

## Asst. Prof. ELİF TUĞÇE SARCAN BOZKIR

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABB-8728-2020

ScopusID: 57195675102

Yoksis Researcher ID: 291700

### Education Information

Doctorate, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey 2016 - 2022

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 2011 - 2016

### Certificates, Courses and Trainings

Other, TS EN ISO/IEC17025:2017' e ait İç Denetçi Eğitimi, Türk Akreditasyon Kurumu (TURKAK), 2023

Other, TS EN ISO/IEC17025 : 2017 Standardı Eğitimi, Türk Akreditasyon Kurumu (TURKAK), 2023

Health&Medicine, KBRN FARKINDALIK EĞİTİMİ, Ege Üniversitesi Sürekli Eğitim Merkezi (EGESEM), 2023

Health&Medicine, Immuno-PET, European Association of Nuclear Medicine – ESMIT , 2023

Health&Medicine, Deney Hayvanları Invivo Görüntüleme Kursu-1: Mikro PET/BT ve SPECT/BT, Türkiye Nükleer Tıp Derneği, 2022

Health&Medicine, E1/L, PIL A,B,C (Mice), Royal Society of Biology, 2021

Health&Medicine, 1st Virtual School on «Image-guided radio/nuclide therapy», International Atomic Energy Agency, 2020

Health&Medicine, Carriage of Class 7 Dangerous Goods (Radioactive Materials), Swansea Bay University Health Board, 2020

### Dissertations

Doctorate, Development of Radiopharmaceutical Formulations for Imaging of Non-Hodgkin's Lymphoma, Hacettepe University, Sağlık Bilimleri Enstitüsü, Radyofarmasi A.B.D., 2022

### Research Areas

Radiopharmacy

## Academic Titles / Tasks

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2023 - Continues  
Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2018 - 2023

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

- I. **Zr-89-labelled Obinutuzumab: a potential immuno-PET radiopharmaceutical**  
Sarcan E. T., Paisey S., Ruthardt M., ÖZER A. Y., Marshall C., Hartman N.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.331, pp.5507-5516, 2022 (SCI-Expanded)
- II. **Immuno-PET Imaging for CD20 Expression in Non-Hodgkin's Lymphoma**  
Bozkir E. T., Paisey S., Ruthardt M., Ozer A. Y., Marshall C., Hartman N.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.49, no.SUPPL 1, 2022 (SCI-Expanded)
- III. **Zr-89 as a promising radionuclide and it's 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. **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., Hekimoglu B.  
JOURNAL OF PHARMACEUTICAL SCIENCES, vol.109, no.12, pp.3653-3659, 2020 (SCI-Expanded)
- V. **ESR investigations of X-ray exposed drugs**  
Sarcan 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)
- VI. **Ionizing radiation and its effects on pharmaceuticals**  
SARCAN E. T., ÖZER A. Y.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.323, no.1, pp.1-11, 2020 (SCI-Expanded)
- VII. **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)
- VIII. **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)
- IX. **Using PVA and TPGS as combined emulsifier in nanoprecipitation method improves characteristics and anticancer activity of ibuprofen loaded PLGA nanoparticles**  
ŞAHİN A. E., Spiroux F., Guedon I., ARSLAN F. N., SARCAN E. T., Ozkan T., Colak N., YÜKSEL S., ÖZDEMİR S., ÖZDEMİR B., et al.  
Pharmazie, vol.72, no.9, pp.525-528, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **NANOPARTICLES FOR DUAL IMAGING: PET AND FLUORESCENCE IMAGING**  
SARCAN E. T.  
ANKARA UNIVERSİTESİ ECZACILIK FAKULTESİ DERGİSİ, vol.48, 2024 (Scopus)
- II. **Monoclonal Antibodies and Immuno-PET Imaging: An Overview**  
Sarcan E. T., Özer A. Y.  
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.48, no.1, pp.165-182, 2023 (Scopus)

## Books & Book Chapters

**I. Afet Durumlarında Radyofarmasi/Radyofarmasistler**

ÖZER A. Y., SARCAN E. T.

in: Afet ve Acil Durumlarda İlaç ve Sağlık Hizmetleri Kılavuzu, YALIM GÖKNUR, Editor, EMA Tıp Kitabevi, pp.239-250, 2024

**II. Zirconium-89 Radiopharmaceuticals: Current Status and Future**

Sarcan E. T., Özer A. Y. (Editor)

in: New Trends in Radiopharmaceuticals, Ozer Asuman Yekta, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.16-22, 2021

## **Refereed Congress / Symposium Publications in Proceedings**

**I. 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

**II. Radiolabelling of Gallium-68 DTPA and EDTA used for Kidney Imaging**

- Molaei A., SARCAN BOZKIR E. T., ERDOĞAN S., TUNCEL M.

