

SEMINAR

Thursday, 20.6.2024, 13:00, Kolar's Lecture Hall

Is precision medicine the answer to disease treatment?

Prof. Annalisa Chiocchetti

Precision medicine is a groundbreaking approach to disease treatment and prevention that takes into account individual variability in genes, environment, and lifestyle for each person. This method stands in contrast to the traditional one-size-fits-all approach to medicine, where treatments and medications are developed with the average patient in mind. Nevertheless, we are far from it, and continued research, investment in healthcare infrastructure and policies are essential for realizing the full potential of this approach. This will take a long time and will not be achievable by 2030 as initially hoped. Great efforts have been undertaken to identify alternative approaches. One, involves organ on chip technology, that allows to model individual variability on a small 3D cell culturing platform. Will this be the answer to the huge unmet clinical need of selecting the right drug for the right patient? A tentative response in this lecture.

Kindly invited.