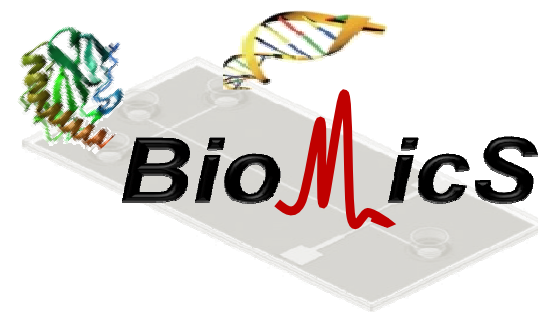


# II WORKSHOP BioMicS

Microfluidics and Low-Cost Analytical Devices

IQSC-USP :: July 17, 2012



## Invited Speakers:

Yolanda Fintschenko, Ph.D.

Director, Business Development

LabSmith (<http://www.labsmith.com/>) - EUA

Prof. Wendell K. T. Coltro

Adjunct Professor, Institute of Chemistry, UFG - Brazil

<http://wendellcoltro.quimica.ufg.br/>

## Program:

08:30 - 09:00 - registration and welcome coffee

09:00 - 09:50 - Dr Yolanda Fintschenko: Principles and Research Applications for a Modular Approach to Designing Microscale Systems from Proof-of-Concept to Product

09:50 - 10:20 - Discussion, coffeebreak, and separation of participants in two groups for hands-on workshop:

10:30 - 12:00 - Dr Yolanda Fintschenko: Microfluidics and Electrokinetics fundamentals. Brief overview of underlying principles, tips, and the “hands on” experiments (Group #1: 15 people max)

12:00 - 13:30 - Lunch break

13:30 - 14:20 - Prof. Wendell K.T. Coltro: Direct-printing of toner-based microfluidic devices for electrophoresis and clinical diagnostics

14:20 - 15:10 - Prof. Emanuel Carrilho: Wax printing technology for paper-based low cost diagnostic devices.

15:10 - 15:30 - coffee break

15:30 - 17:00 - Dr Yolanda Fintschenko: Microfluidics and Electrokinetics fundamentals. Brief overview of underlying principles, tips, and the “hands on” experiments (Group #2: 15 people max)

17:00 - 17:30 - Final discussion, questions and answers, debate.

17:30 - 19:00 - Happy hour

**Registration:** [www.iqsc.usp.br/psm\\_participante](http://www.iqsc.usp.br/psm_participante)

