MICHIGAN STATE UNIVERSITY

Pharmacology & Toxicology

Integrative and Organ Systems Pharmacology Short Course Schedule 2009

Green - "Animal Model" Lecture; Black – Lecture/Discussion; Red - Demonstration; Blue - Hands-On Lab

Monday 7/13 **8:45 am**	Tuesday 7/14 **8:00 am**	Wednesday 7/15 **8:00 am**	Thursday 7/16 **8:00 am**	Friday 7/17 **8:00 am**	Saturday 7/18 **10:00 am**
Meet in McDonel Hall Lobby 9.30am Responsible Conduct - Haywood 10.45am GLP - Kinter 12.30pm Working with Animals Lab – Gaymer End 5:30 pm	Tissue Collection – Jackson 10.30am Experimental Design - Fink Noon Introduction to In Vitro Labs – Watts In Vitro Vascular Lab – Watts End 6:30 p.m.	Computer Lab – Lohmeier 12.30pm Animal Model: Gastrointestinal Disorders – Galligan In Vitro GI Lab - Galligan End 6:30 p.m.	Animal Model: Respiratory Diseases – Wagner Respiratory Function - Wagner 12.30pm Fluid Sampling – Fink Video – Blood vessel catheterization - Northcott Vascular Catheterization Lab – Northcott Pharmacokinetics Lab – Fink End 6:30	Animal Model: Cardiovascular Pharm – Fink Intro to Autonomic Lab – Fink Autonomic Lab - Haywood & Fink 1.30pm Telemetry Demonstration I: Surgery – Michelau End 5:30 p.m.	Animal Model: Neurodegenerative Disease - Goudreau Noon Neurodegeneration Lab – Dorrance End 5:00 pm

30 minutes for lunch each day

Sunday 7/19 **1.00 pm**	Monday 7/20 **8:00 am**	Tuesday 7/21 **8:00 am**	Wednesday 7/22 **8.00 am**	Thursday 7/23 **8:00 am**	Friday 7/24 **9:00 am**
1.00pm "From Molecule to Medicine" The Process of Drug Development – Bailie, Pegg, Krieger-Burke 5:00pm Picnic - Wonch Park	Animal Model: Metabolic Syndrome – S. MohanKumar Blood Glucose Lab - MohanKumar Animal Model: Liver Disease – Roth Liver Toxicity- Roth/Ganey End 6:30 p.m.	Brain Cannulation Lab – Wood/Johnson Animal Model: CNS Disorders – Johnson Behavior Lab – Wood/Johnson End 6:30	Student Choice - Faculty 11.30am Toxicogenomics & Pharmacogenomics – Goodman 1.30pm Telemetry Demonstration II: Applications – DiCarlo, & Haywood 4.30pm Animal Model: Non-Human Primates & Cardiovascular Disease –Shade End 6:00 pm	Animal Model: Infectious Disease – Toth 9.00am Animal Model: Oncology – Williams 10.30am Renal Function Lab - Shade & Hinojosa-Laborde 3.30pm Animal Model: Renal Disease - Hinojosa-Laborde Renal Function Lab – Discussion, Shade & Hinojosa-Laborde Closing Remarks – Haywood ,Cobbett End 6:00 pm 7:00 pm Dinner	Student Choice - Faculty

3/10/2009