



The **Southern California Drug Metabolism Discussion Group**

Presents:

Les Benet, Ph.D.



**Professor, Dept. of Bioengineering and Therapeutic Sciences
University of California, San Francisco**

"The Use of BDDCS in Drug Development: The Observations, The Predictions, Understanding the Scientific Basis and The Extensions"

Presentation Synopsis:

Dr. Benet will examine the utility of the Biopharmaceutics Classification System (BCS) and help you understand the interplay of drug metabolizing enzymes and transport proteins as it relates to bioavailability and hepatic elimination. Dr. Benet will discuss:

- The Biopharmaceutics Classification System (BCS) - A system for predicting in vivo performance of drug products from in vitro measurements
- Slight modifications of such a Classification system can be useful in predicting
 - Routes of drug elimination
 - The effects of efflux and absorptive transporters on oral drug absorption
 - When transporter-enzyme interplay will yield clinically significant effects
 - Transporter effects on post-absorptive systemic drug concentrations
 - Drug-drug interaction potential via the relationship to enzyme-transporter interplay

Tuesday, April 19, 2016

Registration and Appetizers begin: 5:00 pm
Dinner: 6:00 pm
Presentation/Speaker: 7:00 pm

Location:

**National University
11355 N. Torrey Pines Road
North Building
La Jolla, CA 92037**

\$20/person (Dinner & Beverages will be served)

The SCDMDG is a nonprofit established in 2003 as a forum for Southern California scientists working in drug metabolism in both academic and industrial settings to meet and discuss issues and share information for the public good.

Seating is Limited— Please Register Early to Guarantee Your Attendance!

To Register for SCDMDG – April 19, 2016: [Register Online](#) or at the door

*\$20/person in Advance or at the Door. Please make **CHECKS** payable to SCDMDG.*

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Attending _____ Amount Enclosed \$ _____