



## Hands-On Drug Metabolism and Pharmacokinetics Workshop

August 13-14, 2018, UC San Diego

The UC Drug Discovery Consortium (DDC) will host a workshop that will include **practical laboratory** exercises and lectures from leading experts in drug discovery.

### Topics Covered

Foundations of drug metabolism and pharmacokinetics, preclinical toxicology, structural and biophysical techniques in drug discovery and computer-aided drug design.

### Laboratory Experiments

- Microsomal stability assay: measuring *in vitro* clearance rate of drugs and identifying metabolites
- Identification of metabolites using mass spectrometry
- Docking practical: evaluating the binding of drug candidates to protein targets using molecular docking

Graduate students and postdoctoral fellows with projects in drug discovery and basic knowledge of cell culture techniques are invited to apply for a fellowship (covering registration, travel and lodging) by **July 14, 2018**.

Application should include the following:

1. Student name and brief bio (200 word limit).
2. Current research project (300 word limit).
3. Statement of how this workshop will help your research.

Upload applications as a single pdf attachment:

<https://goo.gl/forms/cjQR5bwsDnMGo4t22>

For more information please visit: <http://ucdrugdiscovery.org/events/>  
Or contact Melanie Cocco, [mcocco@uci.edu](mailto:mcocco@uci.edu)

