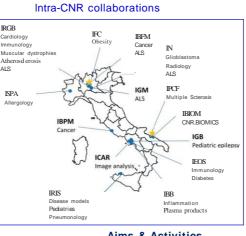


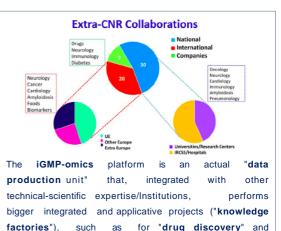
## Molecular Profiles for Biomedical Investigations in Pediatric: Integrated Genomics, Metabolomics & Proteomics (iGMPomics) platform

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## Introduction

require Translational studies multi disciplinary knowledge and technologies. including the studies on molecular profiles. In this context, CNR-ITB has competitive instruments and expertise useful to develop extensive investigations on personalized integrating medicine. Genomics Platform Metabolomics and Proteomics (iGMP-omics), coupled to systems biology. In particular, iGMP-omics develops specific molecular-based tools, taking advantages from the availability of extended bioinformatics expertise present at ITB.

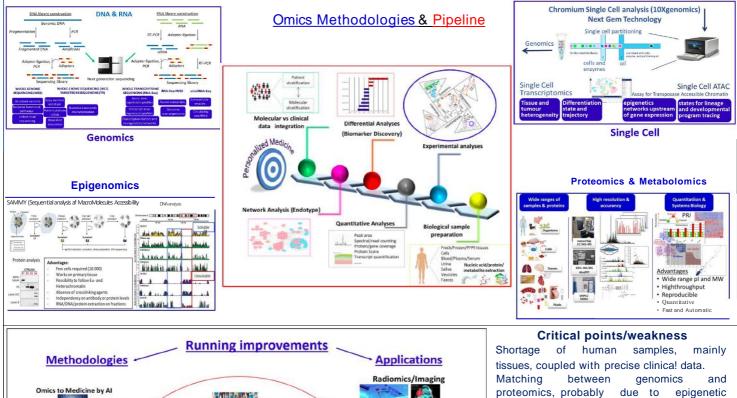


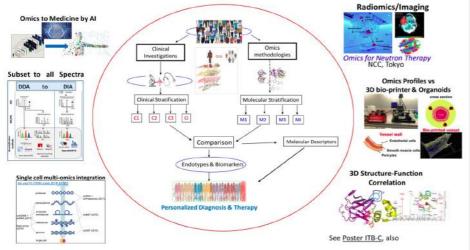


"biomarker discovery".



The main focus of iGMP-omics platform concerns translational investigations on prevention, diagnosis and early detection, as well as therapies, including the studies of mechanisms of diseases (endotypes). The iGMP-omics team collaborates, applying its molecular point of view, with hospitals, academics and companies to investigate human diseases, including pediatric conditions and disorders such as, autism spectrum disorder, Duchenne dystrophy, Wiskott-Aldrich syndrome, Dravet syndrome, Hutchinson-Gilford Progeria syndrome, inflammation and oxidative stress.





We are not here to comb the dolls!

stabilization

flir

issues, such as histones PTMs and miRNAs.

and progression, of contributors for years

including

development of expertise and

paths.

Replacement of Instrumentations

International Grants to be increased.

Networks

Gesellschaft

ProteomiZ discussion groups.

European Proteomics Amyloid Network,

BorNeutroneneinfangtherapie (DGBNCT)

Career

projects.

EPAN.

CNR .Biomics-

Elixir EPTRI

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the