

Asst. Prof. YÜCEL BAŞPINAR

Personal Information

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Education Information

Doctorate, Freie Universitaet Berlin, Germany 2005 - 2009

Under Graduate, Freie Universitaet Berlin, Germany 1998 - 2004

Foreign Languages

German, C1 Advanced

Dissertations

Doctorate, Topikal uygulama maçlı zor çözünen immünoşüpresanlar içeren nano ve mikroemülsiyonlar, Freie Universitaet Berlin, 2009

Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutics Technology, Pharmaceutical Technology

Academic Titles / Tasks

Assistant Professor, Ege Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2018 - Continues

Assistant Professor, Ege Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2013 - 2018

Courses

FARMASÖTİK BİYOTEKNOLOJİ, Under Graduate, 2016 - 2017, 2017 - 2018

Advising Theses

TİMUR S., BAŞPINAR Y., Hücre çoğalması üzerine etkili olabilecek seçilmiş bitki ekstraktlarının eldesi ve in vitro testleri: Hyaluronik asit/altın nanopartiküller ile zenginleştirilmiş bitkisel preparatlara ilişkin çalışmalar, Post Graduate, E.GÜLER(Student), 2014

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

- **Enhanced Cellular Uptake and Gene Silencing Activity of Survivin-siRNA via Ultrasound-Mediated Nanobubbles in Lung Cancer Cells**
AKBABA H., Erel-Akbaba G., KOTMAKÇI M., BAŞPINAR Y.
PHARMACEUTICAL RESEARCH, vol.37, 2020 (Journal Indexed in SCI)
- **Development and characterization of nanobubbles containing paclitaxel and survivin inhibitor YM155 against lung cancer**
BAŞPINAR Y., Erel-Akbaba G., KOTMAKÇI M., AKBABA H.

- INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.566, pp.149-156, 2019 (Journal Indexed in SCI)
- **Electroencapsulation (Electrospraying & Electrospinning) of Active Compounds for Food Applications**
KÖSE M. D. , BAŞPINAR Y., BAYRAKTAR O.
CURRENT PHARMACEUTICAL DESIGN, vol.25, pp.1881-1888, 2019 (Journal Indexed in SCI)
 - **Formulation, characterization, cytotoxicity and Salmonella/microsome mutagenicity (Ames) studies of a novel 5-fluorouracil derivative**
KARAYILDIRIM C. K. , KOTMAKÇI M., Halay E., Ay K., BAŞPINAR Y.
SAUDI PHARMACEUTICAL JOURNAL, vol.26, pp.369-374, 2018 (Journal Indexed in SCI)
 - **Curcumin and piperine loaded zein-chitosan nanoparticles: Development and in-vitro characterisation**
BAŞPINAR Y., ÜSTÜNDAŞ M., BAYRAKTAR O., SEZGİN C.
SAUDI PHARMACEUTICAL JOURNAL, vol.26, pp.323-334, 2018 (Journal Indexed in SCI)
 - **Pitavastatin-containing nanoemulsions: Preparation, characterization and in vitro cytotoxicity**
BAŞPINAR Y., GUNDOĞDU E., KOKSAL C., KARASULU E.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.29, pp.117-124, 2015 (Journal Indexed in SCI)
 - **Bio-active nanoemulsions enriched with gold nanoparticle, marigold extracts and lipoic acid: In vitro investigations**
GULER E., BARLAS F. B. , YAVUZ M., DEMİR B., GÜMÜŞ Z. P. , BAŞPINAR Y., COŞKUNOL H., TİMUR S.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.121, pp.299-306, 2014 (Journal Indexed in SCI)
 - **Novel application of Eudragit RL and cholesteryl oleyl carbonate to thermo-sensitive drug delivery system**
CETİN E. O. , GUNDOĞDU E., BAŞPINAR Y., KARASULU E., Kirilmaz L.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.39, pp.1881-1886, 2013 (Journal Indexed in SCI)
 - **Penetration and release studies of positively and negatively charged nanoemulsions-Is there a benefit of the positive charge?**
Başpinar Y., Borchert H.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.430, pp.247-252, 2012 (Journal Indexed in SCI)
 - **Development of a positively charged prednicarbate nanoemulsion**
Başpinar Y., Keck C. M. , Borchert H.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.383, pp.201-208, 2010 (Journal Indexed in SCI)
 - **Corneal permeation studies of everolimus microemulsion**
Başpinar Y., Bertelmann E., Pleyer U., Buech G., Siebenbrodt I., Borchert H.
JOURNAL OF OCULAR PHARMACOLOGY AND THERAPEUTICS, vol.24, pp.399-402, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Development of olive leaf extract loaded fibroinmicroparticles by spray drying**
BAYRAKTAR O., KÖSE M. D. , BAŞPINAR Y.
Drug Discovery, 2019 (Refereed Journals of Other Institutions)
- **Antimicrobial Activity of Phytosphingosine Nanoemulsions against Bacteria and Yeasts**
BAŞPINAR Y., KOTMAKÇI M., ÖZTÜRK İ.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.14, pp.223-228, 2018 (Other Refereed National Journals)
- **Antioxidant and Antimicrobial Properties of Cistus Ladanifer**
KÖSE M. D. , TEKİN B. N. , BAYRAKTAR O., DUMAN E. T. , BAŞPINAR Y.
International Journal of Secondary Metabolite, vol.4, pp.434-444, 2017 (Refereed Journals of Other Institutions)
- **Response Surface Methodology for Extraction of Curcumin from Turmeric and Piperine from Black Pepper**
BAŞPINAR Y., ÜSTÜNDAŞ M., BAYRAKTAR O., CANFEZA S.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, pp.747-754, 2017 (Other Refereed National Journals)
- **Hepatotoxicity Acute Toxicity and Salmonella Microsome Mutagenicity Assay of Imatinib Microemulsions**
BAŞPINAR Y., ATLIHAN GÜNDOĞDU E., KÖKSAL Ç., KARASULU H. Y. , KARABAY YAVAŞOĞLU N. Ü. ,

