Molecular Cancer Therapeutics

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AACR American Association for Cancer Research

April 2019 • Volume 18 • Issue 4

Highlights of This Issue 731

SMALL MOLECULE THERAPEUTICS

CANCER BIOLOGY AND TRANSLATIONAL STUDIES

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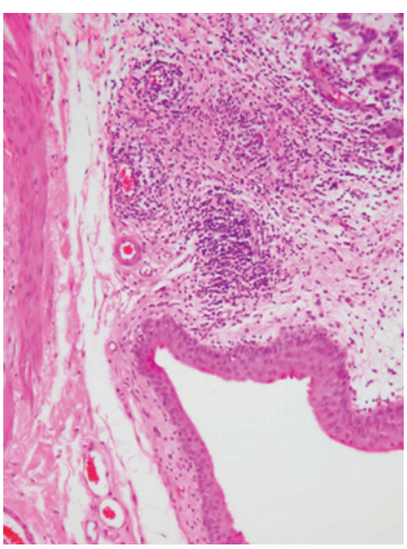
CORRECTION

RETRACTION

ABOUT THE COVER

Currently, the recommended therapy for muscle-invasive urothelial cancer includes radical cystectomy with or without chemotherapy. In an attempt to develop an organ-sparing therapy, Berndt-Paetz and colleagues demonstrate the use of photodynamic therapy (PDT) in an orthotopic rat model. PDT with the near-infrared photosensitizer Tetrahydroporphyrin-Tetratosylat generated inflammation (at center) in the urothelial tumor (top right corner) without damaging the surrounding urothelium (lower left), submucosal tissue (lower left), or bladder smooth muscle (upper left). Their results suggest PDT is worthy of clinical consideration in muscle-invasive urothelial cancer.



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18 (4)

Mol Cancer Ther 2019;18:731-869.