



# MELIKE SESSEVMEZ

## RES. ASST. PHD

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Address : İstanbul Üniversitesi, Eczacılık Fakültesi, Farmasötik  
Teknoloji Anabilim Dalı Beyazıt/Fatih İstanbul



### Learning Knowledge

Undergraduate  
2013 - 2018

Anadolu Üniversitesi, İktisat Fakültesi, Uluslararası İlişkiler Bölümü, Turkey

Doctorate  
2010 - 2016

Istanbul University, Health Sciences Institute, Eczacılık Fakültesi Bölümü, Turkey

Undergraduate  
2005 - 2010

İstanbul Üniversitesi, Faculty of Pharmacy , Turkey

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

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

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

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

Health&Medicine, First International Congress of the Molecular Biology Association of Turkey, Boğaziçi Üniversitesi, 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, Istanbul University, Health Sciences Institute, Eczacılık Fakültesi Farmasötik Teknoloji Anabilim Dalı, 2016

## Academic Titles / Tasks

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Assistant Professor 2022 - Continues	Istanbul University, Faculty Of Pharmacy , Department Of Pharmaceutical Technology
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Research Assistant 2011 - 2022	Istanbul University, Faculty Of Pharmacy , Department Of Pharmaceutical Technology
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## Supported Projects

1. Sinani G., Alpar H. O. , Cevher E., Sessevmez M., Project Supported by Higher Education Institutions, Mukoadezif vajinal jel formülasyonlarının geliştirilmesi, 2019 - 2021
2. 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
3. Sessevmez M., Pabuccuoğlu S., Gök M. K. , Pabuccuoğlu S. K. , Cevher E., Demir K., Project Supported by Higher Education Institutions, Üreme Biyoteknolojisi ve Gen taşıyıcı Nanopartiküler sistem üretimi araştırma alt yapısının geliştirilmesi, 2017 - 2020

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

1. **Bacteriophage Therapy of Bacterial Infections: The Rediscovered Frontier**  
Düzgüneş N., Sessevmez M., Yildirim M.  
PHARMACEUTICALS, vol.14, no.1, 2021 (Journal Indexed in SCI)
2. **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)
3. **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)
4. **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)
5. **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)
6. **Nasal vaccination with poly( $\beta$ -amino ester)-poly(d,l-lactide-co-glycolide) hybrid nanoparticles.**  
SINANI G., Sessevmez M., Koray G., Özgümüş S., Okyar A., Oya A., Cevher E.  
International journal of pharmaceutics, vol.529, pp.1-14, 2017 (Journal Indexed in SCI)

## Articles Published in Other Journals

1. **Sustained Release of Vitamin D3 Enhanced Osseointegration Capacity: An Experimental Sheep Study**  
Mutlu İ. O. , Karabuda Z. C. , Arisan V., Sessevmez M., Saldamlı E., Bekel G., Soluk Tekkeşin M.  
Biointerface Research in Applied Chemistry, vol.12, no.6, pp.8205-8218, 2022 (Journal Indexed in ESCI)

