CANCER DISCOVERY

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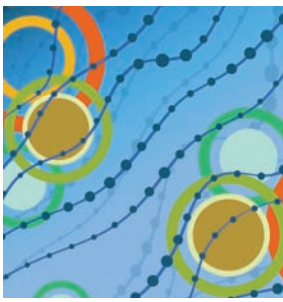
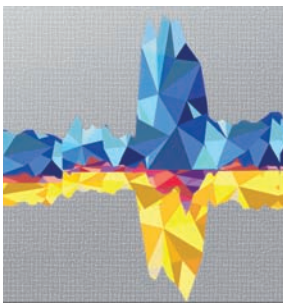

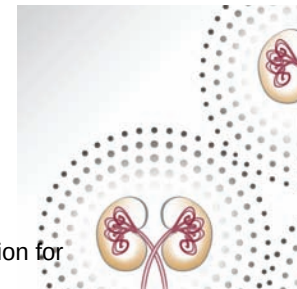

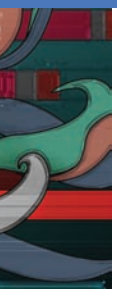

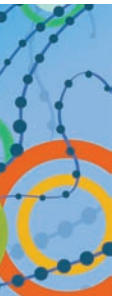

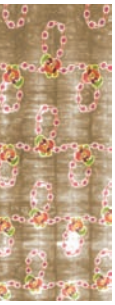


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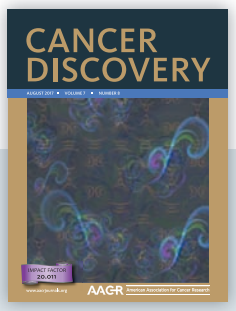

ON THE COVER The American Association for Cancer Research (AACR) launched the Genomics, Evidence, Neoplasia, Information, Exchange (GENIE) project in partnership with eight academic institutions to promote sharing of integrated clinical and genomic data from patients with cancer. Data from participating centers include matched clinical and genomic data from a variety of tumor types that are harmonized and made accessible in the cBioPortal for Cancer Genomics. Initial Project GENIE results suggest that more than 30% of tumors harbor potentially clinically actionable mutations. This platform allows for integration of clinical data from electronic health records and increased statistical power to facilitate cancer precision medicine research. The establishment of infrastructure to integrate genomic and clinical data may aid selection of therapeutic targets and biomarkers of treatment and response in patients with cancer to improve patient outcomes. For details, please see the article by The AACR Project GENIE Consortium on page 818.

AACR American Association for Cancer Research

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