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HUMAN CANCER BIOLOGY

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Increase in Cholesterol Predicts Survival Advantage in Renal Cell Carcinoma Patients Treated with Temsirolimus

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Jean-Pierre Gillet, Anna Maria Calcagno, Sudhir Varma, Ben Davidson, Mari Bunkholt Elstrand, Ram Ganapathi, Aparna A. Kamat, Anil K. Sood, Suresh V. Ambudkar, Michael V. Seiden, Bo R. Rueda, and Michael M. Gottesman

ABOUT THE COVER

Aberrant L1 cell adhesion molecule (L1CAM) affects tumor behavior and chemosensitivity in anaplastic thyroid carcinoma (ATC). L1CAM is highly expressed in ATC cells, but not in nodular hyperplasia or papillary thyroid carcinoma (PTC) cells. L1CAM plays an important role in the aggressiveness of ATC by enhancing proliferation, migration, invasion, and chemoresistance. Photomicrograph showing immunohistochemical staining for L1CAM in PTC tissue. 200X magnification. For details, see the article by Kim and colleagues on page 3071 of this issue.