

# Prof. ŞEFİK MURAT ARIKAN

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: S-4175-2018

ScopusID: 7004588942

Yoksis Researcher ID: 233641

## Biography

1971 yılında Ankara' da doğdum.1989 yılında TED Ankara Kolejinden mezun olduktan sonra, 1990 yılında Ankara Tıp Fakültesinde tıp eğitimime başladım. 1996 yılında, Ankara Üniversitesi Ortopedi ve Travmatoloji ABD'da ortopedi ihtisasa başladım.26.04.2001 tarihinde uzmanlığımı alarak aynı tarihte S.B Ankara Onkoloji Eğitim ve Araştırma Hastanesinde başasistan ünvanı ile göreve başladım, yine bu tarihte 2001 yılında İtalya'nın Bologna şehrinde 'Kas-İskelet Sistemi Patolojisi' temel kusuna katıldım. 2019 yılı başında Gazi Üniversitesi Tıp Fakültesi ABD'da Doçent ünvanı ile çalışmaya başladım.

## Education Information

Expertise In Medicine, Ankara University, Ankara Tıp Fakültesi, Turkey 1996 - 2001

Undergraduate, Ankara University, Tıp Fakültesi, Tıp Pr., Turkey 1990 - 1996

## Research Areas

Medicine

## Academic Titles / Tasks

Associate Professor, Gazi University, Tıp Fakültesi, Cerrahi Tıp Bilimleri, 2019 - Continues

Expert, Diğer (Kurumlar,hastaneler Vb.), Hastaneler, Ankara Dr. Abdurrahman Yurtaslan Onkoloji Eğitim Ve Araştırma Hastanesi, 2001 - 2019

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

- Total hip arthroplasty in patients with coxarthrosis due to developmental dysplasia of the hip: Is fixation of the subtrochanteric osteotomy necessary?**  
Atalar H., Baymurat A. C., Kaya İ., Tokgöz M. A., Tolunay T., Arikan Ş. M.  
JOINT DISEASES AND RELATED SURGERY, vol.34, no.3, pp.605-612, 2023 (SCI-Expanded)
- Protective effect of naringin against oxaliplatin-induced peripheral neuropathy in rats: A behavioral**

**and molecular study**

Semis H. S., Kandemir F. M., ÇAĞLAYAN C., Kaynar O., Genc A., Arıkan Ş. M.

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.36, no.9, 2022 (SCI-Expanded)

