

## Res. Asst. PhD Melike SESSEVMEZ

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### Education Information

Under Graduate, Anadolu Üniversitesi, İktisat Fakültesi, Uluslararası İlişkiler Bölümü, Turkey 2013 - 2018

Doctorate, İstanbul Üniversitesi, Health Sciences Institute, Farmasötik Teknoloji, Turkey 2010 - 2016

Under Graduate, İstanbul Üniversitesi, Faculty of Pharmacy , Turkey 2005 - 2010

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Health&Medicine, Nanobiotechnology Days, İstanbul Kemerburgaz Üniversitesi, Eczacılık Fakültesi, 2015

Health&Medicine, First International Congress of the Molecular Biology Association of Turkey, Boğaziçi Üniversitesi, 2012

Health&Medicine, 4. DETAE Günleri, İstanbul Üniversitesi, DETAE, 2012

Health&Medicine, ISPE Türkiye 2012 Sonbahar Semineri "Containment", İstanbul Üniversitesi Eczacılık Fakültesi, 2012

Health&Medicine, İÜ Deney Hayvanları Kullanım Sertifikası Eğitim Kursu, İstanbul Üniversitesi, DETAE, 2012

Health&Medicine, Fundamentals and Applications Of Fluorescence Microscopy in Modern Cell Biology, Koç Üniversitesi ve American Society for Cell Biology, 2012

Health&Medicine, 8th Worldmeeting on Pharmaceutics and Pharmaceutical Technology (PBB World Meeting), APV, 2012

### Dissertations

Doctorate, Mukozal İmmünizasyon Amacıyla Aşı Taşıyıcı Nanopartiküler Sistemlerin Geliştirilmesi, İstanbul University, Health Sciences Institute, Eczacılık Fakültesi Farmasötik Teknoloji Anabilim Dalı, 2016

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutics Technology, Pharmaceutical Technology, Life Sciences, Biotechnology, Natural Sciences

### Academic Titles / Tasks

Research Assistant PhD, İstanbul Üniversitesi, Faculty of Pharmacy , Eczacılık, 2011 - Continues

