

## Cathy S. Cutler, PhD

Brookhaven National Laboratory, New York



Cathy S. Cutler, Ph.D. is Director of the Medical Isotope Research Production and Development group (MIRP) at Brookhaven National Laboratory. Dr. Cutler earned the Bachelor of Sciences in Biochemistry in 1988 and a Doctorate in Inorganic Chemistry in 1993 from the University of Cincinnati. Dr. Cutler then joined the Radiation Sciences group at Washington University School of Medicine and developed and characterized a Ga-68 brain agent that crosses the intact blood brain barrier; designed studies to determine how *in vivo* metabolism affects compounds distribution, clearance and target selectivity; and collaborated to radiolabel and evaluate peptides containing unique amino acids with modified side chains to bind metals such as technetium, rhenium and rhodium. It was this collaboration that drew Dr. Cutler to the University of Missouri Research Reactor Centers Radiopharmaceuticals Group in 1998, where she worked until June 2015. Additionally, she directs the Target Processing Labs (TPL).

Dr. Cutler's research focuses on developing production and separation methods for high specific activity radioisotopes, creating a suite of diagnostic and therapeutic agents tailored for individual needs, which has been funded by the DOE, NIH, NSF and public foundations.

She brings more than 20 years of experience in the development and evaluation of radiopharmaceuticals, utilizing bioinorganic and radioanalytical chemistry to develop and evaluate radiopharmaceuticals for both diagnosis and therapy.