International Multidisciplinary Symposium on Drug Research and Development (DRD) 2023, İzmir, Turkey, 04 May 2023

**III. Development of 89Zr-Radiolabelled Obinutuzumab: as a Potential Immuno-PET Agent**

Sarcan Bozkır E. T., Paisey S., Ruthard M., Özer A. Y., Marshall C., Hartman N.

20th European Symposium on Radiopharmacy and Radiopharmaceuticals, Verona, Italy, 24 November 2022

**IV. Immuno-PET Imaging for CD20 Expression in Non-Hodgkin's Lymphoma**

SARCAN BOZKIR E. T., PAISEY S., Ruthardt M., ÖZER A. Y., MARSHALL C., HARTMAN N.

35th Annual Meeting of European Association of Nuclear Medicine, 15 - 19 October 2022, vol.49

**V. 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

**VI. 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

**VII. 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

**VIII. What Happens to Analgesic Tablets after X-Ray Exposure?**

SARCAN E. T., Taş A., SİLİNDİR GÜNAY M., ÖZER A. Y., Hekimoğlu B.

19th International Pharmaceutical Technology Symposium, Antalya, Turkey, 17 September 2018, pp.184-185

## **Supported Projects**

Sarcan E. T., Özer A. Y., Hartman N., Paisey S., Marshall C., Other International Funding Programs, DEVELOPMENT of RADIOPHARMACEUTICAL FORMULATIONS for IMAGING of NON HODGKIN'S LYMPHOMA, 2019 - 2021

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

## **Memberships / Tasks in Scientific Organizations**

Radyofarmasi Derneđi, Board Member, 2021 - Continues, Turkey

## Scientific Refereeing

JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, SCI Journal, May 2022

## Mobility Activity

Research Scholarship Program, Research During Graduate Education, University of Wales, Cardiff, England, 2020 - 2021  
Research Scholarship Program, Research During Graduate Education, University of Wales, Swansea, England, 2019 - 2020

## Metrics

Publication: 21

Citation (WoS): 81

Citation (Scopus): 94

H-Index (WoS): 5

H-Index (Scopus): 5

## Congress and Symposium Activities

International Multidisciplinary Symposium on Drug Research and Development (DRD 2023) , Attendee, İzmir, Turkey, 2023

20th European Symposium on Radiopharmacy & Radiopharmaceutical, Attendee, Verona, Italy, 2022

35th Annual Congress of the European Association of Nuclear Medicine- EANM'22, Attendee, Barcelona, Spain, 2022

20th International Pharmaceutical Technology Symposium, Attendee, Ankara, Turkey, 2022

33. Ulusal Nükleer Tıp Kongresi, Attendee, Ankara, Turkey, 2021

TUFTAD Farmasötik Teknolojlar Toplantısı, Attendee, Ankara, Turkey, 2021

Image Guided Radio/nuclide Therapy, Attendee, Vienna, Austria, 2020

FIP Congress, Attendee, Abu Dhabi, United Arab Emirates, 2019

The International Conference on Radiation Applications, Attendee, Belgrade, Serbia, 2019

## Scholarships

2224-A Yurt Dışı Bilimsel Etkinliklere Katılımı Destekleme Programı, TUBITAK, 2022 - 2022

2214A Yurt Dışı Doktora Sırası Araştırma Burs Programı , TUBITAK, 2019 - 2020

## Awards

Sarcan E. T., Taş A., Silindir Günay M., Özer A. Y., Hekimođlu B., Best Poster Contribution, The International Conference On Radiation Applications, December 2019

## Non Academic Experience

