

5. Mettivier G, Montesi MC, Russo P. First images of a digital autoradiography system based on a Medipix2 hybrid silicon pixel detector. *Phys Med Biol*. 2003;48:N173–181.
6. Charpak G, Dominik W, Zaganidis N. Optical imaging of the spatial distribution of beta-particles emerging from surfaces. *Proc Natl Acad Sci USA*. 1989;86:1741–1745.
7. Chen L, Gobar LS, Knowles NG, Liu Z, Gmitro AF, Barrett HH. Direct imaging of radionuclide-produced electrons and positrons with an ultrathin phosphor. *J Nucl Med*. 2008;49:1141–1145.
8. Vu NT, Zeta T, Comin-Anduix B, et al. A β -camera integrated with a microfluidic chip for radioassays based on real-time imaging of glycolysis in small cell populations. *J Nucl Med*. 2011;52:815–821.
9. Lanièce P, Charon Y, Dumas S, et al. HRRI: a high resolution radioimager for fast, direct quantification in situ hybridization experiments. *Biotechniques*. 1994;17:338–345.
10. Pratx G, Chen K, Sun C, et al. Radioluminescence microscopy: measuring the heterogeneous uptake of radiotracers in single living cells. *PLoS ONE*. 2012;7:e46285.
11. Rust MJ, Bates M, Zhuang X. Sub-diffraction-limit imaging by stochastic optical reconstruction microscopy (STORM). *Nat Methods*. 2006;3:793–795.
12. Gibson SF, Lanni F. Experimental test of an analytical model of aberration in an oil-immersion objective lens used in three-dimensional light microscopy. *J Opt Soc Am A*. 1992;9:154–166.
13. Mitchell GS, Gill RK, Boucher DL. In vivo Cerenkov luminescence imaging: a new tool for molecular imaging. *Phil Trans R Soc A*. 2011;369:4605–4619.
14. Hedley DW. Flow cytometry using paraffin-embedded tissue: five years on. *Cytometry*. 1989;10:229–241.
15. Meng LJ, Fu G, Roy EJ, Suppe B, Chen CT. An ultrahigh resolution SPECT system for I-125 mouse brain imaging studies. *Nucl Instrum Meth A*. 2009;600:498–505.
16. Soesbe TC, Lewis MA, Slavine NV, Richer E, Bonte FJ, Antich PP. High-resolution photon counting using a lens-coupled EMCCD gamma camera. *IEEE Trans Nucl Sci*. 2010;57:958–963.
17. Nagarkar VV, Shestakova I, Gaysinskiy V, Singh B, Miller BW, Bradford Barber H. Fast x-ray/ γ -ray imaging using electron multiplying CCD-based detector. *Nucl Instrum Meth A*. 2006;563:45–48.
18. Miller BW, Barrett HH, Furenlid LR, Bradford Barber H, Hunter RJ. Recent advances in BazookaSPECT: real-time data processing and the development of a gamma-ray microscope. *Nucl Instrum Meth A*. 2008;591:272–275.
19. Peng Q, Holland SE, Choong WS, Budinger TF, Moses WW. Real-time quantitative ex vivo direct autoradiography with 10 μ m pixel resolution. *Conf Proc IEEE Eng Med Biol Soc*. 2011:6273–6276.

Erratum

In the article “Assessment of Treatment Response in Patients with Glioblastoma Using *O*-(2-¹⁸F-Fluoroethyl)-L-Tyrosine PET in Comparison to MRI,” by Galldiks et al. (*J Nucl Med*. 2012;53:1048–1057), the abstract mistakenly stated, “Receiver-operating-characteristic analysis showed that a decrease of the TBR(max) between FET-1 and FET-2 of more than 20% predicted poor survival. . . .” However, such a decrease in fact predicted favorable survival, not poor survival. The authors regret the error.