Nucleophilic attack

A Publication of the American Society for Pharmacology and Experimental Therapeutics

Edited for the Society by James R. Halpert
DuPont is seeking a Metabolism & Mechanistic Toxicologist to work at Haskell Laboratory in Newark, Delaware. Haskell Laboratory for Health and Environmental Sciences is a full service toxicology laboratory.

The successful candidate will be responsible for the development of several technologies in biochemistry, genetics and computational toxicology aimed at supporting the future toxicology needs of DuPont and potential third-party clients and alliances. These include computational metabolism and toxicity screening and in vitro approaches to assessing toxicology liabilities early in the product development path. The candidate will design, conduct, and perform interpretation of appropriate studies to address potential human health or environmental hazard and risk of new or existing chemicals and effectively communicate findings to business and scientific audiences. This candidate will also and function as a scientific team leader in a metabolism and mechanistic toxicology research group.

The qualified candidate will possess a PhD in Biomedical Science, Biochemistry, Metabolism, Computation Chemistry, or related field of study. Must have demonstrated expertise in mammalian metabolism chemistry and metabolite identification. Functional experience with in vitro assays and mammalian tissue culture techniques is required, as is functional experience with in-life dosing and tissue collection techniques. Experience in extraction technology and quantitative analytical separations chemistry such as GC and/or HPLC and methods of detection/analysis such as NMR, UV, radiometric and mass spectrometric technique is needed. Candidate must have excellent written and verbal communication skills and demonstrated ability to effectively function as a member of a high-performance toxicology team. Experience in quantitative risk assessment, ADME expertise, and computational toxicology experience, molecular biochemistry experience is preferred.

DuPont offers an attractive salary and comprehensive benefits. Qualified candidates should apply online at www.dupont.com/careers to Job #RES00310

At DuPont, our world is our concern. www.dupont.com

Take Advantage of Email Alerts

A free service providing email-based alerts for ASPET’s journals!

Customize alerts to meet your needs:

- Announcements
- Future Tables of Contents
- Fast Forward (publish-ahead-of-print) articles
- Tables of Contents
- CiteTrack Alerts including:
  - Citation Alerts
  - Keyword & Author Alerts

Create your alerts at:

JPET.aspetjournals.org/subscriptions
PHARMREV.aspetjournals.org/subscriptions
MOLPHARM.aspetjournals.org/subscriptions
DMD.aspetjournals.org/subscriptions
MOLINTERV.aspetjournals.org/subscriptions
In Vitro Technologies introduces CYPreme™
Pooled Human Liver Microsomes – the next
generation of liver microsome products.

**High activity.** Optimized preparation
procedures yield microsomes with high
CYP450 activity levels.

**Pooled lots.** Use CYPreme pooled human
liver microsomes to predict "average human"
metabolism of a chosen compound.

**Convenience.** CYPreme microsomes are
stable at -70°C, allowing you to store lots
for use in scheduled experiments.

**Readily available.** Each lot is prepared
in large batches, so you can consistently
use the same lot of microsomes across
experiments.

**Highest quality.** These are the same
microsomes we use in studies for contract
clients, providing you extra assurance on
the quality that you’ve come to expect
from In Vitro Technologies.

**Choice.** Available in 10-, 20-, and
100-mg sizes.

In Vitro Technologies—the easy solution
to your research needs.

For more information, call In Vitro
Technologies at 888-488-3232 or visit our