- III. **The protective effects of hesperidin against paclitaxel-induced peripheral neuropathy in rats**  
Semis H. S., KANDEMİR F. M., Kaynar O., Dogan T., ARIKAN Ş. M.  
LIFE SCIENCES, vol.287, 2021 (SCI-Expanded)
- IV. **The relationship of systemic inflammatory biomarkers and cardiac parameters with malignancy in patients with soft tissue tumors located in the extremity**  
TOLUNAY T., ARIKAN Ş. M., Ozturk R., Tolunay H.  
JOINT DISEASES AND RELATED SURGERY, vol.32, no.3, pp.698-704, 2021 (SCI-Expanded)
- V. **The infants who have mature hip on ultrasonography but have risk factors of developmental dysplasia of the hip are required radiographic examination**  
ATALAR H., ARIKAN M., TOLUNAY T., GÜNAY M. C., BÖLÜKBAŞI S.  
JOINT DISEASES AND RELATED SURGERY, vol.32, no.3, pp.598-604, 2021 (SCI-Expanded)
- VI. **Diagnostic and prognostic role of mean platelet volume and mean platelet volume/platelet ratio in the most common soft tissue sarcomas**  
ARIKAN Ş. M., Yapar A., Atalay I. B., Togral G., Pervane A., Gungor B. S.  
JOINT DISEASES AND RELATED SURGERY, vol.32, no.1, pp.204-209, 2021 (SCI-Expanded)
- VII. **Matrix induced autologous chondrocyte implantation in the knee: Comparison between osteochondritis dissecans and osteonecrosis and effect of chondrocyte thickness on prognosis**  
Aydin M., Yorubulut M., Basarir K., Arıkan M., Binnet M. S.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.54, no.1, pp.66-73, 2020 (SCI-Expanded)
- VIII. **Comparative evaluation of the electrophysiological, functional and ultrastructural effects of alpha lipoic acid and cyanocobalamin administration in a rat model of sciatic nerve injury**  
Horasanli B., Hasturk A. E., ARIKAN Ş. M., Togral G., Helvacioğlu F., Dagdeviren A., Mut S., HARMAN F., Argun G.  
JOURNAL OF BACK AND MUSCULOSKELETAL REHABILITATION, vol.30, no.5, pp.967-974, 2017 (SCI-Expanded)
- IX. **Serum and knee synovial fluid matrix metalloproteinase-13 and tumor necrosis factor-alpha levels in patients with late stage osteoarthritis**  
Ozler K., Aktas E., Atay C., Yilmaz B., ARIKAN Ş. M., Gungor S.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.50, no.6, pp.670-673, 2016 (SCI-Expanded)
- X. **Adult acetabulo - pelvic parameters in Turkish society: A descriptive radiological study**  
Aydin M., Kircil C., Polat O., ARIKAN Ş. M., Erdemli B.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.50, no.6, pp.623-627, 2016 (SCI-Expanded)
- XI. **A rare case of chondroblastoma of the acromion**  
ARIKAN Ş. M., Togral G., Yildirim A., Irkkan C.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.50, no.6, pp.691-693, 2016 (SCI-Expanded)
- XII. **Histomorphometric and Ultrastructural Evaluation of Long-Term Alpha Lipoic Acid and Vitamin B12 Use After Experimental Sciatic Nerve Injury in Rats**  
ARIKAN Ş. M., Togral G., Hasturk A. E., Horasanli B., Helvacioğlu F., Dagdeviren A., Tekindal M. A., Parpucu M.  
TURKISH NEUROSURGERY, vol.26, no.6, pp.944-952, 2016 (SCI-Expanded)
- XIII. **Serum and knee synovial fluid matrix metalloproteinase-13 and tumor necrosis factor-alpha levels in patients with late-stage osteoarthritis**  
Ozler K., Aktas E., Atay C., Yilmaz B., ARIKAN Ş. M., Gungor S.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.50, no.3, pp.356-361, 2016 (SCI-Expanded)
- XIV. **Musculoskeletal Hydatid Cysts Resembling Tumors: A Report of Five Cases**  
Togral G., ARIKAN Ş. M., Ekiz T., Kekec A. F., Eksioğlu M. F.  
ORTHOPAEDIC SURGERY, vol.8, no.2, pp.246-252, 2016 (SCI-Expanded)
- XV. **Chondromyxoid fibroma of the pubic ramus: a case report and literature review**  
ARIKAN Ş. M., Todral G., Yildirim A., Aktas E.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.50, no.1, pp.115-119, 2016 (SCI-Expanded)
- XVI. **Potential neuroprotective effect of Anakinra in spinal cord injury in an in vivo experimental animal**

## **model**

Hasturk A. E., Yilmaz E. R., Turkoglu E., ARIKAN Ş. M., Togral G., Hayirli N., Erguder B. I., Evirgen O.  
NEUROSCIENCES, vol.20, no.2, pp.124-130, 2015 (SCI-Expanded)

