



Mohammad Hossein Ebrahimi
2020 OARSI Scholarship



From

**Department of technical physics,
University of Eastern Finland
Kuopio, Finland**



**UNIVERSITY OF
EASTERN FINLAND**

To

**Department of Clinical Sciences Lund,
Lund University
Lund, Sweden**



**LUNDS
UNIVERSITET**

In September 2022, I traveled from my home institution at the University of Eastern Finland to the Lund University in Sweden. I had the privilege to meet and work with Professor Martin Englund's group at Clinical Epidemiology unit as well as Associate Professor Patrik Önerfjord's group at Molecular Skeletal Biology unit. The collaborative project focused on studying the human cartilage mechanical and compositional properties at different stages of osteoarthritis. I had the opportunity to get familiar with Lund Biobank and the related facilities. Then, we performed a set of proteomics measurements. This was very interesting to me, as my background is in engineering, and this scholarship allowed me to learn about new techniques like mass spectrometry measurements. The visit opened up new exciting opportunities for me to look at osteoarthritis from a different point of view. I also learned about biostatistics methods from biostatisticians in epidemiology group. The collaborative project has led to exciting results on association of compositional and functional properties of healthy and osteoarthritic human cartilage and has brought together three universities in Finland and Sweden in a novel collaboration that hopefully will continue.

I am extremely grateful to OARSI and my host institution for this great opportunity. I highly encourage doctoral students, postdocs and research fellows to apply for this scholarship.

