

Radiotracers/Radiotherapeutic Agents Developed Using DOE Funding Chemical Name (Generic Name)	Applications			P.I. / Institution
	Target Use	Research	Clinical	
Technetium-99m-acetyl-Gly-D-Ala-Gly-Gly-aminobutanoate-CTGGACAACCAT-AEEA-D(Cys-Ser-Lys-Cys)	SPECT-imaging hybridization agent for cyclin D1 oncogene mRNA in breast cancer and other cancers	X	X	Wickstrom, E. & colleagues/Thomas Jefferson University
Technetium-99m-acetyl-Gly-D-Ala-Gly-Gly-aminobutanoate-CTGGACAACCAT-AEEA-D(Cys-Ser-Lys-Cys)	SPECT-imaging hybridization agent for MYC oncogene mRNA in breast cancer and other cancers	X	X	Wickstrom, E. & colleagues/Thomas Jefferson University
Copper-64-DOTA-AEEA-CTGGACAACCAT-AEEA-D(Cys-Ser-Lys-Cys)	PET-imaging hybridization agent for cyclin D1 oncogene mRNA in breast cancer and other cancers	X	X	Wickstrom, E. & colleagues/Thomas Jefferson University
Copper-64-DOTA-AEEA-GAAGCCATCGCT-AEEA-D(Cys-Ser-Lys-Cys)	PET-imaging hybridization agent for IRS1 oncogene mRNA in breast cancer and other cancers	X	X	Wickstrom, E. & colleagues/Thomas Jefferson University

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