

*Biomedical Simulations Resource
University of Southern California*

Software Short Course On

**MODELING AND DATA ANALYSIS IN
PHARMACOKINETICS AND
PHARMACODYNAMICS USING ADAPT II**

May 20 - 21, 1994

Marina International Hotel
4200 Admiralty Way
Marina del Rey, California

Sponsored by

**BIOMEDICAL RESEARCH TECHNOLOGY PROGRAM
NATIONAL CENTER FOR RESEARCH RESOURCES
NATIONAL INSTITUTES OF HEALTH**

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ADAPT II Short Course Schedule

Marina del Rey, California

Friday, May 20, 1994

8:30	Welcome and Meeting Overview
8:45	Modeling with ADAPT II
9:45	Case Study: Doses and Covariates
10:45	Break
11:00	Nonlinear Parameter Estimation
12:00	Lunch Break
1:30	Case Study: WLS & Maximum Likelihood Estimation
2:30	Case Study: Multiresponse Estimation
3:15	Break
3:30	Case Study: Bayesian Estimation
4:15	Pharmacokinetic/Pharmacodynamic Modeling
4:45	Case Study: Effect Compartment Model
5:30	Reception

ADAPT II Short Course Schedule

Marina del Rey, California

Saturday, May 21, 1994

8:30	Design of Experiments
9:15	Case Study: Sample Schedule Design
10:15	Break
10:30	Population Simulation
11:00	Case Study: Organ Uptake Simulation
12:00	Lunch Break
1:30	Advanced Modeling Features of ADAPT II
2:15	Case Study: Modeling Time Delays
3:00	Break
3:15	Case Study: Multiple Formulations
4:00	Case Study: More PK/PD Modeling
4:45	Closing Remarks
5:00	Reception

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UNIVERSITY OF SOUTHERN CALIFORNIA

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