

US EPA ARCHIVE DOCUMENT

Session I- Wednesday Morning - Biology

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New Bioassays – EPA Bioassays?

- Potential Use Determines Bioassay
 - Non Regulatory Uses
 - Regions Needs are Diverse
 - The More Tools to Select From the Better
 - Need List of Tools and Their Applications
 - Regulatory Uses
 - None at this time
 - Many barriers still exist
- EPA Fish & Frog Bioassays Promising

Which Pharms First?

- Ones that are known to cause impacts
- Informatics approach is promising
- MOA-based TIE approach
- Start with known population effects and work from there
- Getting toxicity data prior to use
- Differentiate sources

Method Gaps

- Extrapolation from Lab to Field
- Lack of resources in the right place at the right time

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