



**RESEARCH TOPIC CLI7
RISK-IT**

Research Area

Medical Area

Clinical Unit name

Department of Cardiovascular Medicine

Supervisor

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Abstract

The candidate's project will focus on the integration between genetics, imaging and clinical data for building a risk score for the prediction of cardiovascular events in the general population. The candidate will be in charge of the generation of a clinical database of the study approved by the Ministry of Health project named RISK-IT for Humanitas; the candidate will be part of the team who will recruit patients and perform the follow-up. Interaction with genetics is fundamental for patient sample handling and for implementing the polygenic risk score to the clinical profile of the patient. Training in cardiology specialty (the candidate needs to have finished at least the third year of specialty in cardiology) is needed.

Scientific references

<https://www.nature.com/articles/s41591-024-02796-z>

Nat Cardiovasc Res. 2022; 1(11): 965–967 10.1038/s44161-022-00154-1

<https://www.nature.com/articles/nrg.2016.160>

Type of contract

Contract for continuative and coordinated service of at least € 26.000 activated Istituto Clinico Humanitas. This sum is subject to IRPEF income tax.

Contratto collaborazione coordinata e continuativa (cococo) pari ad almeno € 26.000 annui lordi attivato da Istituto Clinico Humanitas. Importo soggetto a tassazione IRPEF.