OSHA Regulations for the Research Lab, What’s New

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Protecting the Health & Safety of Research Laboratory Workers
Federal & State OSHA Regulations

- Federal & State Regulations that have Specific Requirements for Laboratories
- What’s New in Federal & State Regulations
- Recent Federal & State Programs & Guides
- State Unique Regulations that go beyond Federal Requirements
OSHA Regulations with Specific Requirements for Laboratories

- Occupational exposure to hazardous chemicals in laboratories
- Bloodborne pathogens
- 13 Regulated carcinogens
OSHA General Industry Regulations that Apply to Laboratories

- Airborne contaminant PELs
- Personal protective equipment
- 1st aid / emergency eyewash
- Formaldehyde and other substance specific health standards
Recent OSHA Regulation changes

- **Chromium final rule in 2006**
  - 5ug/m3 PEL
  - Exposure determination
  - Medical monitoring

- **Respiratory Protection for TB in 2004**
  - TB covered by general respirator regulation
  - Annual fit testing enforcement

- **Bloodborne pathogen update in 2001**
  - HCV added
  - Needleless systems
  - Sharps log
Recent OSHA Programs and Guides

• Targeted Inspections
  – High exmod employers
  – High hazard industries & PSM

• Alliances & voluntary protection programs
  – AIHA, ACC, ABSA

• Best practice guides
  – Glutaraldehyde
  – Mold
  – Ergonomics and other hazards.
Recent State OSHA Regulations

- Biosafety cabinet ventilation
- Ergonomics
- Mold remediation
- Updated PELs including Glutaraldehyde
Federal & State Regulation
Changes under Development

- Respirator APF
- Lab Hood VAV systems
- Aerosol transmissible diseases
- PEL updates including SEN notation
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