

## Res. Asst. ELİF TUĞÇE SARCAN

### Personal Information

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### Education Information

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

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

### Certificates, Courses and Trainings

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

Health&Medicine, 79th FIP World Congress of Pharmacy and Pharmaceutical Sciences, FIP, 2019

Health&Medicine, The International Conference on Radiation Application , Sievert Association , 2019

Health&Medicine, 2nd International Gazi Pharma Symposium, Gazi University, 2017

### Research Areas

Radiopharmacy

### Academic Titles / Tasks

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

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

- I. **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, 2021 (Journal Indexed in SCI)
- II. **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 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI Expanded)

**IV. 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 (Journal Indexed in SCI)

**V. 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 (Journal Indexed in SCI)

**VI. 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 (Journal Indexed in SCI)

## Articles Published in Other Journals

**I. 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 (Other Refereed National Journals)

## Refereed Congress / Symposium Publications in Proceedings

**I. 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

**II. 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

**III. 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

**IV. 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

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

## Citations

Total Citations (WOS):40

h-index (WOS):3

## **Scholarships**

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

## **Awards**

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