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

- **Oral tablet formulations containing cyclodextrin complexes of poorly water soluble cefdinir to enhance its bioavailability**  
Morina D., SESSEVMEZ M., Sinani G., Mulazimoglu L., CEVHER E.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.57, 2020 (Journal Indexed in SCI)
- **Oxytocin-loaded sustained-release hydrogel graft provides accelerated bone formation: An experimental rat study**  
Akay A. S. , Arisan V., Cevher E., Sessevmez M., Çam Etöz B.  
JOURNAL OF ORTHOPAEDIC RESEARCH, 2020 (Journal Indexed in SCI)
- **Modified chitosan-based nanoadjuvants enhance immunogenicity of protein antigens after mucosal vaccination.**  
SINANI G., Sessevmez M., GÖK M. K. , ÖZGÜMÜŞ S., ALPAR H., Cevher E.  
International journal of pharmaceutics, vol.569, pp.118592, 2019 (Journal Indexed in SCI)
- **The efficacy of sustained-release chitosan microspheres containing recombinant human parathyroid hormone on MRONJ**  
Erten Taysi A., CEVHER E., SESSEVMEZ M., OLGAC V., Mert Taysi N., Atalay B.  
Brazilian oral research, vol.33, 2019 (Journal Indexed in SCI Expanded)
- **Nasal vaccination with poly( $\beta$ -amino ester)-poly(D,L-lactide-co-glycolide) hybrid nanoparticles.**  
SINANI G., Sessevmez M., Koray G., ÖzgümüŖ S., Okyar A., Oya A., Cevher E.  
International journal of pharmaceutics, vol.529, pp.1-14, 2017 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- **New Biopolymer-based nanoparticles as vaccine carriers:Antibody assay**  
SESSEVMEZ M., Sinani G., Alpar O., CEVHER E.  
21st International Syposium on Microencapsulation, Faro, Portugal, 27 - 29 September 2017, pp.101
- **Hyaluronik asit içeren farmasötik hidrojel formlarının hazırlanması ve in vitro özelliklerinin incelenmesi**  
Bigün H., DURAN M., Sezer A. D.  
I. Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 3 - 05 November 2016, pp.214-215
- **Vankomisin içeren kitosan bazlı farmasötik hidrojel formlarının hazırlanması ve in vitro özelliklerinin incelenmesi**  
aydın a., DURAN M., sezer a. d.  
I. Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 3 - 05 November 2016, pp.128-129
- **PGF2? İÇİN YENİ BİR ALTERNATİF UYGULAMA YOLU: PGF2? YÜKLENMİŖ VAJİNAL TABLET**  
GÖK M. K. , DEMİR K., Duran M., CEVHER E., (ÖzgümüŖ) PABUCCUOĞLU S. K. , PABUCCUOĞLU S.  
ULUSLARARASI KATILIMLI 8. ULUSAL REPRODÜKSİYON VE SUNİ TOHUMLAMA BİLİM KONGRESİ, Antalya, Turkey, 5 - 09 October 2016, vol.1, no.1, pp.44-45
- **In Vitro Cytotoxicity Test of a New Biopolymer-Based Nanovaccine Carrier with Two Different Cell Lines**  
DURAN M., CEVHER E.  
18th International Pharmaceutical Technology Symposium, Antalya, Turkey, 18 - 21 September 2016, pp.1-2
- **Characterisation of Cyclodextrin Cefdinir Inclusion Complexes and Development of Oral Formulations**  
morina d., DURAN M., sinani g., CEVHER E.  
International Multidisciplinary Symposium on Drug Research&Development, Antalya, Turkey, 28 - 30 November 2013, pp.92
- **A New N-Trimethyl Chitosan-Carboxymethyl Curdlan Nanoparticles as a Vaccine Carrier**  
DURAN M., sinani g., morina d., alpar o., CEVHER E.  
International Multidisciplinary Symposium on Drug Research&Development, Antalya, Turkey, 28 - 30 November 2013, pp.121
- **DEVELOPMENT OF A NEW CHITOSAN-BASED NANOPARTICULATE SYSTEM FOR NASAL DELIVERY OF VACCINES**  
Sinani G., Duran M., Morina D., GÖK M. K. , ÖZGÜMÜŖ S. K. , Peköz A., Alpar H. O. , CEVHER E.  
International Multidisciplinary Symposium on Drug Research and Development, Turkey, 1 - 04 November 2013,

pp.99

- **A New Biopolymer-Based Nanovaccine Carrier**

DURAN M., sinani g., morina d., alpar o., CEVHER E.

3rd Conference on Innovation in Drug Delivery: Advances in Local Drug Delivery, Pisa, Italy, 22 - 25 September 2013, pp.108

- **Preparation and Evaluation of Nanoparticles of New Chitosan Derivative for Nasal Vaccination**

Sinani G., Duran M., Morina D., GÖK M. K. , ÖZGÜMÜŞ S. K. , Alpar H. O. , CEVHER E.

3 rd Conference Innovation of Drug Delivery Advances in Local Drug Delivery, Italy, 1 - 04 September 2013, pp.108

## Supported Projects

SESSEVMEZ M., Project Supported by Other Private Institutions, Mukoadezif vajinal jel formülasyonlarının geliştirilmesi, 2019 - Continues

SESSEVMEZ M., SİNANİ G., TURAN A., CEVHER E., MORİNA D., Project Supported by Higher Education Institutions, Nebivolol içeren lipozom formülasyonlarının geliştirilmesi ve oral yoldan hedeflendirilmesi, 2018 - 2020

## Memberships / Tasks in Scientific Organizations

Türk Farmasötik Teknoloji Araştırmacıları Demeđi, Member, 2018 - Continues

## Scientific Refereeing

Journal of Research in Pharmacy, National Scientific Refreed Journal, December 2018

## Scientific Consultations

TİTCK Biyolojik Ürünler -1 (Aşı) Komisyonu, Scientific Consultancy, Istanbul University, Faculty of Pharmacy , Eczacılık, Turkey, 2018 - Continues

## Invited Congress and Symposium Activities

Türk Farmasötik Teknoloji Araştırmacılar Demeđi (TÜFTAD) Toplantısı, Attendee, İzmir, Turkey, 2016

## Citations

Total Citations (WOS):12

h-index (WOS):2