

## Basic Pharmacology Training Course Course # T27

September 20 - September 21, 2010

Start - 8:00 Finish - 5:00

### Hotel Information:

[Hyatt Arlington](#)

Hyatt Arlington  
1325 Wilson Boulevard  
Arlington, VA 22209  
(703) 525-1234

Rate: \$ 239

Deadline for Group Rate: 2010-08-07

[Hotel Policy](#)

### Registration Rate:

\$1,695.00 Register by 08/7/10

\$1,895.00 Register after 08/7/10

Cancellation Date: 9/21/10 (Cancellation fee is determined by date cancelled.)

[Register Now](#)

[Registration Policy](#)

### Continuing Education Credit:

ACPE: 0708-0000-10-023-L01-P (1.4 CEU)

Initial Release Date: 9/20/10

CBRN: N/A

CME: 14 Hours of Category 1 Credit

VNA: 07-04-01 14 Contact Hours

[Continuing Education Policy](#)

### Course Description:

This course will be held at:  
The PERI Training Facility  
1616 N Fort Myer Drive Suite 1430  
Arlington, VA 22209

Day 1: 8:00 AM - 5:00 PM

Day 2: 8:00 AM - 5:00 PM

This course provides an intensive overview of pharmacology, knowledge of which is critical for both drug discovery and development. The principles of pharmacodynamics and pharmacokinetics are presented, followed by an introduction to the pharmacology of the autonomic nervous system, cardiovascular system and central nervous system. Inflammation and anti-inflammatory drugs are next presented and the course concludes with a discussion of agents used in infectious disease and chemotherapy. This course is also a blending of online and live learning. The online component is PERI's Pharmacology Online Course. PERI recommends that participants complete the online component before attending the live course as concepts covered in the online component will be built upon in the live portion. To review the online course Pharmacology Online, click here. Please note: You do not need to register for both the live AND online components. Upon registering for the Basic Pharmacology Training Course, you will automatically receive access instructions to the online course in your Confirmation Letter.

### Who Should Attend:

Individuals with little or no formal coursework in pharmacology and those who need to understand pharmacology as it relates to their work, specifically clinical research associates, regulatory affairs and marketing staff, medical writers, and project managers. This course also serves as a good refresher course for those who have had previous pharmacology coursework, but have been away from the discipline for some time.

### Educational Objectives:

*Upon completion of this course, participants should be able to:*

- Describe the general principles of pharmacology
- Interpret results in pharmacodynamics and pharmacokinetics reports
- Discuss the effects of drugs on the sympathetic and parasympathetic nervous systems
- Relate pharmacology as it applies to the organ system, central nervous system and cardiovascular system
- Explain mechanism of action of anti-inflammatory agents and of drugs used in infectious disease and chemotherapy

**Key Topics:**

- Overview of Basic Physiology and Pharmacology
- Pharmacodynamics
- Pharmacokinetics
- Autonomic System Pharmacology
- Cardiovascular System Pharmacology
- Central Nervous System Pharmacology
- Anti-Inflammatory Drugs and Chemotherapy
- Problem Solving Sessions

**Course Director(s):**

Noel J Cusack, MSc, PhD, MRSC  
Senior Vice President, Nonclinical Development  
Talaris Advisors, LLC