

Dissolution Calibration and Testing Workshop

Todd L. Cecil, Ph.D.,

Senior Scientific Associate,

USP, 12601 Twinbrook Parkway, Rockville, MD 20852.

A workshop on dissolution calibration and testing, co-sponsored by the American Association of Pharmaceutical Scientists and the United States Pharmacopeia, will be held September 28-29, 1995, in Alexandria, Virginia. The day-and-a-half meeting will address three major areas of dissolution science: USP calibration, alternative calibration methods, and in vivo-in vitro correlations. Speakers from the United States (USP, FDA, and industry) and Europe are scheduled to make presentations, to be followed by panel discussions, wherein an open forum will be established between speakers and registrants.

The major focus of this workshop is calibration of USP dissolution equipment, in particular, apparatus 1 (basket) and apparatus 2 (paddle). USP routinely responds to a large number of calibration complaints that are directly related to incorrect dissolution techniques.

The morning of September 28 will be devoted to presentations designed to aid bench chemists and supervisors in conducting dissolution experiments. The afternoon session will offer a forum

for the discussion of alternatives to the USP calibration procedures. This session is designed to present new, interesting alternatives to the USP tests. A panel discussion will follow the presentations. The goal of this panel discussion is to foster the exchange of constructive ideas. USP is interested in hearing about potential replacements or improvements to the current calibration methods.

The final session on the morning of September 29 is a tutorial about in vivo-in vitro correlations. This topic has generated a great deal of discussion in the last several years, but typically among middle and upper levels of management. The focus group for this workshop, bench chemists and supervisors, have not been included in these in vivo-in vitro discussions. Because it is the bench chemists who will be doing the work and the calculations, a basic tutorial is in order.

This meeting is open to AAPS and non-AAPS members. Registration includes lunch and a reception on September 28.

If you would like more information, please call the AAPS at (703) 548-3000.