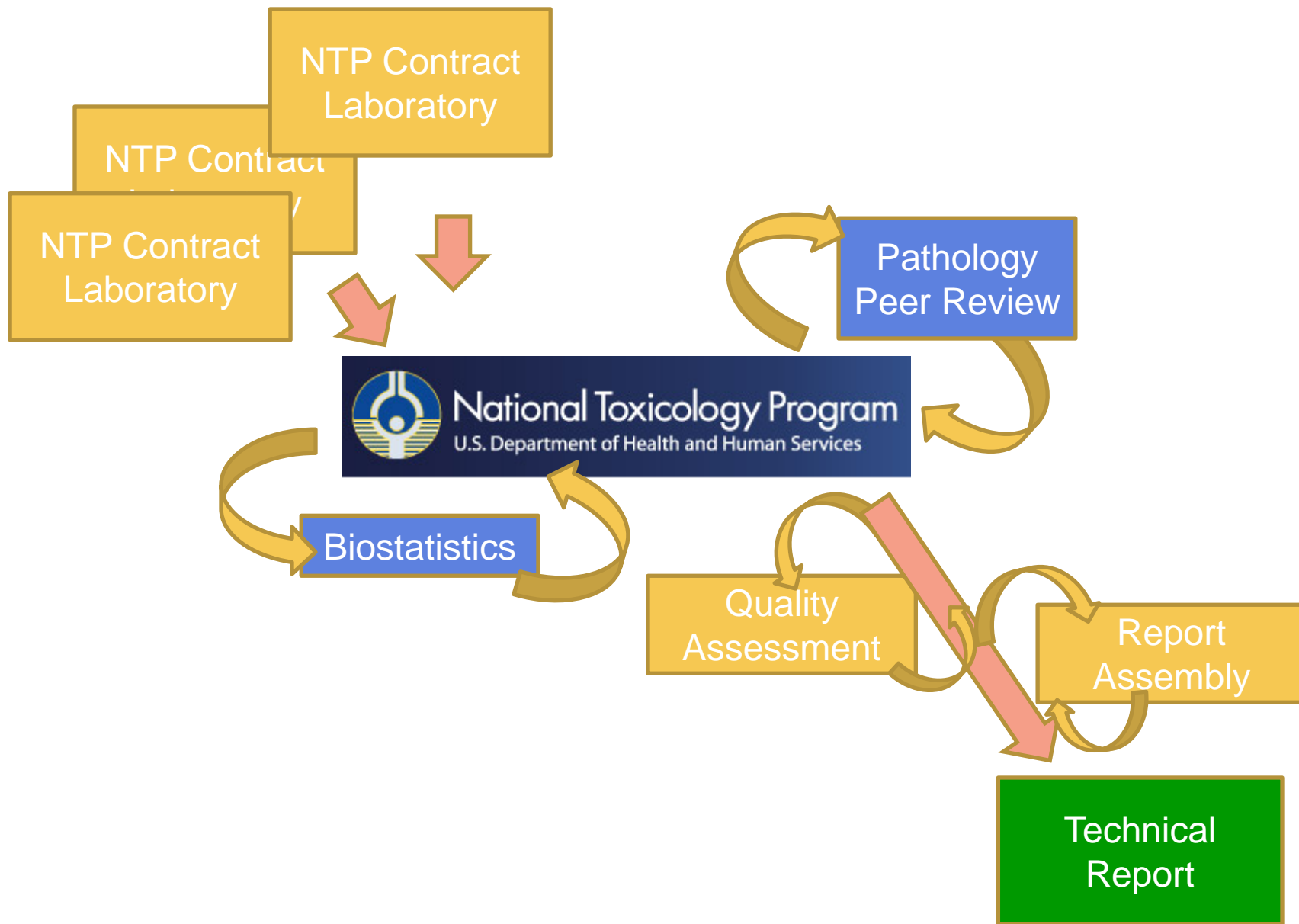

Contract Concept: Support for Toxicological Data for the NTP

Jennifer Fostel, Ph.D.
Program Operations Branch
National Institute of Environmental Health Sciences

