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Roche & Bristol Myers Squibb advance personalised healthcare with digital pathology solutions

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Collaboration builds on commitment to advance personalised healthcare by helping to improve access to new treatment options for patients with solid tumours



Roche has entered into a collaboration with Bristol Myers Squibb to support the advancement of two assays for use in clinical trials with the development and deployment of two new digital pathology algorithms.

In the first project under this collaboration, Roche Digital Pathology is creating an AI-based image analysis algorithm to aid pathologists in interpreting the on-market VENTANA PD-L1 (SP142) Assay. Bristol Myers Squibb will use this algorithm to generate biomarker data from clinical trial samples.

In the second project, Roche will leverage its recently announced Open Environment collaboration with PathAI to integrate a PathAI-developed algorithm for CD8 biomarker analysis into the NAVIFY Digital Pathology workflow software. The AI-powered algorithm will be used by Bristol Myers Squibb to analyse clinical trial samples that have been stained with Roche's CD8 assay and generate quantitative spatial biomarker data.

Data from both projects will be used to aid in cancer diagnosis and to advance personalised healthcare treatment options, with the aim of improving outcomes for patients.