

Webinar Recording Available: Acetaminophen-Induced Liver Toxicity Mechanisms, Diagnosis and Treatment

Members of C-Path's Predictive Safety Testing Consortium (PSTC) were among the featured facilitators and speakers of an educational webinar, sponsored and hosted by the Clinical and Translational Toxicology Specialty Section of the Society of Toxicology, on acetaminophen (APAP) induced liver toxicity.

With a duration of 1 hour and 12 minutes, this Oct. 30, 2018 event included discussion of APAP-induced liver toxicity mechanisms, diagnosis and treatment, including:

- The basic mechanisms of APAP-induced hepatocyte cell death in mice and the translational application to human hepatocytes and humans, with the thought that an understanding of these mechanisms may lead to potential new therapeutic targets.
- Liquid biopsies and their use in identifying mechanisms of APAP toxicity in humans, and the use of various biomarkers for early diagnosis and prediction of the potential outcome of APAP toxicity and acute liver failure.
- And finally, the clinical diagnosis of APAP overdose using protein adduct detection methods and applications, as well as clinical treatment of liver toxicity, in order to provide a bench-to-bedside translation of the preclinical data presented.

The webinar closes with a panel discussion to further integrate the information presented.

The webinar, as well as presenter slides, can be found at :

<http://www.toxicology.org/groups/ss/ctss/events.asp>