Supplemental Data:

Table S1. Different PET imaging conducted in mice and lesions visualized on the different imaging methods

	Bioluminescence imaging	^{18}F-FDG-PET	[89]Zr -DFO-9E7.4	[89]Zr-oxalate	^{64}Cu-TE2A-9E7.4
Subcutaneous tumor model					
Mouse 1		Sc x 1	Sc x 1		
Mouse 2		Sc x 1,	Sc x 1,		
Mouse 3		Sc x 1	Sc x 1		
Mouse 4		Sc x 1	Sc x 1		
Mouse 5		Sc x 1, Ln	Sc x 1, Ln		
Mouse 6		Sc x 1	Sc x 1		
Mouse 7		Sc x 1	Sc x 1		
Mouse 8		Sc x 1,	Sc x 1,		
Mouse 9		Sc x 1	Sc x 1		
Mouse 10		Sc x 2		Sc x 2	
Mouse 11		Sc x 2		Sc x 2	
Mouse 12		Sc x 2		Sc x 2	
IV disseminated tumor model					
Mouse 13	Sa, Mb	Sa, Mb	Sa, Mb		
Mouse 14	Sk, Mb	Mb	Sk, Mb		
Mouse 15	Mb	Mb	Mb		
Mouse 16	Sk, Mb	Sk, Mb	Sk, Mb		
Mouse 17	Sk, Sa, Iw, Mb	Sk, Sa, Iw, Mb	Sk, Sa, Iw, Mb		
Mouse 18	Sk, Sp, Iw	Sk	Sk, Sp, Iw		Sk, Sp, Iw
Mouse 19	Sk, Sa, Mb	Sk, Sa	Sk, Sa, Mb		Sk, Sa, Mb
Control mouse					
Mouse 20				N.S.	

Lesional territories: Sc: subcutaneous; Ln: lymph node; Sk: skull; Sa: Sacrum, Iw: iliac wing; Mb: member; Sp: spine.