## Refereed Congress / Symposium Publications in Proceedings

1. **Preparation and Characterization of Nebivolol Loaded Pluronic F-127 Coated Liposomes for Oral Drug Delivery**  
Sessevmez M., Sinani G., Çevikelli T.  
International Congress on Biological and Health Sciences, Afyonkarahisar, Turkey, 26 - 28 February 2021, pp.131
2. **Histological and Histomorphometric Analysis of the Effect of Vitamin D on Osseointegration in Peri Implant Defects**  
Mutlu İ. O. , Cevher E., Sessevmez M., Saldamlı E.  
Turkish Society Of Oral Implantology XXXI International Scientific Congress, İstanbul, Turkey, 10 - 11 January 2020, pp.77
3. **Evaluation of gel formulations containing ornidazole for vaginal delivery**  
Saldamlı E., Çevikelli T., Sessevmez M., Sinani G.  
8th BBBB International Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019, pp.299-301
4. **Development and in vitro evaluation of vaginal gel formulations containing ornidazole**  
Sessevmez M., Sinani G., Çevikelli T., Saldamlı E.  
8th BBBB International Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019, pp.305-306
5. **Oral disintegrating tablets for dry mouth (xerostomia)**  
Sessevmez M., Sinani G.  
8th BBBB International Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019, pp.265-267
6. **Dna Vaccines: From Bench To Bedside**  
Sessevmez M., Sinani G.  
Uluslararası İvek Bio Kongresi, İstanbul, Turkey, 26 - 28 November 2018, pp.112
7. **Recombinant protein-based malaria vaccines**  
Sessevmez M., Sinani G.  
Uluslararası İvek Bio Kongresi, İstanbul, Turkey, 26 - 28 November 2018, pp.113
8. **Adana ilinde eczane eczacılarının majistral ilaç uygulamalarına ilişkin tutumlarının belirlenmesi**  
Çevikelli T., Turan A., Sinani G., Sessevmez M.  
2. Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 14 - 16 November 2018, pp.232
9. **Eczane eczacılarının majistral uygulamalarına ilişkin bilgi ve ihtiyaçlarının incelenmesi**  
Turan A., Çevikelli T., Sessevmez M., Sinani G.  
2.Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 14 - 16 November 2018, pp.231
10. **Formulation and optimization of polymer coated liposomal carriers for the delivery of nebivolol**  
Sessevmez M., Çevikelli T., Sinani G.  
19th International Pharmaceutical Technology Symposium, Antalya, Turkey, 17 - 19 September 2018, pp.242-243
11. **New Biopolymer-based nanoparticles as vaccine carriers:Antibody assay**  
SESSEVMEZ M., Sinani G., Alpar O., CEVHER E.  
21st International Symposium on Microencapsulation, Faro, Portugal, 27 - 29 September 2017, pp.101
12. **Polyester-based hybrid nanoparticles enhance cytokine responses of antigenic proteins after nasal administration**  
Sinani G., Sessevmez M., Alpar O., Cevher E.  
21st International Symposium On Microencapsulation, Faro, Portugal, 27 - 29 September 2017, pp.75
13. **Cytokine production to novel biopolymer-based nanovaccine carriers**  
Sessevmez M., Sinani G., Alpar O., Cevher E.

- 21st International Symposium On Microencapsulation, Faro, Portugal, 27 - 29 September 2017, pp.100
14. **Characterisation of antibody responses after intranasal vaccination with aminated chitosan nanoparticles**  
Sinani G., Sessevmez M., Alpar O., Cevher E.  
21st International Symposium On Microencapsulation, Faro, Portugal, 27 - 29 September 2017, pp.93
15. **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
16. **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
17. **PGF2? İÇİN YENİ BİR ALTERNATİF UYGULAMA YOLU: PGF2? YÜKLENMİŞ VAJİNAL TABLET**  
GÖK M. K., DEMİR K., Duran M., CEVHER E., (Özgümüş) PABUCCUOĞLU S. K., PABUCCUOĞLU S.  
ULUSLARARASI KATILIMLI 8. ULUSAL REPRODÜKSİYON VE SUNI TOHURLAMA BİLİM KONGRESİ, Antalya, Turkey, 5 - 09 October 2016, vol.1, no.1, pp.44-45
18. **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
19. **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
20. **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
21. **DEVELOPMENT OF A NEW CHITOSAN-BASED NANOPARTICULATE SYSTEM FOR NASAL DELIVERY OF VACCINES**  
Sinani G., Duran M., Morina D., GÖK M. K., ÖZGÜMÜŞ S. K., Peköz A., Alpar H. O., CEVHER E.  
International Multidisciplinary Symposium on Drug Research and Development, Turkey, 1 - 04 November 2013, pp.99
22. **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
23. **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

## Memberships / Tasks in Scientific Organizations

Türk Farmasötik Teknoloji Araştırmacıları Derneği, Member, 2018 - Continues

## Scientific Refereeing

JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, December 2021  
Journal of Research in Pharmacy, Journal Indexed in ESCI, October 2021  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, October 2021  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, July 2021  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, March 2021  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, Journal Indexed in SCI-E, February 2021  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, Other Indexed Journal, January 2021  
Journal of Research in Pharmacy, Journal Indexed in ESCI, June 2020  
Istanbul Journal of Pharmacy, Journal Indexed in ESCI, April 2020  
Journal of Research in Pharmacy, Journal Indexed in ESCI, November 2019  
Journal of Research in Pharmacy,, Journal Indexed in ESCI, May 2019  
Journal of Research in Pharmacy,, Journal Indexed in ESCI, April 2019

## Scientific Consultations

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

## Edit Congress and Symposium Activities

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

## Citations

Total Citations (WOS):39

h-index (WOS):4

## Research Areas

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