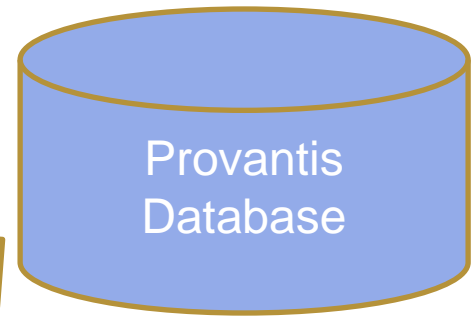
NTP Board of Scientific Counselors Meeting
10 December 2014



- Ensure that NTP toxicological endpoint data, study meta-data and summary / conclusion data are housed efficiently and completely in the NTP data system
- Ensure that NTP data from toxicological studies are available in an accurate, effective and biologically meaningful context
- Support decision-making by NTP scientists, other government agencies and the public at large about the hazards associated with exposure to environmental toxicants



NTP Contract Laboratories



Standardized

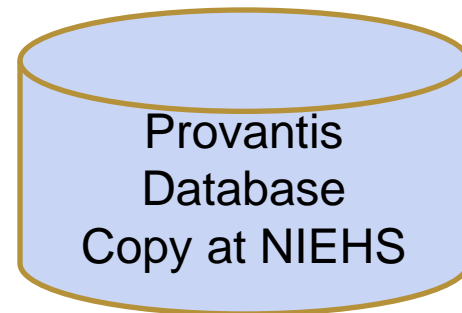
- Lexicons
- Measurements
- Work schedule activities
- Statistical methods

