

Yavuz Nuri Ertaş is currently an Associate Professor at the Department of Biomedical Engineering in Ercives University. He received the Ph.D. degree in Biomedical Engineering from the University of California, Los Angeles (UCLA) in 2017. From 2017 to 2020, he was a Postdoctoral Researcher in the Department of Chemistry at UCLA. Since 2020, he has been working at the Biomedical Engineering department in Erciyes University and directing an interdisciplinary laboratory (www.ertaslab.com) at Erciyes University Nanotechnology Research and Application Center (ERNAM). He is a recipient of the International Fellowship for Outstanding Researchers Program (TÜBİTAK 2232) in 2020. He was awarded the 2023 Health Institutes of Türkiye (TÜSEB) Incentive Award for contributions to the fields of nanomedicine and biomaterials, and the 2023 Turkish Academy of Sciences Outstanding Young Scientist Award (TÜBA-GEBİP) in the field of nanotechnology. He also received the 2024 Scientific and Technological Research Council of Türkiye (TÜBİTAK) Incentive Award, the highest level of recognition for a young scientist in Türkiye. Dr. Ertaş conducts multidisciplinary research in the areas of 3D-Bioprinting, Biomaterials, Tissue Engineering, Nanoparticle Synthesis and Medical Applications, Drug Delivery, Radiotherapy, and Micro/Nano Fabrication and has authored close to 100 scientific international papers. His specific research interests include the development of nanoparticles as contrast agents for magnetic resonance imaging, the production of innovative nanomaterials with antibacterial activity, the development of biomaterials for wound dressing and tissue regeneration applications, and the use of nanotechnology in cancer therapies such as chemotherapy, photothermal, photodynamic, chemodynamic, magnetic hyperthermia and radiotherapy.