Cancer Immunology Research

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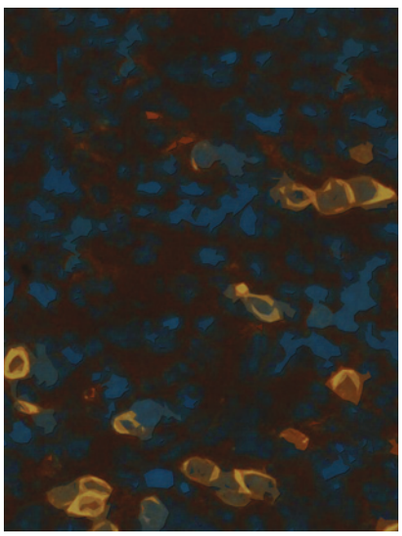
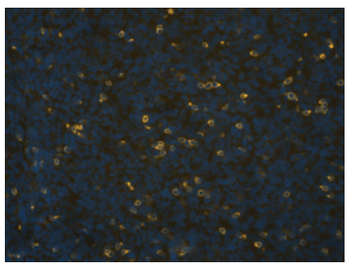
ABOUT THE COVER

Syngeneic mouse models are used extensively to acquire a better understanding of tumor–immune system interactions and the effects of immunotherapeutic interventions. Because selection of the most suitable mouse model for a particular study is not always straightforward, Mosely et al. compared the tumor microenvironment of a number of syngeneic tumor model systems in immunocompetent mice for genomic signatures and immunophenotype. An example of the tumor microenvironment, the CT26 tumor model shown on the far right, illustrates the presence of $CD3^+$ T cells infiltrating the tumor. Visualized with immunohistochemistry, the T cells are identified with an antibody to CD3 and detected with the Alexa-568 fluorochrome (pale yellow). The DNA in cell nuclei is labeled blue with DAPI. Read more in the article by Mosely et al. in this issue of *Cancer Immunology Research*, starting on page 29. Images provided by Arthur Lewis and Lee Brown, Translational Sciences Pathology, MedImmune. Artwork by Lewis Long.





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