

Anthony Zook, Ph.D.

Organization: **Director Anti-Counterfeiting
Merck & Co., Inc.
West Point, PA**

Presentation: **Advanced Detection of Suspected Counterfeit Drugs
Adulteration and Contamination: Technologies of the Future
Tuesday, September 22, 2009; 1:00 p.m. to 4:30 p.m.**

Tony holds a B.A. degree in Chemistry from Franklin and Marshall College, Lancaster, PA, and a Ph.D. in Analytical Chemistry from the University of Florida, Gainesville, FL. After completing graduate school, Tony joined Merck as a Sr. Scientist in Merck's central analytical laboratory supporting Manufacturing. Tony spent 3 years in this lab as the primary scientist leading Merck's counterfeit detection efforts. During this time, he developed the protocols for investigations of suspected counterfeit products and built up Merck's technical capabilities for the forensic analysis of suspected counterfeit products. As Merck's efforts related to counterfeits increased, Tony moved from the lab into project management spending two years as Sr. Project Manager in Quality Assurance supporting Merck's Counterfeit Management program. Following the restructuring of Merck's Corporate Anti-Counterfeiting Strategy, Tony was promoted to Director Anti-Counterfeiting in Merck's Global Security Group. Tony serves as Merck's Subject Matter Expert on counterfeit pharmaceuticals, and leads the Company's efforts in the execution of its Anti-Counterfeit Strategy.

Tony is actively engaged in the on-going collaborative discussions regarding counterfeits in the external pharmaceutical community. He serves as a technical advisor to the Pharmaceutical Security Institute, and has given a number of invited talks on counterfeit pharmaceutical management and detection at universities, scientific and forensic meetings, as well as industry conferences.