



## Risk Assessment Based Biosafety Training (RABBT)

### The Why behind the What

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## RABBT

- A training approach that uses risk assessment as the foundation and an ongoing theme
- RABBT creates a frame of reference to promote effective risk communication and risk management using a biosafety agenda.

# RABBT

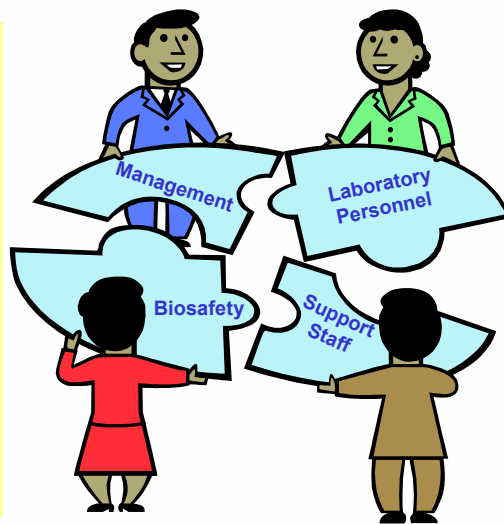
## Keys to success

- **Understanding**
- **Effective implementation**



# Communication

- **Traditionally**
  - Differing missions
  - Lack of cooperation
  - **Limited** Biosafety staff
- **RABBT**
  - Complementary missions
  - Accepting
  - **Increases** Biosafety staff



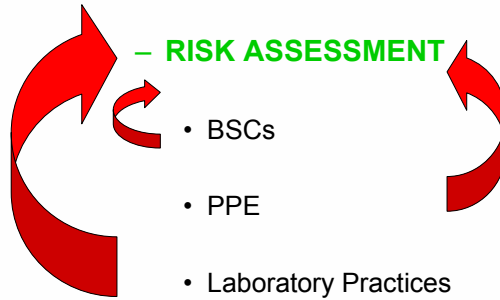
# Biosafety Training

- **Historically**



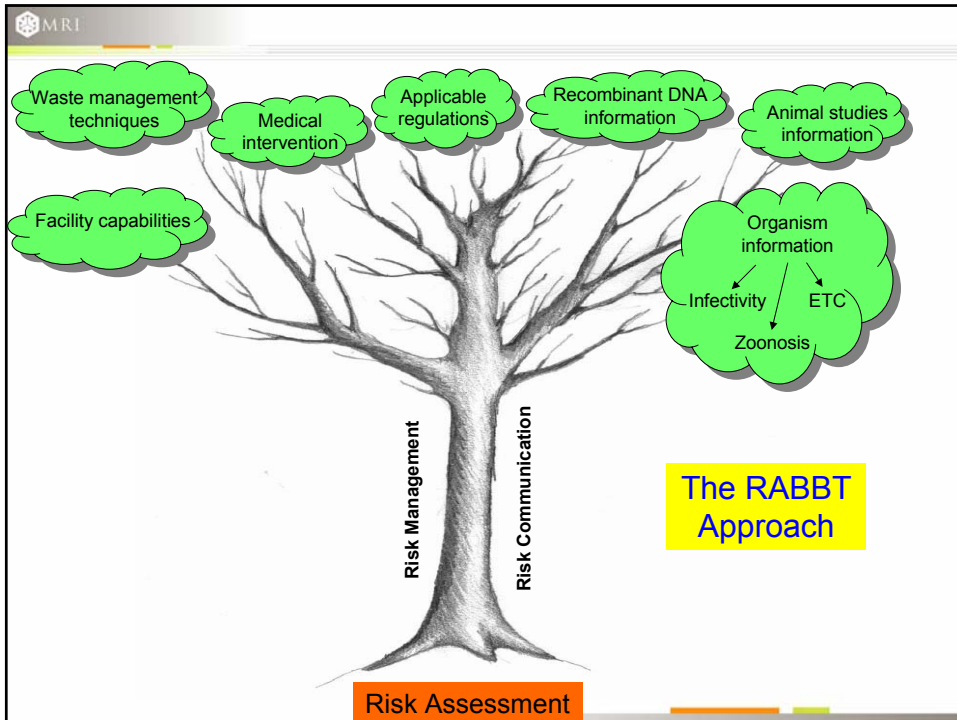
- PPE
- BSCs
- Laboratory Practices
- Risk Assessment

- **RABBT**



## Risk Assessment Based Biosafety Training (RABBT)

- **Goal**
  - Paradigm shift
  - Provide tools
  - Proactive and reactive
- **Focus**
  - Training
    - Laboratory Personnel
    - Management
    - Support Staff



## Fundamentals

- Risk assessment = **First** and fundamental step in biosafety
- Risk assessment = core concept throughout training
- All roads lead to risk assessment
- Risk assessment → **practical, safe and cost effective** solutions

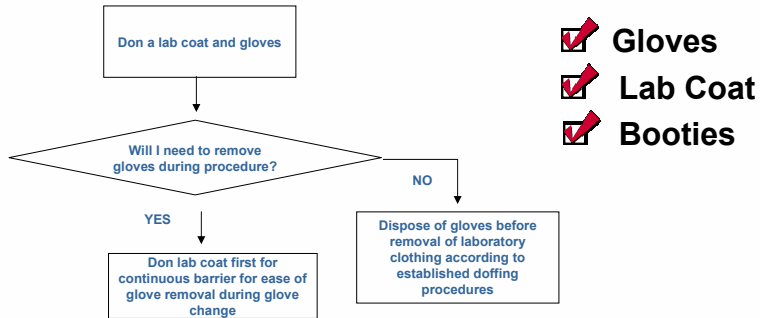
# Implementation

- Identifies outside organizations and regulations
  - OSHA
  - USDA
  - CDC
- Defines responsibilities and resources
- Reference perspective
  - BMBL 5<sup>th</sup> edition
- Practical for all audiences



## The Why behind The What

### Flow chart vs. Checklist



What I see and what I *don't* see

## Examples

- Equipment Specific RABBT



- Unusual risks
  - Unconventional route of infection
  - High risk procedures

## 4 Steps to Success

1. Train Risk Assessment **FIRST**
2. Relate all safety topics to how they affect the Risk Assessment process
3. Promote Risk Communication dialogue
4. Encourage support of Risk Management through team approach  
Through teamwork  
Everyone  
Achieves  
More effective Biosafety

## RABBT Results



- Acceptance
- Support
- Training/mentoring opportunities
- Applicable
- Practice trials

Increased awareness = BIOSAFETY CULTURE

## Conclusion



### RABBT:

- Exploits existing tools
- Risk assessment as foundation and on-going theme
- Promotes effective risk communication and risk management using a biosafety agenda

**= more effective biosafety program**



## Acknowledgements

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No humans were harmed in the making of this presentation.

# Questions?

