

**Discussions with leaders:** *JNM* editor-in-chief Johannes Czernin continues a series of interviews with leaders in nuclear and molecular imaging and therapy with a conversation with Simon Cherry. . . . . **Page 295**

**Human total-body PET:** Badawi and colleagues present the first human imaging studies on the EXPLORER scanner, using a range of different protocols that provide foundational evidence for future trials to evaluate improvements and innovations facilitated by total-body PET imaging. . . . . **Page 299**

**H&N perineural spread imaging:** Lee and colleagues provide an educational overview of tumor growth along large nerves and the role of  $^{18}\text{F}$ -FDG PET in assessment of perineural spread in head and neck cancer. . . . . **Page 304**

**$^{11}\text{C}$ -MET PET in DIPG:** Tinkle and colleagues investigate uptake of  $^{11}\text{C}$ -methionine in pediatric patients with newly diagnosed diffuse intrinsic pontine glioma and explore associations between PET metrics, conventional MR imaging, and survival. . . . . **Page 312**

**Ki estimates from static PET:** Doot summarizes previous reports on changes in primary breast cancer tumor and SUVs from serial  $^{18}\text{F}$ -FDG PET scans and patient outcomes and previews a related article in this issue of *JNM*. . . . . **Page 320**

**$^{18}\text{F}$ -Fluoride Ki, SUV, and bone metastases:** Azad and colleagues determine whether PET/CT measurement of changes in  $^{18}\text{F}$ -fluoride metabolic flux to bone mineral, compared with  $\text{SUV}_{\text{max}}$  and  $\text{SUV}_{\text{mean}}$ , can improve response assessment of bone metastases in breast cancer. . . . . **Page 322**

**$^{18}\text{F}$ -FDG PET response criteria in NSCLC:** Turgeon and colleagues compare survival outcomes according to 4 international criteria for defining response with  $^{18}\text{F}$ -FDG PET after curative-intent chemoradiation for non-small cell lung cancer. . . . . **Page 328**

**Ipilimumab response using imPER-CIST5:** Ito and colleagues assess associations between tumor response on  $^{18}\text{F}$ -FDG PET/CT and prognosis in patients with

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**Scintigraphy and TIRADS:** Schenke and colleagues look at the value of the addition of thyroid scintigraphy to the Thyroid Imaging Reporting and Data System to avoid unnecessary fine-needle biopsies and thyroid surgeries. . . . . **Page 342**

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**$^{18}\text{F}$ -PSMA-1007 PET/CT in PCa restaging:** Giesel and colleagues evaluate the diagnostic efficacy of  $^{18}\text{F}$ -PSMA-1007 PET/CT for biochemical recurrence after radical prostatectomy in 251 patients. . . . . **Page 362**

**Somatostatin PET in PPGLs:** Han and colleagues report on a systematic review and metaanalysis of the performance of  $^{68}\text{Ga}$ -DOTA-conjugated somatostatin receptor-targeting peptide PET in detection of pheochromocytomas and paragangliomas. . . . . **Page 369**

**PRRT in G3 neuroendocrine neoplasms:** Zhang and colleagues analyze long-term outcomes, efficacy, and safety of peptide-receptor radionuclide therapy in patients with somatostatin receptor-expressing grade 3 neuroendocrine neoplasms. . . . . **Page 377**

**$^{68}\text{Ga}$ -FAPI PET/CT:** Giesel and colleagues detail tissue biodistribution and preliminary dosimetry of DOTA-containing fibroblast activation protein-targeting agents in patients with various cancers. . . . . **Page 386**

**$^{177}\text{Lu}$ -Labeled minigastrin:** Sauter and colleagues investigate whether a chemi-

cally stabilized analog performs better than reference analogs in cholecystokinin-2 receptor targeting in metastatic medullary thyroid cancer in basic, translational, and first-in-human studies. . . . . **Page 393**

**$^{111}\text{In}$ -DOTA-5D3 SPECT for PSMA:** Banerjee and colleagues characterize this new high-affinity murine monoclonal antibody targeting prostate-specific membrane antigen using SPECT/CT imaging, tissue biodistribution studies, and dosimetry. . . . . **Page 400**

**PET and stable CAD management:** Di Carli and Hachamovitch provide perspective on ischemia-guided approaches in management of stable coronary artery disease and preview an article in this issue of *JNM* on PET-assessed quantitative flow measurements. . . . . **Page 407**

**Cardiac PET and coronary revascularization:** Gould and colleagues research the threshold of quantitative myocardial perfusion severity for association with reduced death, myocardial infarction, or stroke after revascularization within 90 days after PET. . . . . **Page 410**

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**Photonuclear production of  $^{15}\text{O}$ :** Queern and colleagues report on a novel and economical approach to production of  $^{15}\text{O}$  for PET applications using an electron linear accelerator. . . . . **Page 424**

**DIVIDE pseudo-CT for pelvis PET/MR AC:** Torrado-Carvajal and colleagues describe a deep-learning network for synthesis of pelvis pseudo-CT maps based on standard Dixon volumetric-interpolated breath-hold images currently acquired for attenuation correction in some commercial scanners. . . . . **Page 429**