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## JNM

Methodology of kinetic analysis: Pantel and colleagues offer an educational summary of the principles of PET tracer kinetic analysis in oncology, methodologic approaches for such analysis, and application of kinetic modeling in cancer-specific diagnosis. . . . . . Page 342

Multimodality imaging of aortic stenosis: Tzolos and colleagues examine the latest advances in imaging of aortic stenosis and bioprosthetic valve degeneration, with a focus on <sup>18</sup>F-NaF PET/CT, and explore potential benefits in patient management and accelerated novel therapeutic development. ... *Page 353* 

<sup>68</sup>Ga-pentixafor for adrenal lesions: Ding and colleagues investigate the diagnostic and prognostic value of this chemokine receptor type 4-specific tracer for PET/CT imaging in nononcologic patients with suspected adrenal masses.
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<sup>68</sup>Ga-satoreotide trizoxetan dose: Virgolini and colleagues determine the optimal dosing

**Dosimetry across** <sup>177</sup>**Lu-DOTATATE cycles:** Roth and colleagues review <sup>177</sup>**Lu-DOTATATE** dosimetry in patients with neuroendocrine tumors to elucidate the range and variation of tumor-absorbed doses, how dosimetric quantities evolve over treatment cycles, and whether these changes differ with tumor grade. . . . *Page 399* 

**Intraarterial PRRT in meningioma:** Vonken and colleagues investigate the added value of intraarterial administration of <sup>177</sup>Lu–high-affinity-DOTATATE in treatment of surgery-and radiotherapy-refractory meningiomas.

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Radiotracers for GRPR imaging: Bratanovic and colleagues synthesize ProBOMB2, a novel bombesin derivative radiolabeled with <sup>68</sup>Ga and <sup>177</sup>Lu, and assess its ability to target gastrin-releasing peptide receptors in a preclinical model of human prostate cancer. . . . Page 424

Acetylcholine-dopamine imbalance in PD:

PET/CT studies after COVID-19 vaccination: Orevi and colleagues report on experience with distinctive PET/CT features in patients imaged after vaccination, with a focus on axillary radiotracer-avid lymphadenopathy and injection site uptake.............. Page 453

**PET imaging of polystyrene:** Im and colleagues administer <sup>64</sup>Cu-DOTA-labeled polystyrene orally in mice for real-time PET monitoring of transit and tissue absorption, with resulting implications for future studies of microplastics' toxicity........... Page 461

Deep learning-based attenuation correction: Sari and colleagues describe development of deep learning-based methods to automatically segment air pockets and generate pseudo-CT images from CAIPIRI-NHA-accelerated MR Dixon images.

**Biograph Quadra performance assessment:** Prenosil and colleagues detail the performance of the Biograph Vision Quadra PET/CT system

Standard methods for dose calculations: