



Director: Prof. Alessandro M. Vannucchi

The laboratory for the Study of Myeloproliferative Neoplasms is functionally integrated in the Center of Research and Innovation of Myeloproliferative Neoplasms –CRIMM. It is located in a new building, "Cubo 3", in the University Hospital Careggi area, Florence. CRIMM includes an advanced molecular diagnostic laboratory, a translational research lab, and a Clinical Trial Unit to complement routine patients' care.

Policy is centered on a *patient-focused* approach, integrating clinical and translational research activities.

The Laboratory



The laboratory occupies 500 square meters, with separate rooms for specific applications, including:

1. Next-gen sequencing
2. Molecular biology
3. Flow cytometry and cell cultures
4. Protein biology
5. Animal facilities

Clinical Research

Clinical activities include inwards and outpatients services, currently serving >700 patients with myeloproliferative neoplasms. A well structured Clinical Trial Unit has gained extensive experience in phase I/IV clinical trials and contributed to several seminal studies, including registration trials, beyond developing IITs. Over 40 intervention clinical trials have been conducted in the past 5 years.



V. Ariu (*biotechnologist*)
M. Balliu (*biotechnologist*)
N. Bartalucci (*biotechnologist*)
L. Calabresi (*biotechnologist*)
G. Coltro (*medical doctor*)
E. Contini (*bioinformatician*)
G. Corbizi Fattori (*biotechnologist*)
T. Fanelli (*biotechnologist*)
A. Franci (*study nurse*)
F. Gesullo (*biotechnologist*)
P. Gugliemelli (*hematologist*)
G.G. Loscocco (*medical doctor*)
C. Mannarelli (*biologist*)
F. Mannelli (*hematologist*)
I.M. Marone (*data manager*)
A. Pacilli (*biotechnologist*)
A. Pancrazzi (*biologist*)
C. Paoli (*clinical study coord.*)
G. Rotunno (*biotechnologist*)

Personnel Involved