KARASULU E.

LATIN AMERICAN JOURNAL OF PHARMACY, vol.35, pp.98-104, 2016 (Refereed Journals of Other Institutions)

- **Biological Treatment of Psoriasis**

GÜNDOĞDU E., BAŞPINAR Y., KARASULU H. Y.

Clinical Medicine Insights: Dermatology, vol.6, pp.19-25, 2013 (Refereed Journals of Other Institutions)

- **A microemulsion for the oral drug delivery of pitavastatin**

BAŞPINAR Y., ÇİNEL K., İNCE İ., KARASULU E., GÜNDOĞDU E.

Pharmaceutical Analytical Acta, vol.4, pp.1-5, 2013 (Refereed Journals of Other Institutions)

- **Evaluation of Cefpodoxime Proxetil Complex with Hydroxypropyl Beta Cyclodextrin in the Presence of a Water Soluble Polymer Characterization and Permeability Studies**

ATLIHAN GÜNDOĞDU E., BAŞPINAR Y., ÇİNEL K., KARASULU E.

FABAD, vol.36, pp.119-165, 2011 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- **Antibiofilm activities of phytosphingosine and phytosphingosine hydrochloride against bacteria and fungi**

ÖZTÜRK İ., KOTMAKÇI M., BAŞPINAR Y.

2nd International Eurasian Conference on Biological and Chemical Sciences, 28 - 29 June 2019

- **Ultrasound Sensitive Nanobubbles Containing Paclitaxel, YM155 and siRNA as Gene Carriers for the Therapy of Lung Cancer**

BAŞPINAR Y., EREL AKBABA G., KOTMAKÇI M., AKBABA H.

2nd International Conference and Exhibition on Pharmaceutical Nanotechnology and Nanomedicine, 20 - 21 March 2019

- **Akciğer Kanseri Tedavisinde Gen Taşıyıcı Nanobaloncuklar**

BAŞPINAR Y., EREL AKBABA G., KOTMAKÇI M., AKBABA H.

uluslararası ipek bio kongresi, 26 - 28 November 2018

- **Nanobubbles as Gene Carriers for the Therapy of Lung Cancer**

BAŞPINAR Y., EREL AKBABA G., KOTMAKÇI M., AKBABA H.

ULUSLARARASI İPEK BİO KONGRESİ 2018, 26 - 28 November 2018

- **DEVELOPMENT AND CHARACTERIZATION OF ULTRASOUND SENSITIVE PACLITAXEL, SURVIVIN siRNA AND YM155 LOADED NANOBUZZLES AGAINST LUNG CANCER**

BAŞPINAR Y., EREL AKBABA G., KOTMAKÇI M., AKBABA H.

SANKO University Innovation in Medicine Summit-4, Gaziantep, Turkey, 11 October 2018, pp.38-40

- **Encapsulation of Volatile Compounds of Cistus Ladanifer by Using Cyclodextrins**

KÖSE M. D. , TEKİN B. N. , BAŞPINAR Y., BAYRAKTAR O.

