

## GMP Tracer

[ <sup>11</sup> C]DASB	SERT
[ <sup>11</sup> C]PE2I	DAT
[ <sup>11</sup> C]CIMBI-36	5-HT2A (agonist)
[ <sup>11</sup> C]JMA107	PDE10
[ <sup>11</sup> C]PHNO	D3/D2 receptors
[ <sup>11</sup> C]MDL100,907	5-HT2A (antagonist)
[ <sup>11</sup> C]Carfentanil	μ-Opioid receptor
[ <sup>11</sup> C]RO15,4513	α5, GABA-A
[ <sup>11</sup> C]BU008	Imidazoline I2 binding sites (astrocytes)
[ <sup>11</sup> C]Rolipram	PDE4
[ <sup>11</sup> C]PBR28	TSPO
[ <sup>11</sup> C]MK8278	Histamine H3 receptor
[ <sup>11</sup> C]MePPEP	CB1 receptor
[ <sup>11</sup> C]Methionine	Protein synthesis/AA uptake
[ <sup>18</sup> F]IMAFIB	Fibrosis (αVβ6 integrins)
[ <sup>18</sup> F]FDOPA	Dopamine Metabolism
[ <sup>11</sup> C]SA-4503	Sigma-1 receptor
[ <sup>11</sup> C]UCB-J	SV2A Glycoprotein
[ <sup>18</sup> F]BCPP-EF	Mitochondrial Complex-1
[ <sup>18</sup> F]FET-Octreotate	Somastatin receptor
[ <sup>18</sup> F]FD4-Choline	Metabolism
[ <sup>18</sup> F]FPIA	Metabolism
[ <sup>18</sup> F]T807	Tau aggregates
[ <sup>18</sup> F]MK-6240	Tau aggregates

## Target

## Commercially available GMP tracers

Tracer	Target
[ <sup>18</sup> F]FDG	Metabolism
[[ <sup>18</sup> F]Amyvid/[ <sup>18</sup> F]Vizamyl/[ <sup>18</sup> F]Neuraceq	β Amyloid

## A wide selection of non-GMP tracers including:

Tracer	Target
[ <sup>18</sup> F]PF-05270430	PDE2
[ <sup>18</sup> F]MitoPhos	Mitochondrial Membrane Potential
[ <sup>18</sup> F]MNI-444	Adenosine 2A
[ <sup>11</sup> C]Rolipram	PDE4
[ <sup>11</sup> C]Acetate	Acetyl-CoA Metabolism

NB: Other tracers are available and can be readily implemented for clinical use