

## “Toxic Responses of the Kidney”

### Live Presentation and Net Web Conference Training

**Course Date:** Wednesday December 17, 2008  
**Time:** 12:00 p.m. – 1:30 p.m.  
**Location:** Chamblee Campus, Building 106  
**Room:** 4A

**Course Instructor:** Malcolm Williams, DVM, PhD  
Sr. Environmental Health Scientist/Toxicologist  
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### **Goal**

The goal of the “Seminars in Toxicology” series is to provide a forum for the presentation and discussion of the chemistry, physiology, industrial hygiene, epidemiology, and toxicology of environmental contaminants, and to discuss strategies to protect the public from hazardous substances in the environment.

### **Overall Series Objectives**

At the completion of this educational activity, participants will be able to:

1. summarize the chemical nature of the toxic substance(s) discussed in this seminar,
2. describe the health effects of the toxic substance(s) discussed in this seminar,
3. develop strategies to communicate to potentially exposed populations the nature of health risks associated with the toxic substance(s) discussed during this seminar,
4. evaluate the information presented in this seminar as it relates to public health issues encountered at hazardous waste sites.

### **Topics of Discussion**

In “Toxic Responses of the Kidney,” Dr. Williams will discuss the underlying mechanism that results in nephrotoxic effects from environmental contaminants.

Specific topics for this discussion include:

1. Overview of the kidney
2. Pathophysiologic responses of the kidney
3. Toxic injury to the kidney/nephrotoxicity
4. Specific nephrotoxicants
5. Assessment/tests of nephrotoxicity