

ERN Support and Training programme- WP17- EJP RD

Report Workshop “Comprehensive gene profiling, Molecular Tumor Board (MTB) and Artificial Intelligence in the diagnosis and treatment of patients with rare adult cancers”

Date/Venue/Format

Date: 29-30 September 2022, Venue: Turku University Central Hospital Turku, Finland, Hybrid.

Numbers (participants, speakers, ERNs represented, patient representatives)

110 persons in total, 100 on site and 10 by videoconference

Workshop summary:

An international workshop was organized from 29th to 30th of September 2022 at Turku University Central Hospital in cooperation between the FICAN West Cancer Center, Turku University Central Hospital and ERN (European Reference Network). Workshop focused on gene profiling of cancer, molecular tumor board activities in gene-guided cancer treatment and artificial intelligence (COMPREHENSIVE GENE PROFILING, MOLECULAR TUMOR BOARD (MTB) AND ARTIFICIAL INTELLIGENCE IN THE DIAGNOSIS AND TREATMENT OF PATIENTS WITH RARE ADULT CANCERS). The workshop was directed to clinicians involved in cancer treatment, specialists involved in cancer diagnostics, researchers, and students. The speakers at the event were top experts from the Nordic countries, the Netherlands and United States. In addition, Finnish speakers and experts from the FICAN West Cancer Center played a significant role in the implementation of the workshop. The workshop was funded by ERN, which allowed 16 participants from all over Europe to participate in the event. In the workshop, both foreign and local participants were also able to present challenging patient cases of rare cancers and received valuable comments from experts on patient cases in MTB discussion. The training can be included as part of the studies required for a specialist and a Doctor of Philosophy degree. In total, about 110 people attended the two-day event. The topics of the workshop are very current when considering how individual cancer treatment and gene profiling should be developed in different countries at the local and national level. The workshop significantly increased participants' awareness of the topics covered and built local, national and international cooperation.

