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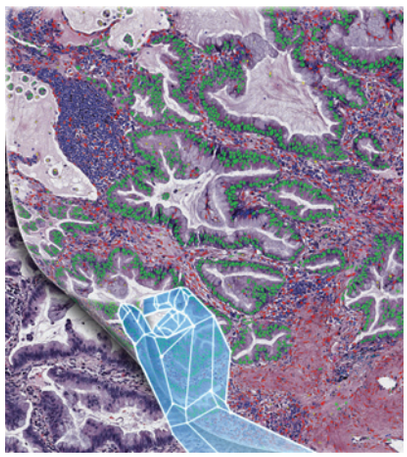

Pathology images of tumor tissues provide detailed information on the different types of cells that constitute the tumor microenvironment. Artificial intelligence can automatically and accurately identify and stain the nuclei of tumor cells, stromal cells, lymphocytes, macrophages, blood cells, and karyorrhexis from pathology images of lung adenocarcinoma. The computational power aids in clinical diagnosis and enables the quantification of tumor microenvironment-related features that correlate with patient survival and the gene expression of biological pathways. For details, see article by Wang and colleagues on page 2056.

AACR American Association for Cancer Research

Cancer Research

The Journal of Cancer Research (1916–1930) | The American Journal of Cancer (1931–1940)

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