Cancer Immunology Research

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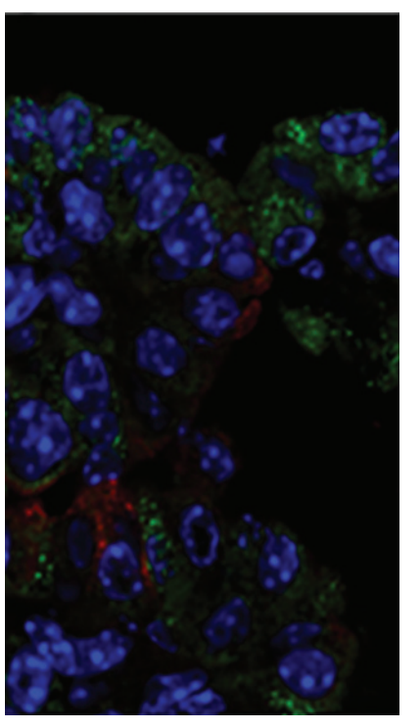
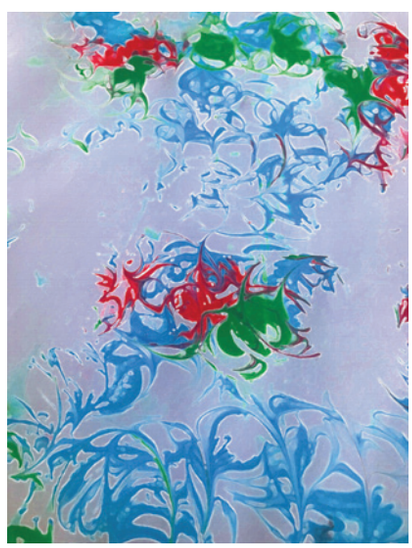
ABOUT THE COVER

Inflammation is a known driver of some cancers, and cytokines involved in this tumor-promoting process are being investigated. However, the role of IL22, a cytokine present in patients' primary lung tumors and sera, has yet to be rigorously investigated. Khosravi et al. establish IL22 as an essential promoter of *KRAS* mutant lung cancer and identify the mechanism of tumor promotion by IL22. Comparison of mice with and without this cytokine showed that IL22's absence significantly reduced infiltration of tumor-supportive inflammatory cells into lung tumors and was detrimental to tumor proliferation, angiogenesis, and stemness. Thus, a lack of IL22 enhances antitumor responses and reduces tumor burden. Read more in this issue on page 788. Original immunofluorescence image from Fig. 5A. Artwork by Lewis Long.





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