



SHAPING THE FUTURE OF PEDIATRICS

20 - 22
SEPTEMBER
2017
Rome
Italy



Bambino Gesù
OSPEDALE PEDIATRICO

www.mcascientificevents.eu/shapingthefuture2017

THE CONFERENCE IS ORGANIZED IN FOUR SESSIONS DEDICATED TO MAJOR THEMES:

OMICS AND PERSONALIZED MEDICINE: a session dedicated to understanding how genomics and the link between genotypes and phenotypes can help making a diagnosis and predicting and choosing the optimal therapy. The ultimate tools for treating genetic diseases and overcoming the frontiers of traditional medicine in complex syndromes will be discussed. Finally, speakers will focus on personalized therapies, metagenomics and system medicine.

BIG DATA AND DIGITAL INTEGRATION: we will talk about how to deal with multiple data streams for pediatric care and about how to simulate heart surgery with virtual reality and 3D printing. We will present data on the application of artificial intelligence to image analysis. Finally, we will approach how to get the best from continuous follow-up in patients with diabetes.

PATIENTS AND PARTICIPATORY MEDICINE: we will discover how patients can be engaged in a powerful partnership with researchers and clinicians and inspire innovations in healthcare. We will focus on the quantified self, patient platforms and patient autonomy and how patients can communicate digitally. Finally, we will approach the challenge of data privacy and data protection from the patient's point of view.

THE INNOVATION CYCLE IN PEDIATRICS: we will host a competition between innovative solutions for pediatrics from a selection of start-ups. We will discuss about how to systematically apply the principles of innovation and how the interactions between clinic, research, and industry can fertilize innovation in pediatrics.



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