

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: This 3D representation corresponds to the still image presented in Figure 1J: ^{18}F - B3 image from a WT mouse injected with subcutaneous B16 melanoma.

File Name: Supplementary Movie 2

Description: ^{18}F -FDG PET-CT 3D projection image acquired as on naïve C57BL/6 mouse.

File Name: Supplementary Movie 3

Description: ^{18}F -FDG PET-CT 3D projection image acquired as on a C57BL/6 mice treated with 10 mg/kg of the β -adrenergic agonist CL316243 given i.p. 45 minutes before injection of radiolabel.

File Name: Supplementary Movie 4

Description: ^{64}Cu -B3 PET-CT 3D projection image acquired as on naïve C57BL/6 mouse.

File Name: Supplementary Movie 5

Description: ^{64}Cu -B3 PET-CT 3D projection image acquired as on a C57BL/6 mice treated with 10 mg/kg of the β -adrenergic agonist CL316243 given i.p. 45 minutes before injection of radiolabel.