- XVII. **Surgical management of bone metastases from urological malignancies: an analysis of 70 cases**  
Togral G., ARIKAN Ş. M., Aktas E., Ozturk R., Guven O., Eksioglu F.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.49, no.6, pp.634-640, 2015 (SCI-Expanded)
- XVIII. **Ewing's sarcoma of the proximal phalanx of the foot: A rare case report**  
Togral G., ARIKAN Ş. M., Benzer E., Gungor S.  
HIPPOKRATIA, vol.19, no.1, pp.82-84, 2015 (SCI-Expanded)
- XIX. **Impact of oxidative stress on early postoperative knee function and muscle injury biochemical markers: Is it possible to create an ischemic preconditioning effect in sequential ischemic surgical procedures?**  
Aktas E., Atay C., DEVECİ M. A., ARIKAN Ş. M., Togral G., Yildirim A.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.49, no.4, pp.387-393, 2015 (SCI-Expanded)
- XX. **Positive effect of tadalafil, a phosphodiesterase-5 inhibitor, on fracture healing in rat femur**  
Togral G., ARIKAN Ş. M., KORKUSUZ P., Hesar R. H., Eksioglu M. F.  
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.26, no.3, pp.137-144, 2015 (SCI-Expanded)
- XXI. **Giant myxoinflammatory fibroblastic sarcoma with bone invasion: a very rare clinical entity and literature review**  
Togral G., Ankan M., Aktas E., Gungor S.  
CHINESE JOURNAL OF CANCER, vol.33, no.8, pp.406-410, 2014 (SCI-Expanded)
- XXII. **Painful scoliosis due to superposed giant cell bone tumor and aneurysmal bone cyst in a child**  
Togral G., ARIKAN Ş. M., Hasturk A. E., Gungor S.  
JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B, vol.23, no.4, pp.328-332, 2014 (SCI-Expanded)
- XXIII. **Incidentally diagnosed giant invasive sacral schwannoma Its clinical features and surgical management without stability**  
Togral G., ARIKAN Ş. M., Hasturk A. E., Gungor S.  
NEUROSCIENCES, vol.19, no.3, pp.224-228, 2014 (SCI-Expanded)
- XXIV. **Management and retrospective analysis of primary and metastatic sacral tumors and infections: evaluation with 73 cases**  
ARIKAN Ş. M., Togral G., Hasturk A. E., Aktas E., Gungor S.  
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.25, no.3, pp.126-132, 2014 (SCI-Expanded)
- XXV. **Comparison of the Effects of Low Volume Prilocaine and Alkalinized Prilocaine for the Regional Intravenous Anesthesia Technique in Hand and Wrist Surgery**  
Kapusuz O., Argun G., ARIKAN Ş. M., Togral G., Basarir A., Kadiogullari N.  
BIOMED RESEARCH INTERNATIONAL, vol.2014, 2014 (SCI-Expanded)
- XXVI. **Delayed diagnosis of acute leukemia in a patient with bone pain and fracture**  
Ozturkmen S., Akyay A., Bicakci Z., Karakoc Y., ARIKAN Ş. M., Celebi-Tayfur A., Agladioglu S., Olcay L.  
TURKISH JOURNAL OF PEDIATRICS, vol.52, no.5, pp.552-555, 2010 (SCI-Expanded)
- XXVII. **Our clinical experience on calcaneal bone cysts: 36 cysts in 33 patients**  
Polat O., Saglik Y., Adiguzel H. E., ARIKAN Ş. M., Yildiz H. Y.  
ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY, vol.129, no.11, pp.1489-1494, 2009 (SCI-Expanded)
- XXVIII. **Bilateral Capitellum Humeri Fracture ; a Case Report**  
Polat O., ARIKAN Ş. M., Gungor S., Karatas M.  
ACTA CHIRURGICA BELGICA, vol.109, no.5, pp.647-650, 2009 (SCI-Expanded)
- XXIX. **Multiple cystic pulmonary metastases from osteosarcoma**  
Songur N., Karakas A., ARIKAN Ş. M., Demir S., Bozkurt A., Ucaner A.  
RESPIRATION, vol.72, no.4, pp.418, 2005 (SCI-Expanded)
- XXX. **Squamous cell carcinoma arising in chronic osteomyelitis in foot and ankle**

