**Clinical Response to a Lapatinib-Based Therapy for a Li-Fraumeni Syndrome Patient with a Novel HER2 \(^{V659E}\) Mutation**


Précis: Tumors of a patient with a germline \(TP53\) mutation were found to harbor alterations in either \(EGFR\) or \(HER2\) and were responsive to targeted therapy with lapatinib.

**Androgen Receptor Signaling Regulates DNA Repair in Prostate Cancers**


Précis: Antiandrogen therapy suppresses androgen receptor-mediated induction of DNA repair genes, resulting in increased DNA damage and enhanced radiosensitivity of prostate cancer cells.

**A Hormone–DNA Repair Circuit Governs the Response to Genotoxic Insult**

J.F. Goodwin, M.J. Schiewer, J.L. Dean, R.S. Schrecengost, R. de Leeuw, S. Han, T. Ma, R.B. Den, A.P. Dicker, F.Y. Feng, and K.E. Knudsen

Précis: Androgen receptor activation in response to DNA damage promotes double-strand break repair via DNAPKcs and confers resistance to genotoxic insult in advanced prostate cancer.

**Small RNAs Deliver a Blow to Ovarian Cancer**

A. Kasinski and F.J. Slack

See article, p. 1302

**Androgen Receptor Signaling Fuels DNA Repair and Radioresistance in Prostate Cancer**

J. Bartek, M. Mistrik, and J. Bartkova

See article, p. 1245

See article, p. 1254

**Tumor-Promoting and -Suppressive Roles of Autophagy in the Same Mouse Model of Braf \(^{V600E}\)-Driven Lung Cancer**

S. Chen and J.-L. Guan

See article, p. 1272

**Misregulation of Pre-mRNA Alternative Splicing in Cancer**

J. Zhang and J.L. Manley

See article, p. 1228

**In The Spotlight**

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ON THE COVER
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