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Nicola Personeni, Lorenza Rimassa, and Armando Santoro

Bone-Related Complications and Quality of Life in Advanced Breast Cancer: Results from a Randomized Phase III Trial of Denosumab versus Zoledronic Acid

Myeloma-Specific Multiple Peptides Able to Generate Cytotoxic T Lymphocytes: A Potential Therapeutic Application in Multiple Myeloma and Other Plasma Cell Disorders
Jooeun Bae, Robert Smith, John Daley, Naoya Mimura, Yu-Tzu Tai, Kenneth C. Anderson, and Nikhil C. Munshi

About the Cover
Wright–Giemsa-stained cytopsin of early passages of TLBR-2 cells in culture. This cell line derived from an aggressive breast implant–associated T-cell CD30⁺ ALK⁺ anaplastic large cell lymphoma (ALCL) shows typical morphologic features, including enlarged nuclei with frequent mitotic figures, multiple prominent nucleoli, pale cytoplasm with vesiculation, and occasional multinucleated giant cells (original magnification, ×400). Along with TLBR-1 and -3, it represents a new model for breast implant–associated ALCL and is characterized by a near triploid karyotype, specific chemotherapy drug sensitivities, and high expression of several pathway signals including Notch1, survivin, antiapoptotic genes, IL-6 and IL-2 autocrine cytokines, and STAT3, which seem to be associated with the oncogenesis and growth for these unique cancers. For details, see the article by Lechner and colleagues on page 4549 of this issue.