- Altay M., ARIKAN Ş. M., Yildiz Y., Saglik Y.  
FOOT & ANKLE INTERNATIONAL, vol.25, no.11, pp.805-809, 2004 (SCI-Expanded)
- XXXI. **Water-lily sign on MR imaging of primary intramuscular hydatidosis of sartorius muscle**  
Comert R., AYDINGÖZ Ü., Ucaner A., ARIKAN Ş. M.  
SKELETAL RADIOLOGY, vol.32, no.7, pp.420-423, 2003 (SCI-Expanded)
- XXXII. **Squamous cell carcinoma arising in chronic osteomyelitis**  
Saglik Y., ARIKAN Ş. M., Altay M., Yildiz Y.  
INTERNATIONAL ORTHOPAEDICS, vol.25, no.6, pp.389-391, 2001 (SCI-Expanded)
- XXXIII. **The contribution of vitamin C to healing of experimental fractures**  
Yimaz C., Erdemli E., Selek H., Kinik H., ARIKAN Ş. M., Erdemli B.  
ARCHIVES OF ORTHOPAEDIC AND TRAUMA SURGERY, vol.121, no.7, pp.426-428, 2001 (SCI-Expanded)
- XXXIV. **Medial subtalar dislocation**  
Kinik H., Oktay O., ARIKAN Ş. M., Mergen E.  
INTERNATIONAL ORTHOPAEDICS, vol.23, no.6, pp.366-367, 1999 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Comparison of Mortality Rates and Functional Scores of Proximal Femur Nail and Partial Hip Arthroplasty in Intertrochanteric Femur Fractures: A Retrospective Study PFNA ve Parsiyel Kalça Artroplastisi Uygulanan İntertrokanterik Femur Kırıklarının Mortalite Oranları ve Fonksiyonel Skorlarının Karşılaştırılması: Retrospektif Çalışma**  
Tepedelenlioğlu H. E., Orhan Ö., Aydın M., Polat Y., Uslu M. B., ARIKAN Ş. M.  
Gazi Medical Journal, vol.34, no.3, pp.327-332, 2023 (ESCI)
- II. **Forty-year radiological follow-up of a patient undergoing bilateral developmental dysplasia of the hip surgery: A joint with remodeling capacity**  
Arıkan Ş. M.  
Joint Diseases and Related Surgery Case Reports, vol.1, pp.75-78, 2022 (Peer-Reviewed Journal)
- III. **Multi-centric Giant Cell Tumor of the Bone: A Rare Case Report**  
Tepedelenlioglu H. E., Ulucakoy C., KÖKTÜRK A., TOLUNAY T., ARIKAN Ş. M.  
GAZI MEDICAL JOURNAL, vol.33, no.3, pp.279-282, 2022 (ESCI)
- IV. **Residual Symptoms After Carpal Tunnel Decompression and Treatment With Gabapentin: A Multicenter Study**  
Aydın M., Argun G., Acar B., ARIKAN M., Cinaroglu S., Mert A., Togral G., Demirtas M.  
CUREUS, vol.13, no.9, 2021 (ESCI)
- V. **Management of chondrosarcomas localized to phanaxes**  
ÖZTÜRK R., ÖZANLAĞAN E., ARIKAN Ş. M., GÜNGÖR B. Ş., EKŞİOĞLU F.  
ANNALS OF CLINICAL AND ANALYTICAL MEDICINE, vol.11, no.3, 2020 (ESCI)
- VI. **KEMİĞE NADİR METASTAZ YAPAN TÜMÖRLER**  
ARIKAN Ş. M., TOLUNAY T., ÖZTÜRK R.  
TOTBİD, 2019 (Peer-Reviewed Journal)
- VII. **RETROSPECTIVE ANALYSIS OF HIP FRACTURES OF ONCOLOGIC PATIENTS OPERATED WITH REGIONAL ANESTHESIA: RISK FACTORS AND THEIR EFFECT ON MORTALITY**  
Argun G., Oguz D., Misirlioglu M., ARIKAN Ş. M., Aydın M., Unver S.  
NOBEL MEDICUS, vol.13, no.2, pp.63-69, 2017 (ESCI)
- VIII. **Management of Sacral Tumors Requiring Spino-Pelvic Reconstruction with Different Histopathologic Diagnosis: Evaluation with Four Cases**  
ARIKAN Ş. M., Togral G., Hasturk A. E., Kekec F., Parpucu M., Gungor S.  
ASIAN SPINE JOURNAL, vol.9, no.6, pp.971-977, 2015 (ESCI)
- IX. **The Efficacy of Platelet Rich Plasma Combined with Steroid Injection in the Treatment of Resistant Lateral Epicondylitis**

Aktaş E., Yılmaz B., ATAÖĞLU M. B., Arıkan M., Güray T., Murat İ.

Acta Oncologica Turcica, vol.47, no.3, pp.26-31, 2014 (Peer-Reviewed Journal)

- X. **Acceleration of coxarthrosis by an exostosis causing femoroacetabular impingement**  
AYTEKİN M. N., ATALAR H., YANIK B., arıkan m.  
Health, 2010 (Scopus)
- XI. **Gelişimsel kalça displazisinin Pavlik bandajı ile konservatif tedavisindeki önemli noktalar**  
ATALAR H., Arıkan M., YAVUZ O. Y., KINIK H. H., ŞAYLI U.  
Türkiye Klinikleri J Med sci, 2005 (Peer-Reviewed Journal)

## Books

### I. ORTOPEDİK ONKOLOJİ

ARIKAN Ş. M., MISIRLIOĞLU M., ATALAY B., PAZARCI Ö.

