

**Joint Workshop of the Medicinal Chemistry Divisions
Brazilian Chemical Society and American Chemical Society**

“Methods and Principles in Medicinal Chemistry”

Host: José Daniel Figueroa Villar, Military Institute of Engineering, Brazil
Brazilian Chemical Society – Division of Medicinal Chemistry, Chair

Co-host: Donald J. Abraham, Virginia Commonwealth University, USA
American Chemical Society – Division of Medicinal Chemistry, Chair

Workshop Program

May 26, 2008

Hour	Topic	Speaker
9:00-9:10	Opening and Welcome	Organizers
9:10-10:00	Design, Synthesis and Evaluation of Enzyme Inhibitors	Patrick M. Woster Wayne State University, USA
10:00-10:50	Comparison of Topological, Shape, and Docking Methods in Virtual Screening	Wendy Cornell Merck Research Laboratories, USA
10:50-11:10	Coffee Break	
11:10-12:00	Fluorine in Drug Design	James R. McCarthy Ely Lilly, USA
12:00-2:00	Lunch	
2:00-2:30	NMR Methods in Medicinal Chemistry	José Daniel Figueroa Villar Military Institute of Engineering, Brazil
2:30-3:00	Application of Molecular Dynamics in Protein Modeling	Ricardo Bicca de Alencastro Federal University of Rio de Janeiro, Brazil
3:00-3:30	Integration of Experimental and Computational Approaches in Drug Design	Adriano D. Andricopulo University of São Paulo, Brazil
3:30-4:00	Coffee Break	
4:00-4:30	Novel Chemical Approaches in Drug Design	Elizabeth Igne Ferreira University of São Paulo, Brazil
4:30-5:00	Application of Isothermal Titration Calorimetry in Drug Discovery	Carlos A. Montanari University of São Paulo, Brazil
End of the Workshop		