



Press Release

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Polysciences, Inc. to Present a One Day Interactive Forum Histological Applications & Techniques for Bone, Biomaterials and Medical Device Implants

January 2013, Warrington, PA — Polysciences, Inc. is proud to present an interactive one day forum focusing on Histological Applications & Techniques for Bone, Biomaterials and Medical Device Implants. You are invited to join us on May 4th, 2013 in Cambridge, MA near the campus of MIT as our panel of expert histologists, with a combined experience of 90+ years in working with these histological specimen types, help you to further your knowledge and understanding of these specialized topics and how this information can better serve in the development of relevant disease models and the efficacy and safety of therapeutic treatments.

What to expect

Throughout the day we will identify and focus on several conventional histological applications and techniques employed and most often required to collect usable data from a variety of preclinical and clinical research specimens. Topics will cover such things as:

- Understanding how proper grossing directly affects fixation and decalcification of bone
- The true concept of “end point” determination in decalcification and its effect on sectioning and staining quality
- Understanding resin characteristics and how they apply to the histology of biomaterial and medical device implanted tissues
- How to select and optimize histology techniques to optimize endpoint analyses
- Immunostaining techniques to enhance immunoreactivity within resin/plastic embedded tissues
- Identifying and understanding key elements for use of resins/plastics with histological specimens
- Distinguishing between several types of microtomy and the equipment employed for use with resin/plastic embedded tissues
- Contrast and comparison of the staining differences between paraffin, MMA, GMA and epoxy resins
- Theory behind the staining techniques associated with GMA, MMA and epoxy resins
- Overview of resource lists, products and expected results for routine and special staining of resin/plastic sections

The forum includes 4 expert speakers, all course materials, meals and program book of the event. Attendees will receive 6 contact hours through the National Society of Histotechnology.

Who Should Attend?

- Lab Supervisors/Managers
- Histotechs/Cytotechs in Clinical, Veterinary and Research Settings
- Students interested in a Histology Career
- Histology/Histotechnology Teachers

About Polysciences, Inc.

Polysciences, Inc. is a leading manufacturer of laboratory products and specialty monomers/polymers for microscopy, histology, biotechnology, electronics and other industrial applications headquartered in Warrington, PA. While Polysciences offers a full line of off-the-shelf products for the medical, life sciences, and research communities, its specialty is developing custom-synthesized polymers and monomers for customer-specific needs. Polysciences produces encapsulants and other specialty products for the electronics industry, and is an FDA/cGMP facility for the manufacture and packaging of ultra-pure specialty products for the healthcare, pharmaceutical, and personal care industries. Polysciences has a more than 40-year history of successful partnerships with industry in developing new materials for emerging applications. Polysciences, Inc. maintains facilities in Warrington, PA, Eppelheim, Germany and Taipei, Taiwan. In addition, its wholly owned subsidiary, Bangs Laboratories, Inc. is located in Fishers, IN.