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<sup>18</sup>F-DCFPyL in biochemical failure: Rowe and colleagues detail the results of a prospective study evaluating PET/CT with this prostatespecific membrane antigen–targeting tracer in patients with biochemical failure after radical prostatectomy for prostate cancer......Page 58

**Mitochondria and synaptic PET biomarkers:** Mansur and colleagues characterize the kinetic behavior of 3 PET radioligands, <sup>18</sup>F-BCPP-EF, <sup>11</sup>C-SA-4503, and <sup>11</sup>C-UCB-J, for measurement of mitochondrial complex 1,  $\sigma$ -1 **PD-L1-targeted single-domain antibody:** Lv and colleagues detail the design and development of a <sup>68</sup>Ga-labeled single-domain antibody tracer, <sup>68</sup>Ga-NOTA-Nb109, for specific and non-invasive imaging of programmed death ligand 1 expression in a melanoma-bearing mouse model.....*Page 117*