

## Assoc. Prof. MİNE SİLİNDİR GÜNAY

### Personal Information

**Office Phone:** [+90 312 305 2152](tel:+903123052152)

**Email:** mines@hacettepe.edu.tr

**Web:** <https://avesis.hacettepe.edu.tr/mines>

**Address:** Hacettepe Üniversitesi Eczacılık Fakültesi Radyofarmasi Anabilim Dalı, 06100, Sıhhiye, Ankara.

### International Researcher IDs

ORCID: 0000-0002-5291-810X

Publons / Web Of Science ResearcherID: J-1030-2013

ScopusID: 41262625800

Yoksis Researcher ID: 169226

### Education Information

Doctorate, Hacettepe University, Eczacılık Fakültesi, Radyofarmasi Anabilim Dalı, Turkey 2009 - 2016

Doctorate, Université de Tours, le Doctorat en Sciences de la Vie et de la Santé, le Doctorat en Sciences de la Vie et de la Santé, France 2009 - 2016

Postgraduate, Hacettepe University, Eczacılık Fakültesi, Radyofarmasi Anabilim Dalı, Turkey 2006 - 2009

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 2002 - 2006

### Dissertations

Doctorate, The Preparation of Theragnostic Immunoliposomes/Immunoniosomes for the Diagnosis and Therapy of Parkinson's Disease, Université François-Rebelais: Tours, Equipe 3, Molecular Imaging And Brain, Inserm U930, Imaging And Brain, 2016

Postgraduate, SPECT/BT yöntemiyle tümör teşhis ve görüntülenmesinde kullanılacak nanoboyutlu lipozom formülasyonlarının geliştirilmesi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2009

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutics Technology, Radiopharmacy

### Academic Titles / Tasks

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2017 - Continues

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2006 - 2017

### Courses

Mesleklerarası İşbirliği, Undergraduate, 2019 - 2020, 2018 - 2019

Radyasyondan Korunma, Undergraduate, 2018 - 2019

Radyofarmasi, Undergraduate, 2018 - 2019

ECF 513 Eczane Yönetimi, Undergraduate, 2017 - 2018

ECF 439 Radyofarmasötikler ve Hastanede Uygulamaları, Undergraduate, 2017 - 2018

## Advising Theses

Silindir Günay M., Glioblastomanın Görüntüleme ve Fotodinamik Tedavisi İçin Multifonksiyonel, Hedeflendirilmiş, Teranostik Lipozomların Geliştirilmesi ve Etkinliğinin In Vitro İncelenmesi, Postgraduate, F.GÜLÇİN(Student), 2022

Özer A. Y., Silindir Günay M., Küçük Hücreli Dışı Akciğer Kanseri Hücrelerine Hedeflendirilmiş Kombine İlaç İçeren Teranostik Lipozomların Etkinliğinin İzlenmesi, Doctorate, M.KARPUZ(Student), 2019

SİLİNDİR GÜNAY M., Sterilization of Grafts Used in Periodontology by Gamma and Microwave Radiation, Postgraduate, S.Bargh(Student), 2018

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An overview: Radiotracers and nano-radiopharmaceuticals for diagnosis of Parkinson's disease**  
Ozolmez N., SİLİNDİR GÜNAY M., VOLKAN SALANCI B.  
Applied Radiation and Isotopes, vol.203, 2024 (SCI-Expanded)
- II. **DESIGN OF IR780 ETHOSOMES FOR IMAGING AND PHOTODYNAMIC/PHOTOTHERMAL THERAPY OF INFECTIONS**  
SİLİNDİR GÜNAY M., Onaral F. G., KART D.  
ACTA POLONIAE PHARMACEUTICA, vol.79, no.2, pp.255-266, 2022 (SCI-Expanded)
- III. **Zr-89 as a promising radionuclide and its applications for effective cancer imaging**  
SARCAN E. T., SİLİNDİR GÜNAY M., Ozer A. Y., Hartman N.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.330, no.1, pp.15-28, 2021 (SCI-Expanded)
- IV. **The effect of gamma and microwave radiation sterilization on periodontological grafts for microbiological evaluation**  
Bargh S., SİLİNDİR GÜNAY M., Ozer A. Y., EKİZOĞLU M., KART D., Kutlu B., Nohutcu R.  
APMIS, vol.129, no.10, pp.587-597, 2021 (SCI-Expanded)
- V. **Simultaneous Quantification of Paclitaxel and Vinorelbine Encapsulated in Theranostic Nanosized Liposomes**  
KARPUZ M., DOĞAN A., NEMUTLU E., SİLİNDİR GÜNAY M., Ozer A. Y.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.76, no.6, pp.742-748, 2021 (SCI-Expanded)
- VI. **Diagnostic and therapeutic evaluation of folate-targeted paclitaxel and vinorelbine encapsulating theranostic liposomes for non-small cell lung cancer**  
Karpuz M., Silindir-Gunay M., Ozer A. Y., Ozturk S. C., Yanik H., Tuncel M., Aydin C., Esendagli G.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.156, 2021 (SCI-Expanded)
- VII. **Effect of X-Ray Irradiation on Some Analgesics, Anti-Diabetics, PPI'S, Anti-Hypertensives, Heart Failure Drugs in Tablet and Capsule Forms**  
SARCAN E. T., Tas A., SİLİNDİR GÜNAY M., ÖZER A. Y., PALASKA E., Hekimoğlu B.  
JOURNAL OF PHARMACEUTICAL SCIENCES, vol.109, no.12, pp.3653-3659, 2020 (SCI-Expanded)
- VIII. **ESR investigations of X-ray exposed drugs**  
Sarcana E. T., Taş A., Silindir Günay M., Özer A. Y., Çolak Ş., Hekimoğlu B.  
Journal Of Pharmaceutical And Biomedical Analysis, vol.188, no.113311, pp.1-8, 2020 (SCI-Expanded)
- IX. **Design and in vitro evaluation of folate-targeted, co-drug encapsulated theranostic liposomes for non-small cell lung cancer**  
KARPUZ M., Silindir-Gunay M., Kursunel M. A., ESENDAĞLI G., DOĞAN A., ÖZER A. Y.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.57, 2020 (SCI-Expanded)
- X. **Targeted alpha therapy and nanocarrier approach**  
Silindir Günay M., Karpuz M., Özer A. Y.

- Cancer Biotherapy And Radiopharmaceuticals, vol.1, no.1, pp.1-8, 2020 (SCI-Expanded)
- XI. **99mTc-Radiolabeled Levofloxacin and micelles as infection and inflammation imaging agents**  
Silindir Günay M., Özer A. Y.  
Journal Of Drug Delivery Science And Technology, vol.56, pp.1-13, 2020 (SCI-Expanded)
- XII. **Clinical Applications of Nanosized Drug-Delivery Systems in Lung Cancer Imaging and Therapy**  
KARPUZ M., SİLİNDİR GÜNAY M., Ozer A. Y.  
CRITICAL REVIEWS IN THERAPEUTIC DRUG CARRIER SYSTEMS, vol.37, no.5, pp.435-471, 2020 (SCI-Expanded)
- XIII. **Physicochemical evaluation of gamma and microwave irradiated dental grafts**  
Bargh S., Silindir Günay M., Özer A. Y., Palaska E., Karaarslan D., İde S., Şolpan Özbay D.  
RADIATION PHYSICS AND CHEMISTRY, vol.170, no.108627, pp.1-12, 2020 (SCI-Expanded)
- XIV. **Radiolabeled, folate-conjugated liposomes as tumor imaging agents: Formulation and in vitro evaluation**  
Silindir-Gunay M., KARPUZ M., Ozturk N., Yekta Ozer A., ERDOĞAN S., TUNCEL M.  
Journal of Drug Delivery Science and Technology, vol.50, pp.321-328, 2019 (SCI-Expanded)
- XV. **Near-infrared imaging of diseases: A nanocarrier approach**  
Silindir Günay M., Sarcan E. T., Özer A. Y.  
Drug Development Research, vol.1, no.1, pp.1-14, 2019 (SCI-Expanded)
- XVI. **Theranostic polymeric nanoparticles for NIR imaging and photodynamic therapy**  
SARCAN E. T., Silindir-Gunay M., ÖZER A. Y.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.551, pp.329-338, 2018 (SCI-Expanded)
- XVII. **Current and Future Approaches for Effective Cancer Imaging and Treatment**  
KARPUZ M., SİLİNDİR GÜNAY M., ÖZER A. Y.  
CANCER BIOTHERAPY AND RADIOPHARMACEUTICALS, vol.33, no.2, pp.39-51, 2018 (SCI-Expanded)
- XVIII. **Development of Nanosized, Pramipexole-Encapsulated Liposomes and Niosomes for the Treatment of Parkinson's Disease**  
Gunay M., ÖZER A. Y., ERDOĞAN S., BODARD S., BAYSAL İ., GULHAN Z., GUILLOTEAU D., CHALON S.  
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.17, no.8, pp.5155-5167, 2017 (SCI-Expanded)
- XIX. **NANOSIZED DRUG DELIVERY SYSTEMS AS RADIOPHARMACEUTICALS**  
SİLİNDİR GÜNAY M., Ozer A. Y.  
NANOSTRUCTURES FOR CANCER THERAPY, pp.563-592, 2017 (SCI-Expanded)
- XX. **The benefits of pramipexole selection in the treatment of Parkinson's disease**  
Silindir M., ÖZER A. Y.  
NEUROLOGICAL SCIENCES, vol.35, no.10, pp.1505-1511, 2014 (SCI-Expanded)
- XXI. **Nanosized multifunctional liposomes for tumor diagnosis and molecular imaging by SPECT/CT**  
Silindir M., Erdoğan S., Özer A. Y., Doğan A. L., Tuncel M., Uğur Ö., Torchilin V. P.  
JOURNAL OF LIPOSOME RESEARCH, vol.23, no.1, pp.20-27, 2013 (SCI-Expanded)
- XXII. **Liposomes and their applications in molecular imaging**  
Silindir M., ERDOĞAN S., ÖZER A. Y., Maia S.  
JOURNAL OF DRUG TARGETING, vol.20, no.5, pp.401-415, 2012 (SCI-Expanded)
- XXIII. **The effect of radiation on a variety of pharmaceuticals and materials containing polymers**  
Silindir M., ÖZER A. Y.  
PDA Journal of Pharmaceutical Science and Technology, vol.66, no.2, pp.184-199, 2012 (SCI-Expanded)
- XXIV. **The use and importance of liposomes in Positron Emission Tomography**  
Silindir M., ÖZER A. Y., ERDOĞAN S.  
DRUG DELIVERY, vol.19, no.1, pp.68-80, 2012 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The effects of gamma and microwave sterilization on periodontological grafts**  
Bargh S., Silindir Günay M., Özer A. Y., Çolak Ş., Kutlu H. B., Nohutcu R. M.

