

Prof. MÜRVET HAYRAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: H-5747-2013

ScopusID: 7004703103

Yoksis Researcher ID: 11731

Biography

Prof. Hayran MD, born in Edirne on May 5, 1961, graduated from Hacettepe University Faculty of Medicine in 1984. Dr. Mürvet Hayran made the state service obligation in Cizre Tuberculosis Dispensary, Cizre State Hospital Emergency Service, while working for TAI and Italian SAIPEM SpA. Occupational medicine has also fulfilled its duties. In 1990, she completed her specialist education at Hacettepe University, Anatomy Sub-department of the Morphology Department. She has completed the rotation in the Histology-Embryology Sub-Department of the Department of Morphology after her specialist education. She has completed courses in advanced general and special histology as a graduate student; she also finished a master's course in basic statistical concepts in cancer in 2014. Prof Hayran was appointed an instructor in 1991 and an assistant professor in 1992 in the Anatomy department of Hacettepe University Faculty of Medicine. Dr. Hayran also had a one-year training rotation for the Histology-Embryology Department. Prof Hayran received her associate professorship in 1995. In 2001, she was a member of the Cell Biology and Physiology Department of the University of Pittsburgh School of Medicine, Electron Microscope, CLSM techniques, and its use as a guest teaching staff at the Biological Imaging Center, and immunohistochemical techniques. She was appointed professor in 2002.

Prof. Hayran managed the microscopic anatomy lab, including the electron microscope unit and the Confocal Laser Scanning Microscope (CLSM) Laboratory. Prof Hayran, who has done her specialist thesis on "Cochlea's vascularization with light and stereomicroscopes", studies on the inner ear and nose microanatomy and clinical anatomy, as well as the scoring that can be used in studies on different tissues and organs in microscopic anatomy, and has also participated in the development of biomaterials and the field of medical use. It has 78 publications listed in SCI and over 1200 citations. The H-index is 21. Professor Mürvet Hayran, MD, was chairperson of Hacettepe University, Faculty of Medicine, Department of Anatomy. She retired in October 2015, driven by her desire to live in Izmir. She later returned to Ankara in February 2025 upon receiving an offer from Lokman Hekim University, and she has been continuing his work at this university since then.

Education

Expertise In Medicine, Hacettepe University, Tıp Fakültesi (İngilizce), Temel Tıp Bilimleri Bölümü, Turkey 1988 - 1990

Undergraduate, Hacettepe University, Tıp Fakültesi, Turkey 1978 - 1984

Foreign Languages

English

Dissertations

Expertise In Medicine, Cochlea'nın vaskularizasyonunun ışık ve stereomikroskopik incelenmesi, Hacettepe University, Tıp Fakültesi (İngilizce), Temel Tıp Bilimleri Bölümü, 1990

Research Areas

Natural Sciences, Engineering and Technology, Health Sciences

Academic Positions

Professor, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2025 - Continues

Professor, Izmir University Of Economics, 2017 - 2024

Professor, Izmir University, 2015 - 2015

Professor, Hacettepe University, Tıp Fakültesi, 2002 - 2015

Associate Professor, Hacettepe University, Tıp Fakültesi, 1995 - 2002

Assistant Professor, Hacettepe University, Tıp Fakültesi, 1992 - 1995

Lecturer, Hacettepe University, Tıp Fakültesi, 1991 - 1992

Academic and Administrative Experience

Izmir University Of Economics, 2022 - Continues

Izmir University, 2016 - Continues

Hacettepe University, 2011 - 2015

Hacettepe University, 2011 - 2015

Hacettepe University, 2011 - 2015

Hacettepe University, 2011 - 2015

Courses

Undergraduate

Anatomi, Undergraduate

ANATOMİ, Undergraduate

Undergraduate Minor

ANATOMİ, Undergraduate Minor

Mikroskopik Anatomi Teknikleri, Undergraduate Minor

Supervised Theses

HAYRAN M., Sağlıklı bireylerde cerebrum-diencephalon ve cerebellum hacimleri ile toplam intrakraniyal hacmin manyetik rezonans görüntüleme yöntemi ile değerlendirilmesi, Doctorate, N.MAS(Student), 2005