in: MILLER ORTOPEDİ GÖZDEN GEÇİRME 2019, CEM NURİ ALPTEKİN, Editor, GÜNEŞ TIP KİTAPTEVLERİ, pp.706-746, 2020

## Papers Published in Refereed Scientific Meetings

- I. **Crowe Tip 4 gelişimsel kalça displazisi sekeli koksartrozlu hastalarda subtrokanterik femoral kısaltma osteotomisi sonrası ek tespit materyali gerekli olmayabilir**  
ATALAR H., BAYMURAT A. C., KAYA İ., TOKGÖZ M. A., TOLUNAY T., ARIKAN Ş. M.  
31. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, 25 - 30 October 2022
- II. **Aynı hasta, aynı kemik, komşu iki farklı tümöral lezyon**  
öztürk r., ARIKAN Ş. M., TOLUNAY T.  
29. Ulusal Türk Ortopedi ve Travmatoloji Kongres, Turkey, 22 - 27 October 2019
- III. **Ekstremitelerdeki semptomatik malign periferik sinir kılıftümörleri: 29 vakanın retrospektif analizi**  
MISIRLIOĞLU M., BELTİR G., BULUT K., ARIKAN Ş. M., GÜNGÖR B. Ş.  
28. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Sözlü Bildiriler, Turkey, 30 October - 04 November 2018
- IV. **Basit düşme sonrası yaşlı hastada, izole bilateral radius başı kırığı**  
MISIRLIOĞLU M., BULUT K., BELTİR G., ÖZTÜRK R., YILMAZ S., ARIKAN Ş. M.  
28. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Turkey, 30 October - 04 November 2018
- V. **The Importance of Diffusion ADC values in the Evaluation of Soft Tissue Sarcomas After Treatment**  
AKTAŞ E., ARIKAN Ş. M., ARDIÇ F., ŞAHİN B., KARAKAYA KARABULUT J., TOĞRAL G., ARIBAŞ B. K.  
European Society for Surgical Research 53rd edition Madrid ESSR2018 May 30th - June 2nd, 30 May - 01 June 2018
- VI. **Upper extremity localized Nora's lesion: Analysis of 2 cases**  
ÖZTÜRK R., ARIKAN Ş. M.  
16th National Congress of the Turkish Society for Surgery of the Hand and Upper Extremity and 5th National Congress of the Hand Therapist Society, May 6-9 2018, Pamukkale, Denizli, Turkey, Turkey, 6 - 09 May 2018

## Supported Projects

Arıkan Ş. M., Tepedelenlioğlu E., Ayvaz M., Project Supported by Other Private Institutions, moment tümör kalça protezi ürünlerinin önemli klinik araştırma kapsamında klinik değerlendirilmesi, 2022 - 2024

## Activities in Scientific Journals

Eklem Hastalıkları Ve Cerrahisi-Joint Diseases And Related Surgery, Committee Member, 2020 - Continues

## Peer Reviews in Scientific Publications

Joint Diseases and Related Surgery, SCI Journal, December 2024  
Joint Diseases and Related Surgery, SCI Journal, June 2024  
Joint Diseases and Related Surgery, SCI Journal, June 2024  
Joint Diseases and Related Surgery, SCI Journal, April 2024  
Joint Diseases and Related Surgery, SCI Journal, March 2024  
Joint Diseases and Related Surgery, SCI Journal, October 2023  
Joint Diseases and Related Surgery, SCI Journal, September 2023  
Joint Diseases and Related Surgery, Journal Indexed in SCI-E, September 2023  
Joint Diseases and Related Surgery, Journal Indexed in SCI-E, August 2023  
Joint Diseases and Related Surgery, SCI Journal, August 2023  
Joint Diseases and Related Surgery, SCI Journal, April 2023  
Joint Diseases and Related Surgery, SCI Journal, March 2023  
Joint Diseases and Related Surgery, Journal Indexed in SCI-E, March 2023  
Joint Diseases and Related Surgery, SCI Journal, February 2023  
Joint Diseases and Related Surgery, SCI Journal, February 2023  
EKLEM HASTALIKLARI VE CERRAHISI, National Scientific Refreed Journal, December 2022  
EKLEM HASTALIKLARI VE CERRAHISI, National Scientific Refreed Journal, November 2022  
EKLEM HASTALIKLARI VE CERRAHISI, National Scientific Refreed Journal, September 2022  
EKLEM HASTALIKLARI VE CERRAHISI, National Scientific Refreed Journal, August 2022  
EKLEM HASTALIKLARI VE CERRAHISI, National Scientific Refreed Journal, June 2022  
EKLEM HASTALIKLARI VE CERRAHISI, National Scientific Refreed Journal, May 2022  
EKLEM HASTALIKLARI VE CERRAHISI, National Scientific Refreed Journal, April 2022  
EKLEM HASTALIKLARI VE CERRAHISI, National Scientific Refreed Journal, January 2022  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, Journal Indexed in SCI-E, January 2015

## Metrics

Publication: 69  
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