Chemical Physics Impact, vol.3, pp.100046, 2021 (Peer-Reviewed Journal)

- II. **The Formulation of Methylene Blue Encapsulated, Tc-99m Labeled Multifunctional Liposomes for Sentinel Lymph Node Imaging and Therapy**  
SİLİNDİR GÜNAY M.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.17, no.4, pp.381-387, 2020 (ESCI)
- III. **Sterilization methods and the comparison of e-beam sterilization with gamma ray sterilization.**  
SİLİNDİR M., Ozer A. Y.  
FABAD J Pharm Sci, vol.34, pp.43-53, 2009 (Scopus)
- IV. **Adverse reactions to radiopharmaceuticals (ARRP): particularly with the use of technetium radiopharmaceuticals.**  
SİLİNDİR M., ÖZER A. Y.  
FABAD J Pharm Sci, vol.33, pp.109-117, 2008 (Scopus)
- V. **The Place of Radiopharmaceuticals Among Orphan Drugs**  
SİLİNDİR M., ÖZER A. Y.  
Mediterranean Journal of Science & Technology Research, vol.23, no.1, pp.2-9, 2008 (Peer-Reviewed Journal)
- VI. **Recently developed radiopharmaceuticals for positron emission tomography (PET).**  
SİLİNDİR M., ÖZER A. Y.  
FABAD J Pharm Sci, vol.33, pp.153-162, 2008 (Scopus)

## Books & Book Chapters

- I. **Afet Durumunda Hastanelerde Radyoaktif Atıkların Yönetimi**  
Silindir Günay M., Karpuz M.  
in: Afet ve Acil Durumlarda İlaç ve Sağlık Hizmetleri Klavuzu, Göknur Yalım, Editor, EMA Tıp Kitapevi, İstanbul, pp.261-269, 2024
- II. **Lipid-Based Drug Delivery Systems and Their Role in Infection and Inflammation Imaging.**  
Karpuz M., Silindir Günay M.  
in: Nanoengineering of Biomaterials: Biomedical Applications, Sougata Jana, Subrata Jana, Editor, Wiley-VCH Weinheim, Berlin, Berlin, pp.469-503, 2022
- III. **Radiopharmaceuticals for Glioma Imaging**  
Onaral F. G., Silindir Günay M., Özer A. Y.  
in: New Trends in Radiopharmaceuticals, Asuman Yekta Özer, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.23-33, 2021
- IV. **LİPOZOMLARIN HEDEFLENDİRİLMESİNDE KULLANILAN YAKLAŞIMLAR**  
Erdoğan S., Silindir Günay M., Battal H.  
in: Moleküler Görüntüleme ve Tedavi Radyofarmasötiklerine Güncel Yaklaşım, Türkan Ertay, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.42-50, 2021
- V. **Liposomes and Phytosomes for Phytoconstituents**  
Karpuz M., Silindir Günay M., Özer A. Y.  
in: Advances and Avenues in Development of Novel Carriers for Bioactives and Biological Agents, Manju Rawat Singh, Deependra Singh, Nagendra Singh Chauhan, Editor, Elsevier Science, Oxford/Amsterdam, Alabama, pp.525-553, 2020
- VI. **Glioma Imaging and Novel Agents**  
Silindir Günay M.  
in: Frontiers in Clinical Drug Research-CNS and Neurological Disorders, Rahman A, Amtul Z, Editor, Bentham Science Publishers, Singapore, pp.109-154, 2020
- VII. **Nanocarriers for Diagnosis and Imaging of Neurodegenerative Diseases**  
Silindir Günay M., Özer A. Y.  
in: Pathology, Prevention and Therapeutics of Neurodegenerative Diseases, Sarika Singh, Editor, Springer, London/Berlin, Missouri, pp.143-150, 2019