HAYRAN M., Normal diz ekleminde ligamentum collaterale mediale ve ligamentum colleterale lateralenin uzunlukları ve kalınlıklarının manyetik rezonans tekniği ile belirlenmesi ve bu ligamentlerin tendo musculi quadriceps, Doctorate, A.KONAN(Student), 1999

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Preantral follicle morphometry and ultrastructure of antral follicles in Anatolian Water Buffalo**
Baki Acar D., Birdane M. K., Tokyol Ç., GÖÇMEN KARABEKİR N. N., Hayran H. M., Özenç E., Aktepe F., Yazici E., Pir Yağci İ., Uçar M.
Turkish Journal of Veterinary and Animal Sciences, vol.47, no.5, pp.478-486, 2023 (SCI-Expanded)
- II. **Multidisciplinary case-based small group discussions to integrate basic medical sciences with clinical situations Temel Tıp Bilimlerini Klinik Durumlar ile Entegre Etmek İçin Multidisipliner Olgu Temelli Küçük Grup Oturumları**
Semin I., Soysal D. E., Seval-Celik Y., Hayran M., Demir A. B., Ozkaya A. B., Inan S. V., Akdogan G.
Turkish Journal of Biochemistry, vol.47, no.2, pp.187-190, 2022 (SCI-Expanded)
- III. **Microscopic study of human nasal cavity microanatomy using semi-thin resin embedding and methylene blue staining**
FIRAT A., Onerci-Celebi O., Tuncel A., Ergun M., Hayran M.
Journal of Histotechnology, vol.42, no.1, pp.13-18, 2019 (SCI-Expanded)
- IV. **A comparison of basilar artery diameters measured by T2WI and TOF MR angiography**
ÇELEBİOĞLU E. C., ALDUR M. M., Tunali S., Hayran M., Taoğlu A. B., Sargon F. M.
Surgical and Radiologic Anatomy, vol.39, no.11, pp.1243-1247, 2017 (SCI-Expanded)
- V. **Effects of pravastatin on cellular ultrastructure and hemorheology in rats after traumatic head injury**
Hazer D. B., BERKER M., Narin F., İLERİ GÜREL E., Basak A. T., Seringec N., Kaymaz F., Dikmenoglu N., Tuncel M.
Clinical Hemorheology and Microcirculation, vol.46, no.1, pp.1-11, 2010 (SCI-Expanded)
- VI. **Microscopic and electrophysiological changes on regenerating sciatic nerves of rats treated with simvastatin**
Daglioglu E., BERKER M., Demirci M., Tuncel M., KARABULUT E., Erbeni A.
Folia Neuropathologica, vol.48, no.1, pp.49-56, 2010 (SCI-Expanded)
- VII. **Morphological evaluation of rat incisor enamel and dentin induced by pregnancy and lactation using a scanning electron microscope**
Ozbek M., DURAL S., Kanli A., Tuncel M., ORHAN K.
Journal of Veterinary Medical Science, vol.71, no.10, pp.1273-1277, 2009 (SCI-Expanded)
- VIII. **Systemic Administration of Interleukin-10 Attenuates Early Ischemic Response Following Spinal Cord Ischemia Reperfusion Injury in Rats**
Oruckaptan H. H., Ozisik P., ATILLA P., Tuncel M., Kilinc K., ÖZDEMİR P., Basaran N., Yüksel E., ÖZCAN Ö.
Journal of Surgical Research, vol.155, no.2, pp.345-356, 2009 (SCI-Expanded)
- IX. **Evaluation of human brain volume by the tracing technique**
GÖÇMEN KARABEKİR N. N., Senan S., Firat M., Tuncel M., Basar R.
Neurosciences, vol.14, no.1, pp.96-97, 2009 (SCI-Expanded)
- X. **Antioxidant actions and early ultrastructural findings of thiopental and propofol in experimental spinal cord injury**
Kaptanoglu E., Sen S., Beskonakli E., Surucu H. S., Tuncel M., Kilinc K., Taskin Y.
Journal of Neurosurgical Anesthesiology, vol.14, no.2, pp.114-122, 2002 (SCI-Expanded)
- XI. **Comparison of the effects of and methylprednisolone in experimental spinal cord injury**
Kaptanoglu E., Tuncel M., Palaoglu S., Konan A., Demirpence E., Kilinç K.
Journal of Neurosurgery, vol.93, no.1 SUPPL., pp.77-84, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Cell signaling pathways related to epithelial mesenchymal transition in cancer metastasis**
Inana S., Hayran M.
Critical Reviews in Oncogenesis, vol.24, no.1, pp.47-54, 2019 (Scopus)
- II. **Göz içi Lens Opasitesi**
DURU N., DERELİ CAN G., AKÇAY E., ULUSOY D. M., GÜRDAL C., HAYRAN H. M., ÇAĞIL N.

