜNDAĞ A., Goktas H. G., YALÇIN C. Ö., Bacanli M., Sarigol Z., AYDOS K., ATABEKOĞLU C. S., et al.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017,

- X. **Effects of boric acid and zinc borate on DNA integrity and oxidative stress on human sertoli cells**
ÜSTÜNDAĞ A., Eroglu M., DUYDU Y.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017,
vol.280
- XI. **Investigation of boron mediated reproductive and developmental effects**
DUYDU Y., BAŞARAN A. N., AYDIN S., ÜSTÜNDAĞ A., ANLAR H. G., YALÇIN C. Ö., BACANLI M., SARIGÖL Z., AYDOS K.,
ATABEKOĞLU C. S., et al.
53rd Congress of European Societies of Toxicology, 10 - 13 September 2017
- XII. **Use of sperm samples in the detection of DNA damage in boron-exposed workers**
BAŞARAN A. N., DUYDU Y., AYDIN A., ÜSTÜNDAĞ A.
12th International Comet Assay Workshop University of Navarra, ICAW, 29 - 31 August 2017
- XIII. **borik aside maruz kalmak insanlarda üreme ve gelişim sağlığı üzerinde olumsuz etkiler oluşturabilir mi?**
DUYDU Y., BAŞARAN A. N., bolt h.
3. İlaç ve Eczacılık Kongresi, İVEK, 26 - 29 April 2017
- XIV. **Ultraviolet A and B induced cell death on HaCat keratinocytes**
YALÇIN C. Ö., ÜSTÜNDAĞ A., DUYDU Y.
1st International Mediterranean Science and Engineering Congress, 26 - 28 October 2016
- XV. **Investigation of the mutagenetic effects of metal oxide nanoparticles**
ÜLKER Ö., teker e., ÜSTÜNDAĞ A., DUYDU Y., KARAKAYA M. A.
52nd Congress of the European Societies of Toxicology (EUROTOX), 4 - 07 September 2016
- XVI. **In vitro cytotoxicity and genotoxicity einvestigation of differently sized TiO2 nanoparticles**
ÜLKER Ö., ÜSTÜNDAĞ A., DUYDU Y., YALÇIN C. Ö., KARAKAYA M. A.
52nd Congress of the European Societies of Toxicology (EUROTOX), 4 - 07 September 2016
- XVII. **Reproductive toxicity of boric acid and sodium borates**
DUYDU Y., BAŞARAN A. N., Bolt H. M.
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, Spain, 4 - 07 September 2016, vol.258
- XVIII. **In vitro cytotoxicity and genotoxicity studies of titanium dioxide TiO2 nanoparticles**
KARAKAYA M. A., ÜLKER Ö., ÜSTÜNDAĞ A., YALÇIN C. Ö., DUYDU Y.
55th Annual Meeting and ToxExpo, SOT (Society of Toxicology), 13 - 17 March 2016
- XIX. **Comparison of TiO2 nanoparticles genotoxicity in two different cell lines by using Comet assay**
ÜLKER Ö., ÜSTÜNDAĞ A., YALÇIN C. Ö., DUYDU Y., KARAKAYA M. A.
9th Congress of Toxicology in Developing Countries (9CTDC), 7 - 10 November 2015
- XX. **Comparison of TiO2 nanoparticles genotoxicity in two differrent cell lines by using Comet Assay**
KARAKAYA M. A., ÜLKER Ö., ÜSTÜNDAĞ A., YALÇIN C. Ö., DUYDU Y.
TURKHELTOX Toxicology Congress, 9th Congress of the Turkish Society of Toxicology with the participation of the Hellenic Society of Toxicology, 21 - 24 October 2015
- XXI. **Assessment of the protective effects of boric acid on the DNA strand breaks induced by TiO2 nanoparticles**
ÜSTÜNDAĞ A., YALÇIN C. Ö., DUYDU Y.
9th Congress of the Turkish Society of Toxicology with the participation of the Hellenic Society of Toxicology, 21 - 24 October 2015
- XXII. **Investigation of the genotoxic effects of TiO2 nanoparticles by using Ames test**
ÜLKER Ö., ÜSTÜNDAĞ A., teker e., DUYDU Y., KARAKAYA M. A.
TURKHELTOX Toxicology Congress, 9th Congress of the Turkish Society of Toxicology with the participation of the Hellenic Society of Toxicology, 21 - 24 October 2015
- XXIII. **Risk assessment of boric acid in occupationally boron exposed population**
DUYDU Y., BAŞARAN A. N., ÜSTÜNDAĞ A., AYDIN S., ÜNDEĞER BUCURGAT Ü., ataman o., AYDOS K., düker y., ickstadt k., waltrup b., et al.
9th Congress of the Turkish Society of Toxicology with the participation of the Hellenic Society of Toxicology, 21 -

