Q&A: Antoni Ribas on Neoadjuvant Studies

Speeding Discoveries with Neoadjuvant Studies

The Science of Biosimilars

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In The Spotlight

A Spotlight from Prostate Cancer

Cancer Cell Metabolism: There Is No ROS for the Weary

Functional Metabolic Screen Identifies 6-Phosphofructo-2-Kinase/ Fructose-2,6-Biphosphatase 4 as an Important Regulator of Prostate Cancer Cell Survival

The Role of the PGE2–Aromatase Pathway in Obesity-Associated Breast Inflammation

Negative Feedback and Adaptive Resistance to the Targeted Therapy of Cancer

Imaging Androgen Receptor Signaling with a Radiotracer Targeting Free Prostate-Specific Antigen

Positive Feedback and Negative Feedback

Précis: A PSA-targeted radiotracer specifically localizes to prostate tumors and bone metastases and quantifies responses to antiandrogen therapy.

Précis: PFKFB4 regulates the balance between glycolysis and the pentose phosphate pathway to maintain redox homeostasis in prostate cancer cells.
Metformin Accelerates the Growth of BRAF<sup>V600E</sup>-Driven Melanoma by Upregulating VEGF-A ................. 344
M.J. Martin, R. Hayward, A. Viros, and R. Marais

Précis: Metformin promotes BRAF-mutant melanoma growth via VEGF-A induction, but synergizes with VEGF inhibitors to suppress tumor growth.

Increased Levels of COX-2 and Prostaglandin E<sub>2</sub> Contribute to Elevated Aromatase Expression in Inflamed Breast Tissue of Obese Women ................. 356

Précis: Obesity-related breast inflammation increases aromatase activity and may therefore underlie an increased risk of hormone receptor-positive breast cancer.

Telomeric Allelic Imbalance Indicates Defective DNA Repair and Sensitivity to DNA-Damaging Agents ................. 366

Précis: Increased allelic imbalance extending to the telomeres predicts response to platinum-based chemotherapy and may identify patients with defective DNA repair.

Correction

Correction: Genomic Complexity and AKT Dependence in Serous Ovarian Cancer ................. 376