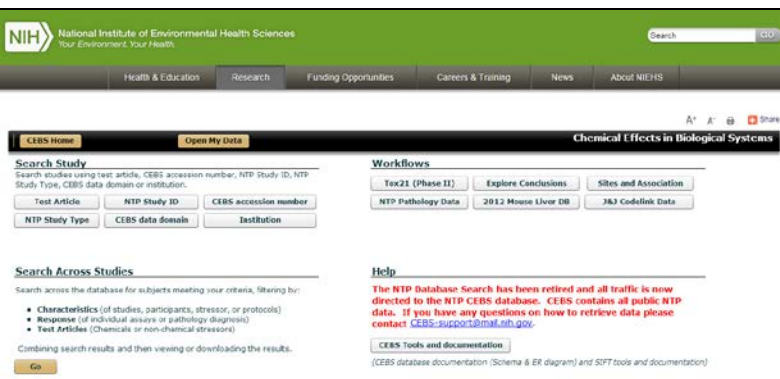
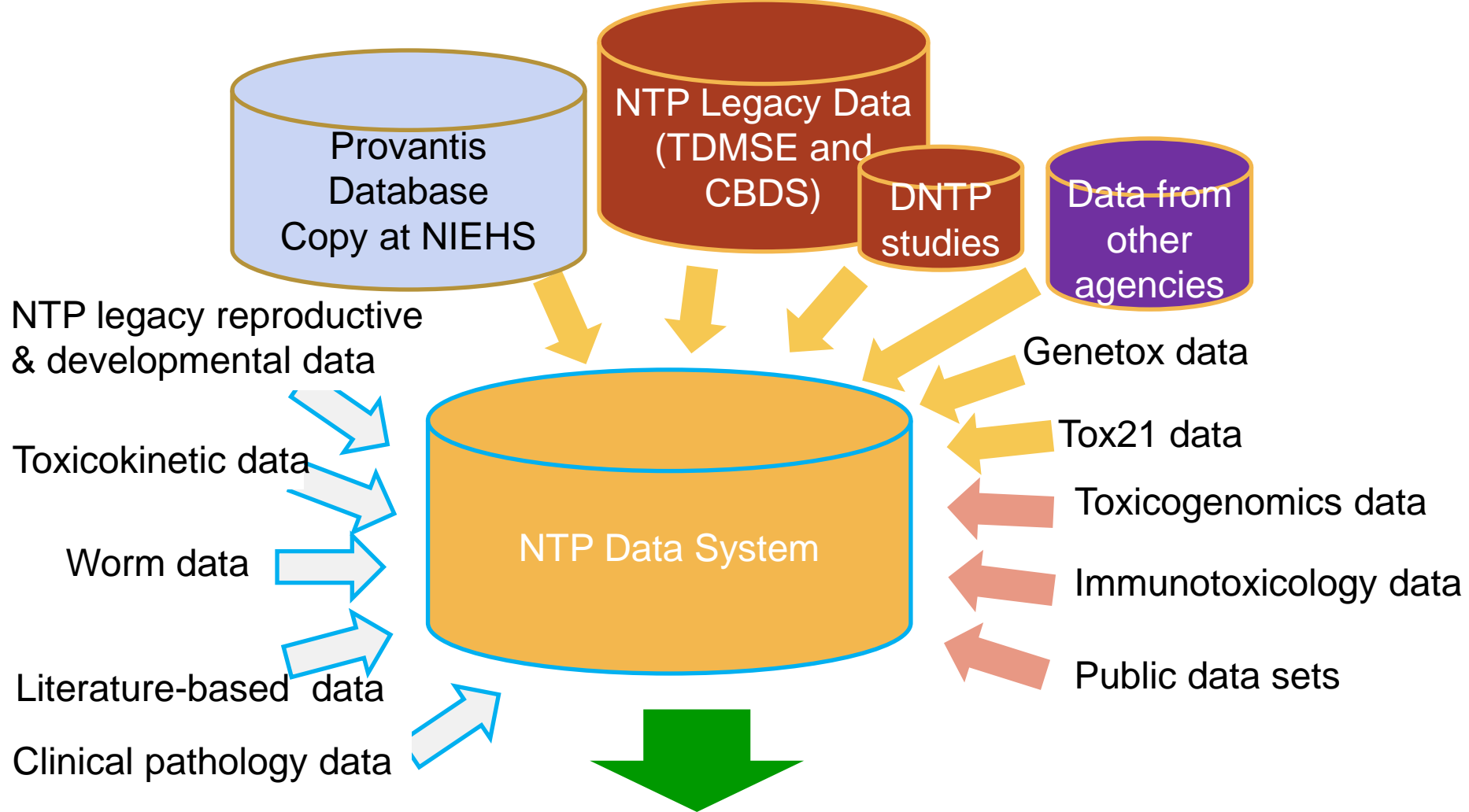


Tables for contract lab report appendices



NTP data for review





- View / download public NTP data
- Search NTP conclusions
- Integrate data from different studies/data domains
- Reformat data for review
- Incorporate NTP-approved statistical methods



- Increasing diversity of toxicological data
- Management and integration of numerous data streams
- Increasing complexity of NTP study designs
- Need for scientists with expertise in toxicology and experience in toxicological testing to make recommendations regarding:
 - Presentation of diverse data
 - Integration across data domains, studies
 - Endpoint design using Provantis[®]
 - Study logistics / Provantis[®] work schedules and activities



- House NTP data efficiently and completely in the NTP data system
- Support the use of NTP's version of Provantis[®] for data capture and data reporting
- Support training and publication
- Maintain, enhance and extend current functions of the NTP data system
- Make NTP data available in an integrated, biologically-meaningful context to enhance decision-making



- NTP seeks comment and approval from the NTP Board of Scientific Counselors for the contract concept, considering the overall value and scientific relevance as well as fulfilling the program's goal of protecting public health
- The NTP seeks approval from the BSC to use a contract mechanism for this type of activity