

- Unacceptable denials:** Czernin and Allen-Auerbach provide a brief perspective on recent denials of coverage for validated radiolabeled theranostics. . . . *Page 939*
- Discussions with leaders:** Thomas Beyer interviews Yasuhito Sasaki about his career as a leader in radiology, nuclear medicine, radiation oncology, and radiation studies, with a specific focus on radiation health effects. . . . *Page 940*
- Imaging the immune environment:** Iravani and Hicks offer an overview of the current status of ^{18}F -FDG PET/CT in monitoring tumoral and systemic immune response, in the first of a 2-part series. . . . *Page 943*
- Toward molecular nuclear cardiology:** Werner and colleagues review today's clinical cardiovascular molecular imaging and highlight the evolution of cardiovascular therapy beyond mechanical interventions and broadly targeted medications toward individualized molecule-targeted and molecular imaging-guided therapies. . . . *Page 951*
- ISCHEMIA trial:** Murthy and colleagues from the SNMMI Cardiovascular Council highlight results from this trial comparing the effects on major adverse cardiac outcomes of optimal medical therapy versus optimal medical therapy plus coronary revascularization in moderate-to-severe ischemia. . . . *Page 962*
- Imaging cardiac amyloidosis:** Masri and colleagues summarize evolving imaging approaches in cardiac amyloidosis, their molecular structural bases, and gaps in imaging capabilities as a result of parallel developments in pharmacotherapeutic options for this condition. . . . *Page 965*
- PET/CT in LVAD infection:** Sohns and colleagues explore the value of ^{18}F -FDG PET/CT for assessing the extent and severity of left-ventricular assist device infection and resulting effects in guiding patient management. . . . *Page 971*
- Imaging astroglia after infarction:** Bascuñana and colleagues evaluate insights into heart-brain inflammation networking facilitated by ^{11}C -methionine PET imaging after experimental myocardial infarction. . . . *Page 977*
- Postlobectomy lung function prediction:** Arnon-Sheleg and colleagues compare quantitative analyses of 2D planar lung perfusion scintigraphy with SPECT/CT and estimate the accuracies of a nonimaging segment counting method, perfusion scintigraphy, and SPECT/CT in predicting pulmonary function after lobectomy. . . . *Page 981*
- PET versus CT after immunotherapy for NSCLC:** Rossi and colleagues compare evaluation of first response to nivolumab using CT-based criteria and ^{18}F -FDG PET response criteria in advanced non-small cell lung cancer. . . . *Page 990*
- Interim PET in DLBCL:** Györke and colleagues assess the predictive and prognostic value of interim ^{18}F -FDG PET after 2 cycles of immunochemotherapy in diffuse large B-cell lymphoma by applying combined visual and semiquantitative evaluation. . . . *Page 999*
- Early DNA damage response signaling:** Knight and colleagues investigate whether ^{111}In -anti- γH2AX -TAT SPECT allows visualization of the DNA damage repair marker γH2AX in high-grade pancreatic intraepithelial neoplasias in an engineered mouse model of pancreatic ductal adenocarcinoma. . . . *Page 1006*
- Predicting PRRT outcomes:** Pauwels and colleagues report on the utility of pretherapeutic and early interim ^{68}Ga -DOTATOC PET tumor uptake, volumetric parameters, and an inflammation-based index for predicting outcomes in ^{90}Y -DOTATOC peptide-receptor radionuclide therapy in neuroendocrine tumor patients. . . . *Page 1014*
- PET/MRI with DWI to assess GEP NETs:** Adams and colleagues test functional 3D SUV apparent diffusion coefficient parameters and arterial tumor enhancement in accurately characterizing gastroenteropancreatic neuroendocrine tumors. . . . *Page 1021*
- Single-time-point dosimetry:** Hänscheid and Lassmann offer perspective on the potential of SPECT/CT cameras to directly display absorbed doses and discuss a related article in this issue of *JNM*. . . . *Page 1028*
- Single-time-point ^{177}Lu -PSMA dosimetry:** Jackson and colleagues propose a novel approach to radiation dosimetry in targeted nuclear medicine therapies to enable dose computation from a single posttreatment SPECT scan. . . . *Page 1030*
- PSMA PET before and after SLND:** Farolfi and colleagues analyze patterns of persistent versus recurrent or new prostate-specific membrane antigen ligand PET lesions in patients with prostate-specific antigen persistence after salvage lymph node dissection. . . . *Page 1037*
- Innate immunity maps in MS:** Bodini and colleagues generate individual maps of white matter innate immune cell activation using ^{18}F -DPA-714 translocator protein PET and correlate these with trajectories of worsening disability in patients with multiple sclerosis. . . . *Page 1043*
- Cerebral P-glycoprotein induction:** Zoufal and colleagues investigate whether ^{11}C -metoclopramide PET can measure P-glycoprotein induction at the blood-brain barrier in a β -amyloidosis mouse model and in wild-type mice and discuss implications for Alzheimer disease applications. . . . *Page 1050*
- ^{212}Pb -anti-CD38 in multiple myeloma:** Quelven and colleagues explore the potential of α -radioimmunotherapy with ^{212}Pb -daratumumab (anti-CD38) in in vitro and in vivo models of multiple myeloma. . . . *Page 1058*
- Optical imaging with exendin-IRDye 800CW:** Boss and colleagues detail a novel method for targeted near-infrared fluorescence imaging of glucagonlike peptide 1 receptor-positive lesions using the GLP-1 agonist exendin-4 labeled with IRDye 800CW. . . . *Page 1066*
- Photoradiosynthesis of ^{89}Zr -antibodies:** Klingler and colleagues use a photoradiochemical approach to produce ^{89}Zr -radiolabeled onartuzumab, a monovalent antihuman hepatocyte growth factor receptor antibody, starting directly from the fully formulated drug. . . . *Page 1072*
- Early detection of hepatic micrometastasis:** Yu and colleagues assess the performance of photoacoustic imaging in detecting hepatic micrometastases from melanoma at a very early stage and in guiding tumor resection by intraoperative guidance. . . . *Page 1079*