

## Hale Ünal Pınarbaşı, Ph.D.

### PERSONAL INFORMATION

Çarşı Mahallesi, Kartal Caddesi Asia Park  
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### WORK EXPERIENCE

- **2017-Present:** Senior R&D Specialist, *Flormar (Kosan Kozmetik Paz. Ve Tic.A.Ş)*, Gebze
- **2015-2017:** R&D Specialist, *Bilim Pharmaceuticals*, Gebze
- **2011-2015:** Researcher, *Nanomedicine/Pharmaceutical Technology Laboratory*, Hacettepe University
- **2013-2014:** Researcher, *Pharmaceutical Development Laboratory*, Naples, Italy
- **2006-2007:** Researcher, *Chemistry Laboratory*, Heidelberg, Germany

### EDUCATION

|           |  |   |
|-----------|--|---|
| 2009-2014 | <b>Ph.D.</b><br><b>Nanotechnology<br/>and<br/>Nanomedicine</b> | Hacettepe University, Institute of Pure and Applied Sciences,<br>Division of Nanotechnology and Nanomedicine, Ankara,<br>GPA : 3.69/4           |
| 2013-2014 | <b>Ph.D.</b><br><b>Visiting Fellow</b>                         | Università degli Studi di Napoli Federico II, Department of<br>Pharmacy, Naples, Italy  |
| 2003-2009 | <b>B.Sc.</b><br><b>Chemistry<br/>Education</b>                 | Hacettepe University, Faculty of Education, Chemistry<br>Education, Ankara<br>GPA: <b>3.38/4 (2<sup>nd</sup> best GPA among the department)</b> |
| 2006-2007 | <b>ERASMUS</b><br><b>Lehramt Chemie</b>                        | Paedagogische Hochschule Heidelberg, Germany  |

## THESIS

- *Formulation and anticancer efficacy evaluation of polymeric and cyclodextrin nanocapsules designed for oral application*, Thesis advisor: Prof. Dr Erem Bilensoy

## PROJECTS

- *Formulation and in vitro evaluation of oral nanocapsules for anticancer drugs with bioavailability problem*, Scientific Research Fund of Hacettepe University with the Project Number 6444, Turkey (2013-2014)

## GRANTS

- **Registration Grant Winner:** 2<sup>nd</sup> Summer School on Cyclodextrins 2013, May 2013, Giardini Naxos(ME), Italy

## PUBLICATIONS

- *Core-shell hybrid nanocapsules for oral delivery of Camptothecin: A comparative in vitro and in vivo evaluation*, Journal of Nanoparticle Research, DOI: 10.1007/s11051-014-2838-8
- *Formulation development, stability and anticancer efficacy of core-shell cyclodextrin nanocapsules for oral chemotherapy with camptothecin*, Beilstein Journal of Organic Chemistry, Special Issue, DOI: 10.3762/bjoc.11.22

## SOFTWARE AND INSTRUMENTATION SKILLS

- **Software Skills:** Computation Tools (SPSS), SAP, AxionBlade
- **Operating Systems:** Windows
- **Office Tools:** MS Office (Word, Excel, PowerPoint)

## LANGUAGE SKILLS

- **English** : Advanced, Score : **YDS: 92.5/100**
- **German** : Advanced, Score : **ÜDS: 77.5/100**
  - *Certificate of Completion*, German Skills, Goethe Institute Ankara, 2007
  - *Teilnahmebestätigung*, Deutsch Oberstufe, F+U Academy of Languages Heidelberg, Germany, 2006-2007
- **French** : Intermediate
  - *Certificate of Completion*, French Skills, Institut Français d'Ankara, 2005-2007
- **Italian** : Pre- Intermediate