Glokom Katarakt, vol.9, no.2, pp.147-149, 2014 (Peer-Reviewed Journal)

III. The Effect of Extracorporeal Electromagnetic Shock Waves on the Morphology and Contractility of Rabbit Ureter

Kirkali Z., ESEN A. A., Hayran M., Gencbay A., Gidener S., GÜVEN H., Gure A.

The Journal of Urology, vol.154, no.5, pp.1939-1943, 1995 (Scopus)

IV. Warm blood cardioplegia: Ultrastructural and hemodynamic study

Taşdemir O., Katircioğlu S. F., Küçükaksu D. S., Göl K., Hayran M., Keçeligil T., İbrişim E., Bayazit K.

The Annals of Thoracic Surgery, vol.56, no.2, pp.305-311, 1993 (Scopus)

Books

I. Bölüm 6. Hücre Ölümü

GÜL M., KURUŞ M., AKYOL BAHÇECİ S., İNAN V. S., HAYRAN H. M., DEMİR A. B., KOCAASLAN ATLI S., KAHYA M. C., SEVAL ÇELİK Y., KARTAL YANDIM M., et al.

in: HİSTOLOJİ Hücre, Doku, Sistemler, Teknikler, Moleküller, Laboratuvar, Klinik Yönleriyle Yaklaşımlar, Meltem Kuruş, Editor, Akademisyen Kitabevi, Ankara, pp.163-182, 2020

II. Electron microscopy and the nose

HAYRAN M.

in: Nasal Physiology and Pathophysiology of Nasal Disorders, Önerci M, Editor, Springer, pp.419-437, 2013

Papers Presented at Peer-Reviewed Scientific Conferences

I. Processus transversarium'larında costal elementleri olmayan olağandışı bir atlas olgusu

BAYLAN H., Yonguç G. N., HAYRAN H. M.

Uluslararası Katılımlı 17. Ulusal Anatomi Kongresi, Turkey, 5 - 09 September 2016, (Summary Text)

Metrics

Publication: 21

Citation (Scopus): 276

H-Index (Scopus): 8

Non Academic Experience

Hacettepe Üniversitesi Tıp Fakültesi Anatomi ABD, Prof. Dr.

Hacettepe Üniversitesi Tıp Fakültesi Anatomi ABD, Doç. Dr.

Hacettepe Üniversitesi Tıp Fakültesi Anatomi ABD, Yrd. Doç. Dr.

Hacettepe Üniversitesi Tıp Fakültesi Anatomi ABD, Öğretim Görevlisi Dr.

Hacettepe Üniversitesi Tıp Fakültesi Anatomi ABD, Ar. Gör. Dr.

SSK Ulus Hastanesi, Doktor

Cizre Verem Savaş Dispanseri, Doktor