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1033 Rnd3 in Cancer: A Review of the Evidence for Tumor Promoter or Suppressor
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1054 Cooperative Dynamics of AR and ER Activity in Breast Cancer
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1159 Melatonin Represses Metastasis in Her2-Positive Human Breast Cancer Cells by Suppressing RSK2 Expression
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ABOUT THE COVER
In this issue, D’Amato and colleagues (page 1054) provide a new understanding of the interplay between androgen receptor and estrogen receptor, the two most widely-expressed hormone receptors in breast cancer. The image on the cover is a visualization of estrogen receptor ChIP-seq signal following 1 hour estradiol treatment alone or in the presence of the anti-androgens enzalutamide or MJC13. Columns represent estradiol alone (left), estradiol plus enzalutamide (center), or estradiol plus MJC13 (right). By inhibiting nuclear localization of androgen receptor, both anti-androgens significantly diminish ER chromatin binding, explaining their ability to inhibit estrogen-driven breast cancer in preclinical models.
Molecular Cancer Research

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