## INTERNATIONAL CONFERENCES & MEETINGS

1. 17<sup>th</sup> International Pharmaceutical Technology Symposium: IPTS 2014, September 2014, Antalya, Turkey (Poster presentation)
2. 3<sup>rd</sup> European Conference on Cyclodextrins, October 2013, Antalya, Turkey (Poster Presentation)
3. 2<sup>nd</sup> International Summer School on Cyclodextrins 2013, May 2013, Giardini Naxos (ME), Italy
4. 9<sup>th</sup> Central European Symposium on Pharmaceutical Technology: CESPT 2012, September 2012, Dubrovnik, Croatia (Poster presentation)
5. 16<sup>th</sup> International Pharmaceutical Technology Symposium: IPTS 2012, September 2012, Antalya, Turkey (Poster presentation)
6. 2<sup>nd</sup> Open Forum on Pharmaceutics and Biopharmaceutics TUFTAD-CAPSUGEL, April 2012, İstanbul, Turkey

## INTERNATIONAL CONFERENCE PUBLICATIONS

1. **Ünal H., Quaglia F., Bilensoy E.**, Comparative *in vitro* and *in vivo* evaluation of Camptothecin loaded oral nanocapsules, 17<sup>th</sup> International Pharmaceutical Technology Symposium: IPTS 2014, September 2014, Antalya, Turkey
2. **Ünal H., Bilensoy E.**, Oral Cyclodextrin nanocapsules for Camptothecin delivery: Formulation Development and *in vitro* Evaluation, 3<sup>rd</sup> European Conference on Cyclodextrins, October 2013, Antalya, Turkey
3. **Ünal H., Bilensoy E.**, Preparation and Characterization of oral polycaprolactone nanocapsules loaded with anticancer drug Exemestane, 9<sup>th</sup> Central European Symposium on Pharmaceutical Technology: CESPT 2012 September 2012, Dubrovnik, Croatia
4. **Ünal H., Bilensoy E.**, Formulation and *in vitro* characterization of oral polycaprolactone nanocapsules in breast cancer therapy, International Pharmaceutical Technology Symposium: IPTS 2012, September 2012, Antalya, Turkey
5. **Bilensoy E., Ünal H.**, Formulation and characterization of polycaprolactone nanocapsules intended for breast cancer therapy, CRS Nordic Chapter Meeting, June 2012, Reykjavic, Iceland

## NATIONAL CONFERENCES & MEETINGS

1. 10<sup>th</sup> Nanoscience and Nanotechnology Conference (NANOTR-10), June 2014, İstanbul, Turkey (Oral presentation)
2. 8<sup>th</sup> Nanoscience and Nanotechnology Conference (NANOTR-8), June 2012, Ankara, Turkey (Poster presentation)
3. 4<sup>th</sup> Nanotechnology Meeting, NANOTAM, April 2011, Bilkent, Ankara, Turkey

## NATIONAL CONFERENCE PUBLICATIONS

- **Ünal H., Bilensoy E.**, Chitosan coated oral polycaprolactone nanocapsules for cancer therapy: Effect of Formulation Parameters on Particle Size, 8<sup>th</sup> Turkey Nanoscience and Nanotechnology Conference: NANOTR-8, June 2012, Ankara, Turkey

## **TRAININGS**

- Raw Materials, **Ejder Kimya, 2019**
- Gattefossé App. Lab Training, **Azelis, France, 2018**
- Project Management, **Flomar-ITU PMP, 2018**
- Alban Muller & CPL Aromas, **Brenntag, 2017**
- Geotech Pigments Training, **Geotech, 2017**
- Micro-MBA, **Marmara University, 2016**
- Preformulating, **Bilim Pharmaceutical, 2015**
- Sterile Product Development, **Bilim Pharmaceutical, 2015**

## **RESEARCH INTERESTS**

R&D, Nanotechnology & Nanomedicine, Process Development, Pharmaceutical Technology, Project Development, Scale-up, Formulation Development, Validation, Nanomaterials, Analytical Process.

## **REFERENCES**

### **Prof. Dr Erem BİLENSOY**

Hacettepe University, Faculty of Pharmacy, Department of Pharmaceutical Technology, Ankara, Turkey

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### **Ms.Sc. Emel OSMANOĞLU GÖKÇÜL**

Novartis, Patient Safety Specialist, Istanbul, Turkey

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### **Kerem KELEŞOĞLU**

Flomar, Chemical Engineer, Gebze, Turkey

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