

MAKE CHECK PAYABLE TO: CREIGHTON UNIVERSITY (No Credit Cards Are Accepted)
 MAIL TO: Dr. Philip Lister, Creighton University School of Medicine, Department of Medical
 Microbiology & Immunology, Center for Research in Anti-Infectives and Biotechnology, Criss II, Room 517
 2500 California Plaza, Omaha, NE 68178.

Registration for Antimicrobial Agents and Chemotherapy – June 13-15, 2005

Name _____ Position _____

Company _____ Phone _____ Fax _____

Mailing Address _____

E-Mail Address _____

Please Enclose Pre-Registration Fee of \$200.00

**ANTIMICROBIAL AGENTS AND CHEMOTHERAPY
 SCHEDULE, JUNE 2005**

Date	Day	Time	Topic
June 13	Monday	8:30-9:00 a.m.	Continental Breakfast and Introductions
		9:00-10:00 a.m.	Introduction to Antibacterials/Mechanisms of Action
		10:00-11:30 a.m.	Antimicrobial Susceptibility Testing
		11:30-12:30	LUNCH
		12:30-1:30 p.m.	Pharmacodynamics of Antibacterial Agents
		1:30-2:30 p.m.	Cell-Wall Active Agents
		2:30-3:30 p.m.	B-lactamase Inhibitor-Penicillin Combinations
		3:30-4:30 p.m.	ESBLs and Carbapenem-Hydrolyzing Enzymes
June 14	Tuesday	9:00-10:00 a.m.	AmpC β -lactamases
		10:00-11:00 a.m.	Clinical Implications of β -Lactam Resistance
		11:00-12:00	PBP-Mediated Resistance/Glycopeptide Resistance
		12:00-1:00 p.m.	LUNCH
		1:00-2:00 p.m.	Antibiotic Susceptibility Testing Laboratory
		2:00-3:00 p.m.	Antibiotic Susceptibility Testing Laboratory Review
June 15	Wednesday	9:00-10:00 a.m.	Molecular Techniques for Resistance Detection
		10:00-11:00 a.m.	Fluoroquinolones and Fluoroquinolone Resistance
		11:00-12:00	Antivirals
		12:00-1:00 p.m.	Protein Synthesis Inhibitors/New Agents

Philip D. Lister, Ph.D.—
Course Director

**Course
 Faculty:**

Nancy D. Hanson, Ph.D., Kenneth S. Thomson, Ph.D.
 Ashfaque Hossain, Ph.D., Ellen Smith-Moland, B.S.M.T. and
 Jennifer D. Black, B.S.M.T.

Creighton
UNIVERSITY

2500 California Plaza
Omaha, Nebraska 68178

Creighton
UNIVERSITY

SCHOOL OF MEDICINE

DEPARTMENT OF MEDICAL
MICROBIOLOGY & IMMUNOLOGY

CENTER FOR RESEARCH IN ANTI-
INFECTIVES & BIOTECHNOLOGY

OMAHA, NEBRASKA

Presents

ANNUAL MINICOURSE

ANTIMICROBIAL AGENTS
AND CHEMOTHERAPY

JUNE 13-15, 2005

AUDIENCE:

Individuals in the pharmaceutical industry and scientists in academic/clinical laboratories needing instruction in antimicrobial agents and chemotherapy, susceptibility testing, antibacterial pharmacodynamics, and molecular mechanisms of resistance. Background in anti-infectives, microbiology or infectious disease helpful, but not a prerequisite.

This course has been designed to provide participants with a comprehensive review of the mechanisms of action and pharmacodynamics of antimicrobial agents; the molecular mechanisms of resistance expressed by bacteria; the methods of susceptibility testing used to detect antibacterial resistance, and the role of expert systems in identifying resistance phenotypes in the clinical laboratory. In addition to lectures, a susceptibility testing laboratory will be presented to give participants experience in reading the results of susceptibility assays.

TUITION: \$600.00

**Pre-registration fee:
\$200.00**

Balance due: June 13, 2005

Pre-registration is not refundable, but may be transferred to another individual within the company. For additional information, phone (402) 280-1224 or fax (402) 280-1875.

*Credit cards are not accepted as
payment option.*

