



APPLIED RESEARCH

PERSONALISED ONCOLOGY:

ALLIANCE AGAINST CANCER AND CNAF AGREEMENT

An agreement of the highest scientific value aimed at a first, significant completion of the National Personalised Oncology Programme, has been signed between the Alliance Against Cancer

(AAC) and CNAF, the National Institute for Nuclear Physics Centre for research and development in the field of information technology applied to nuclear physics and high energy experiments. The partnership represents an important step forward for implementation of perhaps the most futuristic and visionary AAC project among those announced by the Minister of Health, Roberto Speranza: creating a national database in which clinical data and information from the "omics analyses" of patients treated in Research Hospitalization and Treatment Institutes (IRCCS) that are members of AAC (26 research hospitals) will be centralised. The aim, in the future, is to make it accessible to all the National Health System facilities. CNAF, one of the leading public players in the sector, will make its technology available to host AAC's data acquisition IT platform, which will allow information to be analysed faster and in a more complex manner than in the past, allowing doctors to identify the best treatment for each patient. CNAF will provide AAC with a state-of-the-art cloud infrastructure based on technologies that can manage and share big data in healthcare simply and effectively according to current legislation. A service that will be supported by a consultancy activity specialised in the management and security of the software. For this task, CNAF works with the Politecnico di Milano, which plays an integral part in the design of the IT platform. ■