Pharmacokinetics and Pharmacodynamics

1. Staffs and Students (April, 2012)
   Professor                      Masato Yasuhara
   Associate Professor            Masashi Nagata
   Graduate Student               Ryosuke Isozaki, Seiji Karakawa

2. Purpose of Education
   Department of Hospital Pharmacy, University Hospital of Medicine, is in charge of the education of pharmacokinetics and pharmacodynamics for the establishment of safe and effective drug therapy. In the graduate course, the lecture on the recent progress of the pharmacokinetic analysis and drug transport will be given. Students will have the practice of pharmacokinetic analysis and animal experiments.

3. Research Subjects
   1) Investigation on the membrane transport of drugs
   2) Kinetics of drug action in disease states
   3) Therapeutic drug monitoring and clinical pharmacokinetics
   4) Development of new drug delivery systems

4. Clinical Services
   Department of Hospital Pharmacy provides all services about the pharmacotherapy, including dispensing, formulation, preparation of injections and infusion solutions, drug information, and therapeutic drug monitoring.

5. Publications
   Original Article