# Metabolomics, precision medicine and why health shouldn't wait

Together with genomics and other omics, metabolomics can make the precision medicine a reality in a daily doctor practice and can radically change the clinical diagnosis. The personalised prevention, the prediction, the tailor-made treatments are not possible without a holistic approach like systemic biology - of which metabolomics are an important part- to deeply understand the health and disease status. Although mostly present in the research field and still poorly used in the clinical field for several reasons, identifying and overcoming these barriers within the best delays is become crucial to revolutionize the current medical practice in an unprecedented way. Moreover, metabolomics will allow healthcare to move from a static approach with few data points of tests measurements in time to a more dynamic system, where biological data will be more meaningful not only because of its monitoring but also because it will be interpreted within a real life context, at individual but also populational level.

The numerous challenges to make clinical applications of metabolomics a reality require a close collaboration between academia, doctors and industry in a more efficient and innovant way. Metabolomics will become the norm in the clinical practice in 10 years, hopefully earlier. But 10 years, in millions of people's lives, means a lot and it is our mission, researchers, scientist doctors, clinicians and other healthcare actors to move things faster and better.

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