JNM

Theranostic nanoparticles: Chen and colleagues provide an overview of the current and prospective status of these multifunctional nanosystems, including challenges in highly specific targeting of tumors..... Page 1919

Customer satisfaction: Hicks offers perspective on results of surveys that seek the opinion of referring clinicians about oncologic ¹⁸F-FDG PET/CT reporting and previews an article on this topic in this issue of *JNM.........Page 1923*

Perception of PET/CT misinterpretation:

Karantanis and colleagues detail results of a study designed to collect pertinent information from physicians referring patients for oncologic ¹⁸F-FDG PET/CT, with surprising findings about clinicians' most frequent complaint...... Page 1925

International use of PET in DLBCL: Carr and colleagues report on a multinational study of PET for risk stratification in diffuse large B-cell lymphoma and ask whether biologic and health care system diversity influence response as assessed by interim PET.....Page 1936

PET and SPECT in dementia: O'Brien and colleagues investigate the comparative diagnostic accuracy of ¹⁸F-FDG PET and HMPAO SPECT in individuals with Alzheimer disease or dementia with Lewy bodies... *Page 1959*

¹²³I-CLINDE SPECT: Feng and colleagues provide a method for and documentation of

Scintigraphic imaging of endocarditis: Rouzet and colleagues compare the respective performances of ¹⁸F-FDG PET and leukocyte scintigraphy for diagnosis of prosthetic valve endocarditis in 39 patients......*Page 1980*

¹¹C-CURB dosimetry: Boileau and colleagues investigate in humans the whole-body biodistribution and radiation dosimetry of this novel ¹¹C-labeled suicide irreversible tracer developed as a surrogate measure of activity of the fatty acid amide hydrolase..... Page 1993

¹⁸⁸Re-P2045 and tumor growth: Nelson and colleagues describe studies designed to determine whether this radiolabeled peptide analog of

⁸⁹Zr-labeled immuno-PET and HCC: Sham and colleagues assess the potential of ⁸⁹Zr-conjugated F(ab')2 fragments directed against glypican-3 as a diagnostic immuno-PET probe in hepatocellular carcinoma...... Page 2032

Immuno-PET targeting of STEAP1: Doran and colleagues describe preparation and evaluation of ⁸⁹Zr-2109A, a radiotracer for PET derived from a fully humanized monoclonal antibody to cell surface protein 6 transmembrane epithelial antigen of prostate 1 in preclinical prostate cancer models...... Page 2045

Myocardial perfusion IQ SPECT: Caobelli and colleagues establish the lower limit of radioactivity that can be administered to patients for myocardial perfusion IQ SPECT and the minimum acquisition time that will preserve diagnostic accuracy...... Page 2064