



U.S. Pharmacopeia  
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# USP Annual Scientific Meeting 2006 Chromatography

## Track Managers:

Margareth R. Marques, Ph.D., Senior Scientist, USP  
Horacio N. Pappa, Ph.D., Senior Scientist, Latin American Specialist, USP

### Track Description:

In the first part of this session an update on the activities related to the USP website on column equivalency will be presented together with a review of the USP and PQRI approaches for evaluating column equivalency. In the second part, some topics of general interest related to chromatography will be reviewed and discussed.

### Planning Committee:

- Thomas J. Difeo, Ph.D., Member, General Chapters Expert Committee and Director, CMC Sciences, Johnson & Johnson
- Margareth R. Marques, Ph.D., Senior Scientist, USP
- Horacio N. Pappa, Ph.D., Senior Scientist, Latin American Specialist, USP

### Speakers:

- Margareth R. Marques, Ph.D., Senior Scientist, USP
- Jeffrey R. Mazzeo, Ph.D., Director, Applied Technology, Waters Corp.
- Uwe Neue, Ph.D., Director of External Research, Chemistry Operations, Waters Corp.
- Horacio N. Pappa, Ph.D., Senior Scientist, General Policies and Requirements Division, USP
- Eike Reich, Ph.D., Member, Dietary Supplements -General Chapters Expert Committee and Head of Lab, Camag
- Lloyd R. Snyder, Ph.D., LC Resources, Inc.

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## **SESSION I**      **Column Equivalency** **Thursday, September 28, 2006    (8:30 a.m.–12:00 noon)**

**Session Leader:** Margareth R. Marques, Ph.D.

### Session Speaker(s):

- 8:30 a.m.      **Introduction**—Margareth R. Marques, Ph.D.
- 8:45 a.m.      **USP Working Group on HPLC Columns**—Horacio Pappa, Ph.D.
- 9:30 a.m.      **The Selectivity of Alkylsilica Columns. An update of the PQRI Approach**—Lloyd R. Snyder, Ph.D.
- 10:15 a.m.     **The USP web site on Column Equivalency**—Margareth R. Marques, Ph.D.
- 11:00 a.m.     **Discussion Panel**—All speakers

**Session Format:** Presentations followed by a panel discussion

**Session Description:** Discussion of the approaches on HPLC column equivalency and introduction of the USP website on column equivalency

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## **SESSION II**      **Topics on Chromatography** **Thursday, September 28, 2006    (1:30 p.m.–5:00 p.m.)**

**Session Leader:** Horacio Pappa, Ph.D.

### Session Speaker(s):

- 1:30 p.m.      **Introduction**—Horacio Pappa, Ph.D.
- 1:30 p.m.      **Orthogonal Separation of Gradient Elution: A New Look at an Old Technique**—Lloyd R. Snyder, Ph.D.
- 2:15 p.m.      **Reproducibility of HPLC Columns**—Uwe Neue, Ph.D.
- 3:00 p.m.      **Transferring HPLC methods to UPLC for Improved Resolution, Sensitivity and Speed**  
—Jeffrey R. Mazzeo, Ph.D.
- 3:45 p.m.      **Recent Advances in TLC**—Eike Reich, Ph.D.
- 4:30 PM        **Discussion Panel**—All speakers

**Session Format:** Presentations followed by a panel discussion

**Session Description:** Discussion on some topics of general interest on chromatography

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