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(54) **Title:** METHODS AND COMPOSITIONS FOR INTEGRATED IN SITU SPATIAL ASSAY

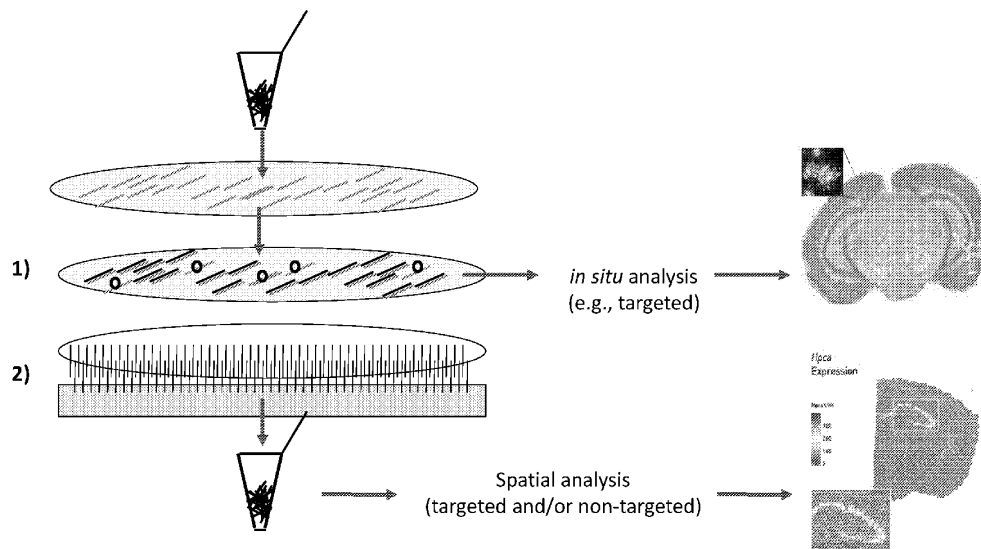


FIG. 1

(57) **Abstract:** Provided herein is an integrated assay of a biological sample comprising an in situ assay module and a spatial assay module. The in situ assay comprises analyzing binding between nucleic acid probes and a first analyte at a spatial location of the biological sample. The method further comprises providing conditions to allow spatially barcoded capture agents to capture a second analyte for analysis in the spatial assay module.

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