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AZ960, a Novel Jak2 Inhibitor, Induces Growth Arrest and Apoptosis in Adult T-Cell Leukemia Cells
Jing Yang, Takayuki Ikezoe, Chie Nishioka, Mutsuo Furihata, and Akihito Yokoyama

Specific Alterations of MicroRNA Transcriptome and Global Network Structure in Colorectal Carcinoma after Cetuximab Treatment
Marco Ragusa, Alessandra Majorana, Luisa Statello, Marco Maugeri, Loredana Salito, Davide Barbagallo, Maria Rosa Guglielmino, Laura R. Duro, Rosario Angelica, Rosario Caltabiano, Antonio Biondi, Maria Di Vita, Giuseppe Privitera, Marina Scala, Alessandro Cappellani, Enrico Vasquez, Salvatore Lanzafame, Francesco Basile, Cinzia Di Pietro, and Michele Purrello

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Phase I Clinical Trial of MPC-6827 (Azixa), a Microtubule Destabilizing Agent, in Patients with Advanced Cancer
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MOLECULAR MEDICINE IN PRACTICE

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Acknowledgment to Reviewers

ABOUT THE COVER

Aldehyde dehydrogenase-1A1 (ALDH1A1) is heterogeneously expressed in multiple tumors. Cells with ALDH1A1 activity have been shown to have increased tumorigenicity, differentiation capacity, and chemoresistance. To confirm that the spotty heterogeneous expression of ALDH1A1 was not being visualized in tumor-infiltrating macrophages, frozen patient samples were subjected to dual immunohistochemistry against ALDH1A1 (DAB/brown) and CD68 (a pan-macrophage marker, Ferangi Blue), where distinct populations are noted. Landen and colleagues show that increased ALDH1A1 expression was associated with poor survival and is a viable target for therapy in preclinical models of ovarian cancer. For details, see article by Landen and colleagues on page 3186.