

## Clinical Pharmacokinetics Pharmacodynamics - Didactic

### CLINICAL PK/PD DIDACTIC SCHEDULE FOR FALL 2014

Date	Chapters and Topics	Instructors and Discussion Leaders
<b>August 08, 2014</b>	Drug Measurement 1	Dr. David Jones
<b>August 15, 2014</b>	Drug Measurement 2	Dr. David Jones
<b>(1) August 22, 2014</b>	CH 1,2 Therapeutic Relevance; Fundamental Concepts and Terminology Appendix A Assessment of AUC	Dr. Rich Bergstrom
<b>(2) August 29, 2014</b>	CH 3 Kinetics Following and Intravenous Bolus Dose Appendix H Mean Residence Time	Dr. Kevin Sowinski
<b>(3) September 5, 2014</b>	CH 4, 19 Membranes and Distribution; Distribution Kinetics Appendix B Ionization an pH Partition Hypothesis Appendix C Distribution of Drugs Extensively Bound to Plasma Proteins	Dr. Sara Quinney
<b>(4) September 12, 2014</b>	CH 5 Elimination Appendix D Plasma-to-Blood Concentration Ratio Appendix E Well-Stirred Model of Hepatic Clearance	Dr. Brian Overholser
<b>(5) September 19, 2014</b>	<b>Course Material Review and Integration Session</b>	<b>Drs. Bergstrom, Sowinski, Quinney, Overholser</b>
<b>(6) September 26, 2014</b>	CH 6 Kinetics Following an Extravascular Dose Appendix F Absorption Kinetics Appendix G Wagner-Nelson Method	Dr. Kevin Sowinski
<b>(7) October 3, 2014</b>	CH 7 Absorption Appendix F Absorption Kinetics Appendix G Wagner-Nelson Method	Dr. Kevin Sowinski
<b>(8) October 10, 2014</b>	CH 8, 9 Response Following a Single Dose; Therapeutic Window	Dr. Brian Overholser
<b>(9) October 17, 2014</b>	CH 10 Constant-Rate Input	Dr. Rich Bergstrom
<b>(10) October 24, 2014</b>	NO CLASS	
<b>(11) October 31, 2014</b>	<b>Chaper 11 Multiple Dose Regimens and Course Material Review and Integration Session</b>	<b>Drs. Bergstrom, Sowinski, Quinney, Overholser</b>
<b>(12) November 7, 2014</b>	CH 20 Metabolite and Drug Response	Dr. Brian Overholser
<b>(13) November 14, 2014</b>	CH 12, 13, 14, 15 Variability; Genetics; Age, Weight, Gender, Disease	Dr. Sara Quinney
<b>(14) November 21, 2014</b>	CH 16 Nonlinearities	Dr. Sara Quinney
<b>November 28, 2014</b>	<b>NO CLASS – Thanksgiving Break</b>	
<b>(15) December 5, 2014</b>	CH 21 Protein Drugs	Dr. Rich Bergstrom
<b>(16) December 12, 2014</b>	<b>Overall Course Review and Topic Integration</b>	<b>Drs. Bergstrom, Sowinski, Quinney, Overholser</b>
<b>December 12 to 19, 2014</b>	TAKE HOME FINAL EXAMINATION	Drs. Bergstrom, Sowinski, Quinney, Overholser

Material from other chapters in the textbook and in the appendices of the textbook may be assigned and used during any of the sessions as there is time and when the topics are applicable.

Instructors and Discussion leaders assigned each week will help guide the specific session but all instructors have agreed to attend as many of these didactic sessions as their personal schedules permit.