

John Bucher Ph.D. joined the National Toxicology Program as a toxicologist in 1983 and since then has played a key role in shaping the program's research and policies.

In 2007, he was named [NTP Associate Director](#) where he began to oversee the day to day operations of the program. Bucher has been instrumental in preparing the program to meet the needs of the 21th century. For example, in 2008 he coauthored a [paper](#) in the journal, *Science*, which describes a way to transform toxicology by taking advantage of new technologies and shifting protocols for toxicity assessments from laboratory animal studies to more cell-based tests.

Bucher also played a major role in developing the [NTP Vision and Roadmap for the 21st Century](#), a plan for toxicology research to advance as a predictive science, building on the knowledge gained from traditional single-agent studies primarily in rodents.

Bucher is an internationally recognized expert in the design and interpretation of cancer bioassays, and has authored a number of important publications examining critical issues in dose selection for toxicology and cancer studies. He holds a doctorate in pharmacology from the University of Iowa, a Masters of Science in biochemistry from the University of North Carolina at Chapel Hill, and a Bachelor of Arts in biology from Knox College in Galesburg, Illinois.

Bucher is currently the Deputy Division Director for Analysis for the NTP Division.