## VIII. Radyofarmasötikler

Özer A. Y., Aşikoğlu M., Erdoğan S., İlem Özdemir D., Atlıhan Gündoğdu E., Silindir Günay M., Gündoğan E., Karpuz M. in: Türk Farmakopesi 2017, T.C. Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Editor, Artı 6 Reklam Matbaa Ltd. Şti, Ankara, pp.1281-1420, 2018

## IX. Liposomes and micelles as nanocarriers for diagnostic and imaging purposes

SİLİNDİR GÜNAY M., ÖZER A. Y.

in: Design of Nanostructures for Theranostics Applications, Alex Grumezescu, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.305-340, 2018

## X. Nanosized Drug delivery Systems as Radiopharmaceuticals

SİLİNDİR GÜNAY M., ÖZER A. Y.

in: Nanostructures in Therapeutic Medicine, Ficaı A., Grumezescu A.M, Editor, Elsevier, pp.563-592, 2017

## XI. Nanoparticulate Contrast Agents for CT, SPECT and PET Imaging

ERDOĞAN S., SİLİNDİR GÜNAY M.

in: Handbook of Nanobiomedical Research, Fundamentals, Applications and Recent Developments, Torchilin VP, Editor, World Scientific Publishers, Inc., New York, pp.47-76, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **Afet Durumunda Hastanelerde Radyoaktif Atıkların Yönetimi**  
Silindir Günay M.  
Afet ve Acil Durumlarda Eczacılık Hizmetleri Çalıştayı, Malatya, Turkey, 9 - 19 February 2024, pp.15-16
- II. **Design and Evaluation of Surface-Coated Plga Nanoparticles with Poloxamer 188 as a New Drug Carrier Containing Methylene Blue and Galantamine to Treat Alzheimer's Disease**  
Öztürk B., Demir Kabaş H., Silindir Günay M., Akdağ Çaylı Y., Şahin S., Gülsün İnal T.  
International Multidisciplinary Symposium on Drug Research and Development (DRD 2023), İzmir, Turkey, 4 - 06 May 2023, pp.303-304
- III. **Preparation and Characterization of Tc-99m Radiolabelled Nanoparticles**  
SARCAN BOZKIR E. T., BATTAL H., SİLİNDİR GÜNAY M., ERDOĞAN S.  
International Multidisciplinary Symposium on Drug Research and Development (DRD) 2023, İzmir, Turkey, 04 May 2023
- IV. **Liposomes for Imaging and Photodynamic Therapy of Glioblastoma**  
Onaral F. G., Silindir Günay M., Ulutürk S., Öztürk S. C., Esendağlı G.  
International Multidisciplinary Symposium on Drug Research and Development (DRD 2023) , İzmir, Turkey, 4 - 06 May 2023, pp.109-110
- V. **Development of IR 780 Encapsulated Radiolabeled Liposomes For Imaging and Photodynamic Therapy of Glioblastoma.**  
Onaral F. G., Silindir Günay M., Ulutürk S., Öztürk S. C., Esendağlı G.  
20th International Pharmaceutical Technology Symposium (IPTS-2022), Ankara, Turkey, 21 - 23 February 2022, pp.167-169
- VI. **What Happen if the X-Rays Affect Drugs used in Chronic Diseases?**  
SARCAN E. T., TAŞ A., SİLİNDİR GÜNAY M., ÖZER A. Y., PALASKA E., HEKİMOĞLU B.  
FIP World Congress of Pharmacy and Pharmaceutical Science (FIP 2019), 22 - 26 September 2019
- VII. **The Development and Radiolabeling of Ethosomal Formulations for Tumor Imaging**  
Silindir Günay M., Özer A. Y.  
8th BBBB International Conference on Pharmaceutical Sciences, İzmir, Turkey, 13 - 16 October 2019, pp.102-103
- VIII. **In vitro and In vivo Diagnostic and Therapeutic Evaluation of Folate-Targeted, Paclitaxel and Vinorelbine Encapsulated Theranostic Liposomes in Non-Small Cell Lung Cancer**  
Karpuz M., Silindir Günay M., Öztürk S. C., Yanık H., Tuncel M., Esendağlı G., Özer A. Y.  
8th BBBB International Conference on Pharmaceutical Sciences, İzmir, Turkey, 13 - 16 October 2019, pp.90-91
- IX. **ESR INVESTIGATION OF X-RAY EXPOSURE ON SOME ANTI-DIABETICS AND PROTON PUMP**

