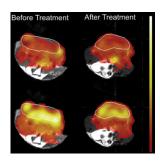
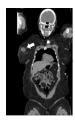
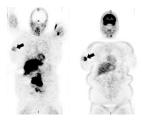
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MRI and tumor biochemistry: Gallagher and colleagues provide an overview of hyperpolarized ¹³C MR spectroscopic imaging and compare sensitivity, spatial and temporal resolution, and risks with those of PET imaging..... Page 1333

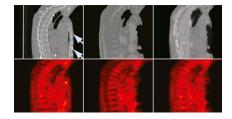


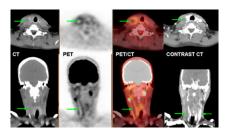
¹⁸F-fluoropaclitaxel PET/CT: Kurdziel and colleagues describe radiation dosimetry and imaging studies in healthy adults and women with breast cancer and the potential for use of intratumoral ¹⁸F-fluoropaclitaxel distribution as a surrogate for paclitaxel in solid tumors. Page 1339





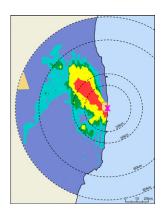
Network assessment of lymphoma RIT: Hohloch and colleagues present the work





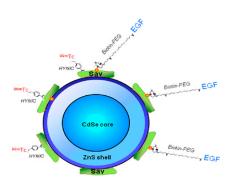


Fukushima accident response perspectives:

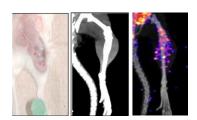


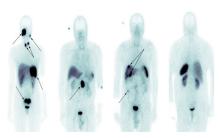
P-selectin imaging with 99m Tc-fucoidan:

 α_7 nAChR PET tracer: Ettrup and colleagues offer details on ¹¹C-NS14492, a selective α_7 nicotinic acetylcholine receptor agonist PET radioligand that

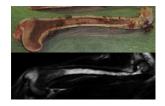


RIT agent for AML: Leyton and colleagues characterize ¹¹¹In-nuclear translocation sequence-7G3, an Auger electron-emitting radioimmunotherapeutic agent with potentially beneficial applications in acute myelogenous leukemia........... *Page 1465*





MRI assessment of marrow cellularity:



First-in-human study of BMS747158:

Maddahi and colleagues evaluate radiation dosimetry, biodistribution, safety, tolerability, and early elimination in urine of a single injected dose of this ¹⁸F-labeled myocardial perfusion imaging tracer that targets mitochondrial complex 1......... Page 1490

ON THE COVER

^{99m}Tc-fucoidan has been found to be a relevant imaging agent for in vivo detection of biologic activities associated with P-selectin overexpression, such as arterial thrombus and ischemic memory, and overcomes some limitations of previous P-selectin-targeted agents. In the above SPECT/CT slices of a rat with aortic valve endocarditis, ^{99m}Tc-fucoidan uptake is seen in the aortic valve area.

See page 1436.