24 October 2015

- XXIV. **Synthesis and invitro activity of polyhalogenated pheylbenzimidazoles as a new class of anti mrsa and anti vre agents**
GÖKER A. H., KARAASLAN Ç., PÜSKÜLLÜ M. O., YILDIZ S., DUYDU Y., ÜSTÜNDAĞ A., YALÇIN C. Ö.
International Multidisciplinary Symposium on Drug Research and Development, Turkey, 15 - 17 October 2015
- XXV. **Synthesis and invitro activity of polyhalogenated 2 pheylbenzimidazoles as a new class of anti mrsa and anti vre agents**
GÖKER A. H., KARAASLAN Ç., PÜSKÜLLÜ M. O., YILDIZ S., DUYDU Y., ÜSTÜNDAĞ A., YALÇIN C. Ö.
Recent Developments In Pharmaceutical Analysis (RDPA), 28 June - 01 July 2015
- XXVI. **Is boric acid toxic to reproduction in humans Assessment of the animal reproductive toxicity data and epidemiological study results**
DUYDU Y., BAŞARAN A. N., ÜSTÜNDAĞ A., AYDIN S., ÜNDEĞER BUCURGAT Ü., ataman o., AYDOS K., düker y., ickstadt k., waltrup b., et al.
11th International Symposium on Pharmaceutical Sciences (ISOPS), 9 - 12 June 2015
- XXVII. **Investigation of the TiO₂ solid nanoparticles safety for human health by using in vitro tests**
YALÇIN C. Ö., ÜSTÜNDAĞ A., ÜLKER Ö., DUYDU Y., KARAKAYA M. A.
11th International Symposium on Pharmaceutical Sciences (ISOPS), 9 - 12 June 2015
- XXVIII. **Exposur to boron occupational and environmental factors**
golka k., BAŞARAN A. N., DUYDU Y., bolt h., golka k.
congress on occupational health, 31 May - 05 June 2015
- XXIX. **Synthesis and in vitro activity of Polyhalogenated 2 Phenylbenzimidazoles as a new class of Anti MRSA and Anti VRE Agents**
GÖKER A. H., KARAASLAN Ç., PÜSKÜLLÜ M. O., YILDIZ S., DUYDU Y., ÜSTÜNDAĞ A., YALÇIN C. Ö.
Recent Developments in Pharmaceutical Analysis, Perugia, Italy, 28 June - 01 July 2015, pp.36
- XXX. **Investigation of Antioxidant Activity of Boric Acid in V79 Cell Cultures**
YILMAZ S., ÜSTÜNDAĞ A., ÜLKER Ö., DUYDU Y.
50th Congress of the European Societies of Toxicology (EUROTOX), Edinburgh, Saint Helena, 7 - 10 September 2014
- XXXI. **Investigation of the effect of boric acid on lead and cadmium induced genotoxicity**
ÜSTÜNDAĞ A., Behm C., Foellmann W., DUYDU Y., Degen G.
50th Congress of the European-Societies-of-Toxicology, Edinburgh, Saint Helena, 7 - 10 September 2014, vol.229
- XXXII. **Investigation of antioxidant activity of boric acid in V79 cell cultures**
Yilmaz S., ÜSTÜNDAĞ A., ÜLKER Ö., DUYDU Y.
50th Congress of the European-Societies-of-Toxicology, Edinburgh, Saint Helena, 7 - 10 September 2014, vol.229
- XXXIII. **Borik Asitin Oksidatif DNA Hasarı Üzerindeki Koruyucu Etkisinin Hücre Kültüründe Araştırılması**
YILMAZ S., ÜSTÜNDAĞ A., ÜLKER Ö., DUYDU Y.
Türk Toksikoloji Derneği III. Bölgesel Toksikoloji Sempozyumu, İzmir, Turkey, 12 - 14 June 2014
- XXXIV. **Protective effects of boron compounds against metal induced genotoxicity in V79 cells**
ÜSTÜNDAĞ A., Behm C., Foellmann W., DUYDU Y., Degen G. H.
49th Congress of the European-Societies-of-Toxicology (EUROTOX), Interlaken, Switzerland, 1 - 04 September 2013, vol.221
- XXXV. **Evaluation of the potential genotoxic effects of hyperbaric oxygen therapy**
ÜSTÜNDAĞ A., DUYDU Y., Aydın A., EKEN A., Dundar K., Uzun G.
45th Congress of the European-Societies-of-Toxicology, Rhodes, Greece, 5 - 08 October 2008, vol.180

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