## INHIBITORS

SARCAN E. T., TAŞ A., SİLİNDİR GÜNAY M., ÖZER A. Y., ÇOLAK Ş., HEKİMOĞLU B.

International Conference on Radiation Applications, 16 - 19 September 2019

- X. **ESR Investigation of X-ray Exposed Pharmaceuticals**  
SARCAN E. T., TAŞ A., SİLİNDİR GÜNAY M., ÖZER A. Y., ÇOLAK Ş., HEKİMOĞLU B.  
International Conference on Radiation Applications (RAP 2019), 16 - 19 September 2019
- XI. **The Effect of X Ray Exposure on Analgesic Tablets**  
SARCAN E. T., TAŞ A., SİLİNDİR GÜNAY M., ÖZER A. Y., PALASKA E., HEKİMOĞLU B.  
International Multidisciplinary Symposium on Drug Research and Development (DRD 2019), 1 - 03 July 2019
- XII. **The Significance of Radioactive Waste Management and Disposal for Radiopharmacy Laboratories**  
Silindir Günay M., Özer A. Y.  
International Multidisciplinary Symposium on Drug Research and Development (DRD 2019), Malatya, Turkey, 1 - 03 July 2019, pp.129-130
- XIII. **Design and In Vitro Evaluation of Vesicular Delivery Systems for Topical Application of an Antiaging Peptide**  
Timur S. S., Silindir Günay M., Gürsoy R. N.  
International Multidisciplinary Symposium on Drug Research and Development (DRD 2019), Malatya, Turkey, 1 - 03 July 2019, pp.193-194
- XIV. **The Effects of X-Ray Exposure on Analgesic Tablets**  
Sarcan E. T., Taş A., Silindir Günay M., Özer A. Y., Palaska E., Hekimoğlu M.  
International Multidisciplinary Symposium on Drug Research and Development (DRD 2019), Malatya, Turkey, 1 - 03 July 2019, pp.325-327
- XV. **In Vitro Evaluation of Folate Targeted Co-Encapsulated Theranostic Liposomes in Human Non-Small Cell Lung Cancer**  
Karpuz M., Silindir Günay M., Kurşunel M. A., Özer A. Y., Esendağlı G.  
4th World Congress & Expo on Pharmaceutics and Drug Delivery Systems (PDDS 2019), Milan, Italy, 25 - 26 March 2019, pp.1
- XVI. **Radyofarmasistin Nükleer Tıp Uygulamalarındaki Görev ve Sorumlulukları**  
Silindir Günay M.  
2. Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 14 - 16 November 2018, pp.119
- XVII. **Microbiological Evaluation of Gamma Radiation and Microwave Radiation Sterilized Grafts for Periodontological Applications**  
BARGH S., SİLİNDİR GÜNAY M., ÖZER A. Y., EKİZOĞLU M., KART D., KUTLU H. B., NOHUTCU R. M.  
AAPS Annual Meeting and Exposition/FIP 2010/PSWC 2010 Meeting, 4 - 07 November 2018
- XVIII. **What Happens to Analgesic Tablets after X-Ray Exposure?**  
SARCAN E. T., TAŞ A., SİLİNDİR GÜNAY M., ÖZER A. Y., HEKİMOĞLU B.  
19th International Pharmaceutical Technology Symposium, Antalya, Turkey, 17 September 2018, pp.184-185
- XIX. **Physicochemical Studies of Grafts Used in Periodontology Irradiated by Gamma and Microwave Radiation**  
Bargh S., SİLİNDİR GÜNAY M., ÖZER A. Y., PALASKA E., İDE S., ŞOLPAN ÖZBAY D.  
19th International Pharmaceutical Technology Symposium, Antalya, Turkey, 17 September 2018, pp.186-187
- XX. **In Vitro Evaluation of Co-Loaded Drug Delivery, Theranostic Liposomes in Human Non-Small Cell Lung Cancer**  
KARPUZ M., KURŞUNEL M. A., SİLİNDİR GÜNAY M., DOĞAN A., ESENDAĞLI G., ÖZER A. Y.  
19th International Pharmaceutical Technology Symposium, Antalya, Turkey, 17 September 2018, pp.182-183
- XXI. **ESR Studies of Gamma Radiation and Microwave Sterilized Grafts for Periodontological Applications**  
Bargh S., SİLİNDİR GÜNAY M., ÖZER A. Y., ÇOLAK Ş., KUTLU H. B., NOHUTCU R. M.  
International Conference on Ionizing Processes (ICIP 2018), Maryland, United States Of America, 22 July 2018, pp.87
- XXII. **Formulation and Characterization Studies of Radiolabeled, Active Folate Targeted Theranostic Co-Delivery Liposomes for Non-Small Cell Lung Cancer**

