

This week in techniques

| Approach | Summary | Licensing status | Publication and contact information |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Markers | | | |
| CD8 ⁺ T cell counts to predict breast cancer patient survival | <p>Studies suggest that levels of CD8⁺ T cells could help predict breast cancer patient survival. In a retrospective analysis of primary breast tumor samples from over 1,300 patients, greater numbers of tumor stromal CD8⁺ T cells significantly correlated with increased patient survival ($p < 0.05$). In estrogen receptor-negative and HER2 (EGFR2; ERBB2; neu)-negative breast cancers, increased stromal CD8⁺ T cell counts also were significantly associated with greater patient survival ($p < 0.001$). Ongoing work includes developing methods for measuring CD8⁺ T cell counts in patients.</p> <p>SciBX 4(17); doi:10.1038/scibx.2011.500 Published online April 28, 2011</p> | Unpatented; unavailable for licensing | <p>Mahmoud, S.M.A. <i>et al.</i> <i>J. Clin. Oncol.</i>; published online April 11, 2011; doi:10.1200/JCO.2010.30.5037 Contact: Andrew R. Green, The University of Nottingham, Nottingham, U.K. e-mail: andrew.green@nottingham.ac.uk</p> |