

Dr. Ronald Baynes
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Dr. Baynes obtained his veterinary degree from Tuskegee University in 1990, MS in Pharmacology from the University of Georgia in 1992, and PhD in pharmacology from North Carolina State University in 1997. He is currently an Associate Professor of Pharmacology at NCSU College of Veterinary Medicine and prior to that he was a Toxicologist at Syracuse Research Corporation. His primary research utilizes diverse membrane models (inert and biological membranes) to quantify physicochemical descriptors and chemical interactions during solute permeability across skin in single chemical and chemical mixture/formulation exposure scenarios. Dr. Baynes' research has been supported by several NIH grants in the last 10 years and has focused on the dermal absorption of metal working fluid formulations. He has generated more than 70 peer-reviewed publications and 13 book chapters pertaining to his research in the dermal absorption of chemical mixtures and pharmacokinetics in general.