KARPUZ M., SİLİNDİR GÜNAY M., ÖZER A. Y.

European Symposium on Radiopharmacy and Radiopharmaceuticals (ESRR 2018), Groningen, Netherlands, 05 June 2018, vol.3, no.1, pp.37

**XXIII. Hacettepe Üniversitesi Eczacılık Fakültesi'nin Akreditasyon Sonrasında Standartları Karşılama Açısından Son Üç Yıldaki Mevcut Durumu**

ERDOĞAR N., DOĞAN A., BİBEROĞLU K., ULUTAŞ DENİZ E., EROĞLU İ., KAZKAYASI İ., DÜZENLİ Ö. F., ARITULUK Z. C., SARI S., GENÇ Y., et al.

II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 10 - 11 May 2018

**XXIV. Hacettepe Üniversitesi Eczacılık Fakültesi'nin Akreditasyon Süreci Açısından 2016 ve 2017 Yılı Değerlendirmesi**

ERDOĞAR N., DOĞAN A., BİBEROĞLU K., ULUTAŞ DENİZ E., EROĞLU İ., KAZKAYASI İ., DÜZENLİ Ö. F., ARITULUK Z. C., SARI S., GENÇ Y., et al.

II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 10 - 11 May 2018

**XXV. Radiopharmaceuticals for Brain Imaging**

SİLİNDİR GÜNAY M., ÖZER A. Y.

Drug Research and Development, 5 - 07 October 2017

**XXVI. Radiopharmaceuticals for Brain Imaging**

Silindir Günay M., Özer A. Y.

International Multidisciplinary Symposium on Drug Research and Development (DRD 2017), Erzurum, Turkey, 5 - 07 October 2017, pp.38

**XXVII. PET Radiopharmaceuticals and Their Use in Hospital Practice in Turkey**

SİLİNDİR GÜNAY M., ÖZER A. Y.

International Conference on Integrated Medical Imaging in Cardiovascular Diseases (IMIC 2016), 10 - 14 October 2016

**XXVIII. Hacettepe Üniversitesi Eczacılık Fakültesi ve Radyofarmasi Eğitimi**

ÖZER A. Y., ERDOĞAN S., SİLİNDİR GÜNAY M., KARPUZ M., GÜNDOĞAN E.

I. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 9 - 10 May 2016

**XXIX. In Vitro Studies on BBB Penetration of Pramipexole Encapsulated Theranostic Liposomes for the Therapy of Parkinson s Disease**

SİLİNDİR GÜNAY M., ÖZER A. Y., ERDOĞAN S., BAYSAL İ., Guilloteau D., Chalon S.

18th European Symposium on Radiopharmacy and Radiopharmaceuticals, 7 - 10 April 2016

**XXX. Radyofarmasötikler ve Yeni Gelişmeler**

SİLİNDİR GÜNAY M., ÖZER A. Y.

5. Biyomedikal Mühendisliği Öğrenci Sempozyumu, İstanbul, Turkey, 24 - 25 March 2016

**XXXI. Radiopharmaceuticals and their use for Parkinson s Diseases**

SİLİNDİR GÜNAY M., ÖZER A. Y.

International Multidisciplinary Symposium on Drug Research and Development- DRD 2015, 15 - 17 October 2015

**XXXII. Comperative Evaluation of Pramipexole Encapsulated Theranostic Liposomes And Niosomes For Parkinson s Disease**

SİLİNDİR GÜNAY M., ÖZER A. Y., ERDOĞAN S., Geuilloteau D., Chalon S.