3. ICNES- 4th International Conference on Natural and Engineering, Üsküp, Macedonia, 9 - 12 October 2018

- **Cytotoxicity and gene expression studies of curcumin and piperine loaded nanoparticles on breast cancer cells.**

AYGÜNEŞ D. D. , YILDIZ Ö., BAŞPINAR Y., üstündaş m., BAYRAKTAR O., GÜLER KARA H., SEZGİN V. C.

4th International Symposium of Medicinal and Aromatic Plants, 2 - 04 October 2018

- **CYTOTOXICITY AND GENE EXPRESSION STUDIES OF CURCUMIN AND PIPERINE LOADED NANOPARTICLES ON BREAST CANCER CELLS**

AYGÜNEŞ D. D. , YILDIZ Ö., BAŞPINAR Y., ÜSTÜNDAŞ M., BAYRAKTAR O., GÜLER KARA H., PARLAYAN C., SEZGİN V. C.

4th INTERNATIONAL SYMPOSIUM OF MEDICINAL AND AROMATIC PLANTS, 2 - 04 October 2018

- **Induction of apoptosis in the lung cancer cells using ultrasound-sensitive nanobubble formulations containing combination of survivin-siRNA and paclitaxel**

AKBABA H., EREL AKBABA G., BAŞPINAR Y.

Nanomedicine Rome, 18 - 20 June 2018

- **Ege Üniversitesi Eczacılık Fakültesi Lisans Eğitimi Programı'nın EczÇEP'le ve Ulusal Standartlarla Uyumunu Geliştirme, Öğretim ve Değerlendirme Süreçlerini İyileştirme Projesi**

ALPTÜZÜN V., AŞIKOĞLU M., BALOĞLU E., BAŞPINAR Y., BOZKURT B., ÇETİN UYANIKGİL E. Ö. , DEMİRAL

YILMAZ N., DURAK H. İ. , ELGİN CEBE G., ERAÇ B., et al.

. II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Eskişehir, Turkey, 10 May 2018, pp.13

- **Ege Üniversitesi Eczacılık Fakültesi Eğitim Programı İyileştirme ve Geliştirme Projesi Kapsamında Yapılan Eczacılık Mesleği Görev Analizi Çalışması**

ALPTÜZÜN V., AŞIKOĞLU M., BALOĞLU E., BAŞPINAR Y., BOZKURT B., ÇETİN UYANIKGİL E. Ö. , DEMİRAL YILMAZ N., DURAK H. İ. , ELGİN CEBE G., ERAÇ B., et al.

. II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Eskişehir, Turkey, 10 May 2018, pp.16

- **In vitro genotoxicity and cytotoxicity of micellar formulation of sugar bounded commercial anticancer agent**

KÖKSAL KARAYILDIRIM Ç., KOTMAKÇI M., Halay E., Ay K., BAŞPINAR Y.

INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 26 April 2018, pp.280

- **REGULATORY ASPECTS OF BIOSIMILARS IN TURKEY – DIFFERENCES TO EMA AND FDA**

BAŞPINAR Y.

3rd International CRS Congress – Greek Local Chapter, 19 - 20 June 2017

- **ANTIOXIDANT AND ANTIMICROBIAL PROPERTIES OF CISTUSSPECIES**

KÖSE M. D. , BUSE NUR T., BAYRAKTAR O., EMTE TAYLAN D., BAŞPINAR Y.

I. INTERNATIONAL CONGRESS on MEDICINAL and AROMATICPLANTS: "NATURAL and HEALTHY LIFE", 10 - 12 May 2017

- **ULTRASOUND ENHANCED GENE DELIVERY WITH NANOBUBBLES**

BAŞPINAR Y.

SANKO University Innovation in Medicine Summit-3, 11 - 13 May 2017

- **Gen Taşınmasında Nanobaloncuklar**

BAŞPINAR Y.

3. Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017

- **Co-encapsulation of curcumin and piperin in zein-chitosane nanocapsules by electrospray**

Ustundag M., BAŞPINAR Y., BAYRAKTAR O., Sezgin C.

41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.175

- **mTOR Inhibitors for dermal application a possible formulation**

BAŞPINAR Y., BORCHERT H.

International Pharmaceutical Technology Symposium, 6 - 10 September 2008

Citations

Total Citations (WOS):196

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