

## Res. Asst. Mehmet Hafit Bayir

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-5821-4560

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### Education Information

Doctorate, Istinye University, School Of Medicine, Department Of Basic Medical Sciences (Medicine), Turkey 2023 - Continues

Postgraduate, Van Yüzüncü Yil University, Sağlık Bilimleri Enstitüsü, Histoloji ve Embriyoloji (YI) (Tezli) (Tıp), Turkey 2020 - 2023

Undergraduate, Suleyman Demirel University, Sağlık Bilimleri Fakültesi, Fizik Tedavi Ve Rehabilitasyon Bölümü, Turkey 2010 - 2014

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Medicine, Histology and Embryology, Health Sciences, Fundamental Medical Sciences

### Academic Titles / Tasks

Research Assistant, Van Yüzüncü Yil University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2021 - Continues

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

- Effect of Hesperidin on Sciatic Nerve Damage in STZ-Induced Diabetic Neuropathy: Modulation of TRPM2 Channel.**  
Bayir M. H., Yıldızhan K., Altındağ F.  
Neurotoxicity research, vol.41, pp.638-647, 2023 (SCI-Expanded)

### Articles Published in Other Journals

- The role of oxidative stress, apoptosis and altered TRPM2 channel activation in doxorubicin-induced liver injury; the protective effect of selenium**  
Yıldızhan K., Huyut Z., Altındağ F., Bayir M. H.

Acta Medica Alanya, vol.8, no.2, pp.118-124, 2024 (Peer-Reviewed Journal)

**II. The Effect of Quercetin Against Oxidative Stress and Possible Histopathological Changes Due to Bisphenol-A Exposure in Rat Ovary**

KOÇAK Y., ALTINDAĞ F., OKUMUŞ E., OTO G., BAYİR M. H., ALPARSLAN S.

Chronicles of Precision Medical Researchers, vol.4, no.3, pp.290-296, 2023 (Peer-Reviewed Journal)

**III. Evaluation of the Relationship Between Histopathological Findings in Appendectomy Specimens and Enterobius vermicularis Infection**

Aydemir S., İnceman M., Gümüş M., Cengiz Z. T., Bayir M. H., Yılmaz H.

J CLIN PRACT RES, vol.45, no.5, pp.463-473, 2023 (ESCI)

## Books & Book Chapters

**I. Understanding the Relationship Between Diabetic Neuropathy and TRPV1 Channel: A Systematic Review**

AHLATCI A., YILDIZHAN K., BAYİR M. H.

in: PIONEER AND INNOVATIVE STUDIES IN HEALTH SCIENCES, HATİPOĞLU Fatih, Editor, All Sciences Academy, pp.117-128, 2024

## Refereed Congress / Symposium Publications in Proceedings

**I. Understanding The Relationship Between Diabetic Neuropathy and TRPV1 Channel: A Systematic Review**

AHLATCI A., YILDIZHAN K., BAYİR M. H.

5th International Conference on Scientific and Academic Research, Konya, Turkey, 23 December 2024, vol.1, pp.335

**II. The increase of TRPM2 channel expression induces neuronal cell death and oxidative stress**

Bayir M. H.

8th International Brain Research School 22 - 28 May 2023, Isparta /Türkiye., Isparta, Turkey, 22 - 28 May 2023, vol.15, pp.13

**III. CORNU AMMONIS STRUCTURE AND CELLS IN THE HIPPOCAMPUS**

İğit T., Al Halboosi J. K. İ., Bayir M. H.

7 th INTERNATIONAL CONFERENCE ON MEDICAL & HEALTH SCIENCES July 06-08, 2023 Ordu, Türkiye, Ordu, Turkey, 6 - 08 June 2023, pp.1407-1408

**IV. THE ROLE OF THE N-ACETYL CYSTEINE IN THE TREATMENT OF NEURODEGENERATIVE DISEASES**

Iğit T., Al Halboosi J. K. İ., Kuşçu O., Bayir M. H.

VI. INTERNATIONAL HEALTH, ENGINEERING AND SCIENCES CONGRESS , Van, Turkey, 16 - 18 June 2023, pp.35-36

**V. Diabetic neuropathic pain mechanism: Role of oxidative stress and TRP channels**

Bayir M. H., Yıldızhan K., Altındağ F.

10th Cellular Neuroscience Days, Kastamonu, Turkey, 28 April 2023, vol.15, pp.25

**VI. Effect of Hesperidin on Sciatic Nerve Damage in STZ-induced Diabetic Neuropathy: Role of TRPM2 Channel**

Bayir M. H., Yıldızhan K., Altındağ F.

12.Uluslararası Tıp ve Sağlık Bilimleri Araştırmaları Kongresi, Ankara, Turkey, 18 - 19 March 2023, pp.452-453

## Metrics

Publication: 11

Citation (Scopus): 14

H-Index (Scopus): 1