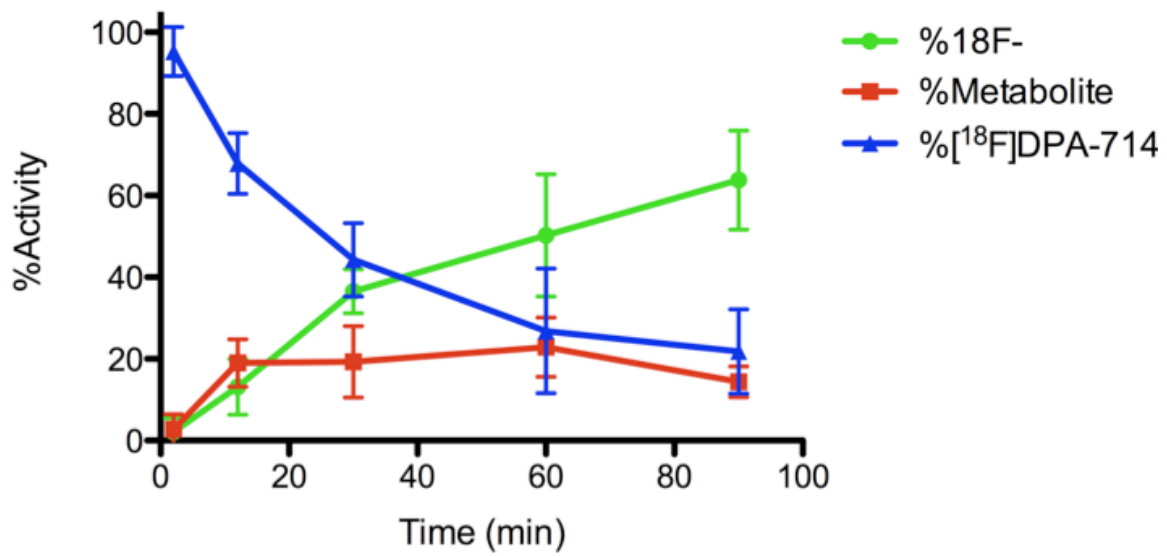


**SUPPLEMENTAL TABLE 1. [<sup>18</sup>F]DPA-714 Uptake in Different Tissues (Last 30 min of Dynamic Scan)**

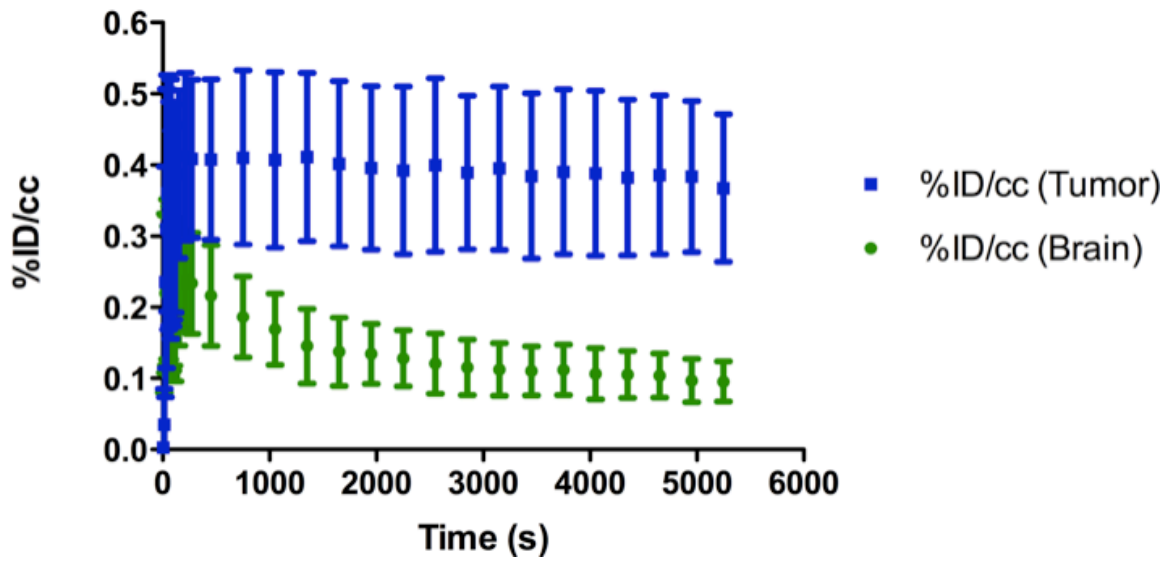
	<b>%ID/cc (Brain)</b>	<b>%ID/cc (Tumor)</b>	<b>%ID/cc (Skull)</b>	<b>%ID/cc (Harderian Gland)</b>	<b>Ratio (Tumor/Brain)</b>
<b>Mean (N=11)</b>	0.088	0.331	0.301	0.484	3.828
<b>SD (N=11)</b>	0.033	0.109	0.091	0.177	0.645

SUPPLEMENTAL FIGURE 1. Mean relative quantities of measured radiometabolites for [<sup>18</sup>F]DPA-714 from multiple dynamic PET studies in rats (*MEAN* ± SD).

SUPPLEMENTAL FIGURE 2. Time-activity curves (TACs) derived from nine 90-min dynamic studies with [<sup>18</sup>F]DPA-714 in C6 glioma bearing rats (*MEAN* ± SD).



Supplemental Figure 1.



Supplemental Figure 2.