



Incidence of osteoarthritis (OA) has increased by 9% in the last 28 years. Prevalence of OA is reported to be 16.1% and it is more common in low-and middle-income countries.

It has been reported that 240 million individuals worldwide have symptomatic OA and this rate is especially higher in women over the age of 60. Knee joint OA was detected in 654.1 million people over the age of 40 in 2022 and its incidence was reported to be 203 per 10 thousand people.

There is a need to develop a reliable and economical biomarker-based approach that can provide rapid results at the bedside of the patient in order to diagnose OA as early as possible. Monitoring the success of treatments also seems to be essential. This issue was also addressed within the scope of the European Union's OActive project (<https://www.oactive.eu/>) in 2018 and was supported with a budget of nearly five million Euros.

In line with the aforementioned objectives, we have implemented a project to identify biomarkers associated with OA. The chondROMICS project is granted by the Technological and Scientific Council of Türkiye (TÜBİTAK) under the EU COST Action "CA21110 - Building an open European Network on OsteoArthritis research (NetwOArk)" with the project number 223S509 Current project information is available at [www.chondromics.org](http://www.chondromics.org).

**Project Title / 223S509:** Development of a new Immobilized Metal Affinity Chromatography (IMAC) Sorbent for Phosphopeptide Enrichment for Monitoring the Diagnosis, Course, and Treatment of Osteoarthritis and Implementing the Omic Mapping of Synovial Fluid in Proteomic, Metabolomic and Lipidomic Studies.



## Multi Omics in Personalized Medicine Workshop with International Collaboration

This workshop is organized in the context of TÜBİTAK #223S509 Project ([chondromics.org](http://chondromics.org)), EU COST CA21110 Building an open European Network on OsteoArthritis Research (NetwOArk) ([netwoark.eu](http://netwoark.eu)) Action and the Mobility ([mobility.net.tr](http://mobility.net.tr)) Project Proposal

NetwOArk  
The European Network on OsteoArthritis

Mobility chondROMICS



## Multi Omics in Personalized Medicine Workshop with International Collaboration

**SAVE THE DATE** **17 March 2025**  
Monday

**Register Now!**

Registration is **free of charge** and it is **limited to 40 participants**. First come will be served first.

For registration we are waiting your e-mail that **contain name, surname, job title and mobile phone number** to [chondromics@gmail.com](mailto:chondromics@gmail.com). After that you will informed with confirmation status.



TÜSEB Aziz Sancar Research Center  
Yeni Bayındır, Mavi Göl Cad.  
No:5 06270 Mamak/Ankara



Workshop Program



[chondromics.org](http://chondromics.org)

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