January 1, 2021 | Volume 81 | Number 1

CANCER RESEARCH

TABLE OF CONTENTS

BREAKING INSIGHTS

OBITUARY

REVIEWS

CANCER RESEARCH HIGHLIGHTS

GENOME AND EPIGENOME

MOLECULAR CELL BIOLOGY

TABLE OF CONTENTS

TUMOR BIOLOGY AND IMMUNOLOGY

See related commentary, p. 35

TRANSLATIONAL SCIENCE

TABLE OF CONTENTS

CONVERGENCE AND TECHNOLOGIES

AC icon indicates Author Choice
For more information please visit www.aacrjournals.org

ABOUT THE COVER

Quantitative analysis of lung metastases in mouse cancer models can be troublesome, often requiring laborious tissue sectioning. In a B16F10 melanoma cell colonization model, cells were injected into tail veins of mice and their lungs collected after two weeks. The left lung lobes were processed, optically cleared, and scanned in 3D using optical projection tomography. This provided a novel method to accurately quantify the volume and number of melanoma cell colonies from whole mouse lungs. For details, see the article by Kapiainen and colleagues on page 129.