

## **Medical Genetics in Digital Transformation**

Markus Hengstschläger (Medical University Vienna)

Predictive analytics and artificial intelligence applied for the interpretation of whole human genome data obtained via next generation sequencing offer a tremendous chance for the development of new therapeutic strategies. However, this current merger between biotechnology and information technology also calls for biological as well as ethical discussions regarding the definition of health and disease. We all are genetic individuals, and the vast majority of that, what defines an individual human being, is the result of nature and nurture.