International Conference on Clinical PET-CT and Molecular Imaging (IPET 2015): PET-CT in the era of multimodality imaging and image-guided therapy, 5 - 09 October 2015

**XXXIII. Design of Novel Nanosized Theragnostic Niosomes for Diagnosis and Therapy of Parkinson s Disease**

SİLİNDİR GÜNAY M., Ozer A. Y., ERDOĞAN S.

40th Annual Meeting and Exposition of the Controlled Release Society (CRS), 21 - 24 July 2013

**XXXIV. Characterization of Nanosized Theragnostic Liposomes for the Diagnosis and Therapy of Parkinson s Disease**

SİLİNDİR GÜNAY M., OZER A. Y., ERDOĞAN S.

16th International Pharmaceutical Technology Symposium (IPTS-16), 10 - 12 September 2012

**XXXV. Radyofarmasötiklerde Görülen Yan Etkiler ve Radyofarmasötik İlaç Etkileşimleri**

ERDOĞAN S., SİLİNDİR GÜNAY M., A Yekta O.

10. Türkiye Eczacılık Kongresi, Turkey, 30 September - 03 October 2010

XXXVI. **Iopromide and Tc 99m loaded nano sized tumor targeted liposomes for tumor imaging by SPECT CT**

ERDOĞAN S., SİLİNDİR GÜNAY M., Ozer A. Y., Dogan A. L., TUNCEL M., Ugur O.

European Science Foundation (ESF) Research Congress, Nanomedicine: Reality Now and Soon, 23 - 28 October 2010

XXXVII. **Development Of Novel Nano Sized Liposomal Contrast Agents For Tumor Diagnosis By SPECT CT Preparation Characterization And In Vitro Tumor Cell Binding**

SİLİNDİR GÜNAY M., ERDOĞAN S., Ozer A. Y., Dogan A. L., TUNCEL M., Ugur O.

15th International Pharmaceutical Technology Symposium (IPTS-15), 13 - 15 September 2010

XXXVIII. **Radiopharmacy Applications in Hospital Practice**

SİLİNDİR GÜNAY M., Ozer A. Y.

Third International Meeting on Pharmacy and Pharmaceutical Sciences (IMPPS-3), 9 - 12 June 2010

XXXIX. **Tumor Targeted Nanosized Liposome Based Diagnostic Agents for Hybrid Imaging Systems**

SİLİNDİR GÜNAY M., ERDOĞAN S., A Yekta O., Ozer A. Y., Dogan A. L., TUNCEL M.

3rd BBBB Conference on Pharmaceutical Sciences, 26 - 29 October 2009

XL. **Characterization and In Vitro Cell Uptake of Nanosized Liposome Based Diagnostic Agents For Hybrid Imaging Systems**

SİLİNDİR GÜNAY M., ERDOĞAN S., Ozer A. Y., Dogan A. L., TUNCEL M., Ugur O.

Symposium on Phospholipids in Pharmaceutical Research, 11 - 12 June 2009

XLI. **The Preparation Characterization and Stability of Nanosized Liposome Based Diagnostic Agents for Hybrid Imaging Systems**

SİLİNDİR GÜNAY M., ERDOĞAN S., Ozer A. Y.

14th IPTS, 6 - 10 September 2008

## Supported Projects

GÜRSOY R. N., SİLİNDİR GÜNAY M., TİMUR S. S., Kılınboz Y. F., NEMUTLU E., Project Supported by Higher Education Institutions, Kolşisinin Yeniden Konumlandırılması Melanom Tedavisinde Kullanılmak Üzere Kolşisinin Nanoformülasyonlarının Geliştirilmesi, 2024 - Continues

GÜLSÜN İNAL T., AKDAĞ ÇAYLI Y., ŞAHİN S., SİLİNDİR GÜNAY M., DEMİR KABAŞ H., Öztürk B. D., Project Supported by Higher Education Institutions, Fotodinamik tedavi yaklaşımı kullanılarak Alzheimer hastalığının tedavisinde etkinliği artırmak amacıyla metilen mavisi ve galantamin yüklü polimerik nanopartiküllerin geliştirilmesi ve in vitro karakterizasyonları, 2022 - Continues

SİLİNDİR GÜNAY M., İNKAYA A. Ç., ÇALAMAK S., Taş A., KART D., Project Supported by Higher Education Institutions, Osteomyelit Görüntüleme ve Tedavisinde Kullanılmak Üzere Radyoşaretli Fusidik Asit ve Levofloksasin İçeren Lipozom Formülasyonlarının Geliştirilmesi ve Etkinliğinin In Vitro Olarak İzlenmesi, 2021 - Continues

