JNNN

Enhancing SPECT cardiac accuracy: Gewirtz offers perspective on efforts to improve diagnostic accuracy in SPECT myocardial imaging, including the alternative promise of PET myocardial perfusion, and previews a related article in this issue of JNM......Page 1813

Pheochromocytoma/paraganglioma and ¹⁸F-FLT PET/CT: Blanchet and colleagues evaluate this PET proliferation tracer in a series of patients

Comparative modalities in breast and prostate cancer: Minamimoto and colleagues evaluate the use of combined ¹⁸F-NaF/¹⁸F-FDG PET/CT in patients with breast and prostate cancer and compare results with those from ^{99m}Tc-MDP bone scintigraphy and whole-body MRI.....*Page 1862*

Human kinetic modeling of ¹¹C-GSK215083: Parker and colleagues describe the quantification and pharmacologic selectivity of this 5HT6 PET ligand in healthy volunteers and its use to measure occupancies achieved at various doses of a novel 5HT6......Page 1901 Binding-potential ¹¹C-PiB PET: Hosokawa and colleagues ask whether binding-potential images using ¹¹C-Pittsburgh compound B and dynamic PET can reliably detect cortical amyloid deposits in patients with ambiguous ¹¹C-PiB static images and whether visual ratings are affected by white matter retention......Page 1910

Photoacoustic imaging of tumor vasculature: Bohndiek and colleagues assess the potential of in vivo photoacoustic tomography for direct functional measurement of ovarian tumor response to antiangiogenic therapy with trebananib in mice....Page 1942

Reference levels in nuclear medicine: Alessio and members of the SNMMI Dose Optimization Task Force provide an overview of the roles of diagnostic reference levels and achievable doses in nuclear medicine practice, guidelines, and education... Page 1960