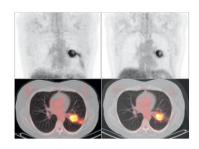
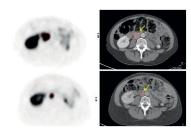
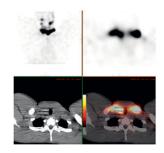
## JNM

## PET and prognosis in chemotherapy:



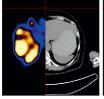
**Response prediction in NETs:** Haug and colleagues investigate the utility of <sup>68</sup>Ga-DOTATATE PET/CT for early prediction of progression and clinical outcomes after a first cycle of peptide receptor radionuclide treatment in patients with well-differentiated neuroendocrine tumors. . . . . . . *Page 1349* 

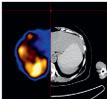


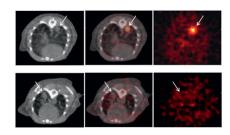




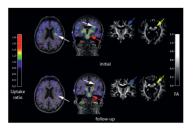
## Efficacy and toxicity after <sup>90</sup>Y spheres:

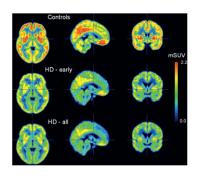




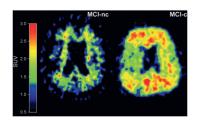


**Neuroinflammation in subcortical stroke:** Thiel and colleagues use diffusion tensor image–guided <sup>11</sup>C-PK11195 PET



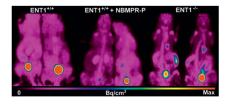


**Probes for dementia:** Kadir and Nordberg provide an educational overview of imaging techniques in neurodegenerative disorders causing dementia, including Alzheimer disease, frontotemporal dementia, dementia with Lewy bodies, and dementia in Parkinson disease. *Page 1418* 

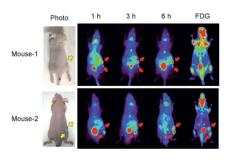


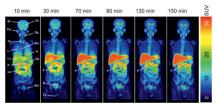
MR-based attenuation correction: Catana and colleagues address attenuation correction challenges in combined PET/MRI and introduce a method based on MRI data from a single dedicated sequence, with utility in a PET/MRI human brain scanner prototype..... Page 1431

<sup>18</sup>F-FLT PET in ENT1-knockout mice: Paproski and colleagues determine whether equilibrative nucleoside transporter 1 is important for <sup>18</sup>F-FLT uptake in normal tissues and tumors. *Page 1447* 



Multimodality imaging of SSTR2: Chen and colleagues report on the development of a somatostatin receptor—enhanced green fluorescent protein fusion construct for





## ON THE COVER

Preliminary results suggest that a new MRI-based attenuation correction method may be as accurate as the segmented CT method and applicable to quantitative neurologic PET/MRI studies. Selection of the linear attenuation coefficient for bone affects PET data quantification, as shown in these representative images of relative changes for 3 attenuation correction models.

See page 1434.