GÜRSOY R. N., TİMUR S. S., YALÇIN Ş., ÖNER L., SİLİNDİR GÜNAY M., TUBITAK Project, Trastuzumab ve IRGD Peptit ile HER2+ Mide Kanserine Aktif Hedeflendirilmiş Oksaliplatin Yüklü Immunolipozomların Tasarımı ve in vitro/in vivo Olarak Değerlendirilmesi, 2022 - 2025

SİLİNDİR GÜNAY M., TUBITAK Project, Glioblastomanın Görüntüleme ve Fotodinamik Tedavisi İçin IR780 İçeren, Ga-68 İşaretli Multifonksiyonel Teranostik Lipozomların Geliştirilmesi, 2020 - 2021

SİLİNDİR GÜNAY M., NOHUTCU R. M., BARGH S., ÖZER A. Y., KUTLU H. B., İDE S., ÇOLAK Ş., EKİZOĞLU M., Project Supported by Higher Education Institutions, Periodontolojide Kullanılan Dermal Greftler Kemik Greftler ve Kortikal Laminaların Gama Radyasyonu ile Sterilizasyonu, 2017 - 2020

ÖZER A. Y., Sarcan E. T., Taş A., ÇOLAK Ş., SİLİNDİR GÜNAY M., HEKİMOĞLU B., Project Supported by Higher Education Institutions, Farmasötik Preparatların X-ışını Maruziyeti, 2018 - 2019

ÖZER A. Y., Sarcan E. T., Silindir Günay M., Taş A., Çolak Ş., Hekimoğlu B., Project Supported by Higher Education Institutions, Farmasötik Preparatların X-ışını Maruziyeti, 2018 - 2019

ÖZER A. Y., SİLİNDİR GÜNAY M., ESENDAĞLI G., KARPUZ M., Project Supported by Higher Education Institutions, Küçük



Hücreli Dışı Akciğer Kanserine Aktif Hedeflendirilmiş Nanoboyutlu Teranostik Kombine İlaç Taşıyan Sistemlerin Formülasyonu ve Etkinliğinin Saptanması, 2017 - 2019

Özer A. Y., Karpuz M., Silindir Günay M., Esendağlı G., Project Supported by Higher Education Institutions, Küçük Hücreli Dışı Akciğer Kanserine Aktif Hedeflendirilmiş, Nanoboyutlu, Teranostik Kombine İlaç Taşıyan Sistemlerin Formülasyonu ve Etkinliğinin Saptanması, 2017 - 2019

ÖZER A. Y., SİLİNDİR GÜNAY M., Project Supported by Higher Education Institutions, PARKİNSON HASTALIĞININ TEŞHİS VE TEDAVİSİ İÇİN KULLANILACAK NANOBOYUTLU TERAGNOSTİK İMMÜNOLİPOZOMİMMUNONİOZOMLAR ÜZERİNE İN VİTRO İN VİVO ÇALIŞMALAR, 2016 - 2017

TUBITAK Project, Parkinson Hastalığı'nın Teşhis ve Tedavisi İçin Teragnostik İmmünolipozom Formülasyonlarını Hazırlama, 2010 - 2012

SİLİNDİR GÜNAY M., Project Supported by Other Official Institutions, Polişelat Yapıcı Polimer İçeren Konvansiyonel ve İmmünolipozomlarla Gama Sintigrafi ve Bilgisayarlı Tomografi Kullanılarak Tümör Görütülenmesi ve Teşhisi, 2007 - 2011

TUBITAK Project, Hibrid Görüntülemeye Kullanılacak Diagnostik Ajan İçeren Nanoboyutta Lipozomal Taşıyıcı Sistemlerin Geliştirilmesi, 2008 - 2009

## Memberships / Tasks in Scientific Organizations

İlaç Araştırmacıları ve Uygulayıcıları Derneği (İLARUD), Secretary General, 2021 - Continues, Turkey

Radyofarmasi Derneği, Board Member, 2006 - Continues, Turkey

Farmasötik Bilimler Ankara Derneği (FABAD), Board Member, 2018 - 2023, Turkey

## Metrics

Publication: 82

Citation (WoS): 174

Citation (Scopus): 261

H-Index (WoS): 8

H-Index (Scopus): 9

## Non Academic Experience

Türkiye İlaç ve Tıbbi Cihaz Kurumu

İnönü Üniversitesi Eczacılık Fakültesi

Universite François Rabelais de Tours

University of Ljubljana Faculty of Pharmacy