

PLENARY SESSION 5: Predict: what and how?

O5.1

No abstract available

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Augmented Intelligence in the clinical set of Precision Oncology – A IBM Watson perspective

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Watson for Genomics is a cloud-based tool that can help clinicians deliver precision medicine to cancer patients by providing evidence-based tumor analysis and therapeutic options. Watson for Genomics is trained and validated in collaboration with more than 20 leading cancer institutes and diagnostics labs world-wide. Watson uses relevant information extracted from massive volumes of medical literature and clinical trials to provide a genetic analysis of a patient's cancer-causing mutations. Watson's report includes recommendations for potential targeted therapies that are relevant to the unique DNA profile of a patient's tumor. Using Watson for Genomics, clinicians are empowered with insights to create personalized treatment plans for their cancer patients.

This session will discuss how a cognitive tool like Watson speeds up the analysis of sequenced DNA in a clinical set and working side by side with clinicians, increase the number of cancer patients that can have access to genomic analysis.

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