JNN

⁶⁴Cu-based hypoxia imaging: Dearling and Packard provide context and background for an article in this issue of *JNM* on biodistribution of ⁶⁴Cu-ATSM, a potential hypoxia tracer, and its precursor ⁶⁴Cu-acetate......*Page* 7

Cancer targeting with vitamin B12: Sah and colleagues investigate tumor-specific uptake of ^{99m}Tc-PAMA-cobalamin, a vitamin B12 derivative recognized by haptocorrin, in 10 patients with various metastatic tumors.........*Page 43*

Cardiac CTA and SPECT MPI fusion: Kirişli and colleagues explore the additional diagnostic value of a software-based CT angiography/SPECT myocardial perfusion imaging fusion system over conventional side-by-side analysis in patients with suspected coronary artery disease.......Page 50

Interpretation standards for ⁸²**Rb-ARMI:** Renaud and colleagues detail standardized imaging protocols developed for a multicenter trial to evaluate accuracy, outcomes, and cost effectiveness of low-dose ⁸²Rb perfusion imaging using 3-dimensional PET/CT technology.....*Page* 58

²²⁵Ac-labeled antivascular liposomes: Bandekar and colleagues describe the use of targeted liposomes loaded with the α -particle generator ²²⁵Ac to selectively kill prostate-specific membrane antigen–expressing cells and discuss Enhancing tumor uptake of radiopeptides: Nock and colleagues explore the hypothesis that in vivo coadministration of specific enzyme inhibitors could improve peptide bioavailability and tumor uptake in tumor xenografts in mice.......Page 121

Copper metabolism in hypoxia targeting: Hueting and colleagues compare ⁶⁴Cu retention after administration of ⁶⁴Cu-ATSM or ⁶⁴Cu-acetate in vitro in CaNT and EMT6 cells and in mice bearing corresponding tumors......**Page 128**

PET/MR with continuous table motion: Braun and colleagues describe the technical implementation of simultaneous PET and MR data acquisition with continuous table motion......*Page 161*