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Molecular Pathways

1410  Molecular Pathways: HER3 Targeted Therapy
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CCR Focus

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1419  Developing Precision Medicine in a Global World
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1428  Evidence of Clinical Utility: An Unmet Need in Molecular Diagnostics for Patients with Cancer

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1453  FDA Perspective on Companion Diagnostics: An Evolving Paradigm
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1469  The Health Technology Assessment of Companion Diagnostics: Experience of NICE
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HUMAN CANCER BIOLOGY

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1489  DNA Topoisomerase III Alpha Regulates p53-Mediated Tumor Suppression
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PREDICTIVE BIOMARKERS AND PERSONALIZED MEDICINE

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CORRECTION

1706 Correction: Carbonic Anhydrase IX Promotes Tumor Growth and Necrosis In Vivo and Inhibition Enhances Anti-VEGF Therapy

ABOUT THE COVER
The cover shows a section of an intracranial glioblastoma (GBM). GBM cells express the fluorescent protein citrine (green) and the high-mobility group protein B1 (HMGB1) fused to the red fluorescent protein cherry. In living cells HMGB1 is located in the nucleus; upon cell death, HMGB1 is translocated to the cytoplasm and is eventually secreted. Circulating levels of HMGB1 may constitute a noninvasive surrogate biomarker of therapeutic efficacy. For details, see the article by Candolfi and colleagues on page 1555 of this issue.