

# **Practical Biosafety Training**

16<sup>th</sup> – 17<sup>th</sup> June 2015

Organized by  
Center for Occupational Safety, Health  
and Environment Management:

**COSHEM**

17<sup>th</sup> Floor Rajanakarindra Building,

**Faculty of Tropical Medicine**

# Opening

- *Prof. Dr. Yaowalak Sukthana, Dean of Faculty of Tropical Medicine*



# Lectures

- **Risk Assessment of Microorganisms and Materials Containing Recombinant DNA**

*Prof. Dr. Srisin Khusmith,  
Faculty of Tropical Medicine,  
Chair of MU-IBC*



- **BSL-2 and BSL-3**

*Assoc. Prof. Dr. Suda  
Louisirirotchanakul,  
Faculty of Medicine Siriraj  
Hospital*





- **BSL-2 Enhanced**  
*Mr. Boonchuay*  
*Eampokalap, MOPH*



- **PPE and Spill Kit**  
*Assist. Prof. Chonlaphat*  
*Sukasem, Faculty of*  
*Medicine Ramathibodi*  
*Hospital*



- **Transportation of Biological Materials**  
*Ms. Amorn Upakaew, AFRIMS*



- **Waste Management**

*Mr. Suwat Dumnin,  
Faculty of Medicine Siriraj Hospital*



- **Biosafety Cabinet**

*Dr. John Huan, ESCO*

# Practices

- 1. Transportation of Biological Materials
- 2. PPE (Personal Protective Equipment)
- 3. Spill Response



# Spill Response

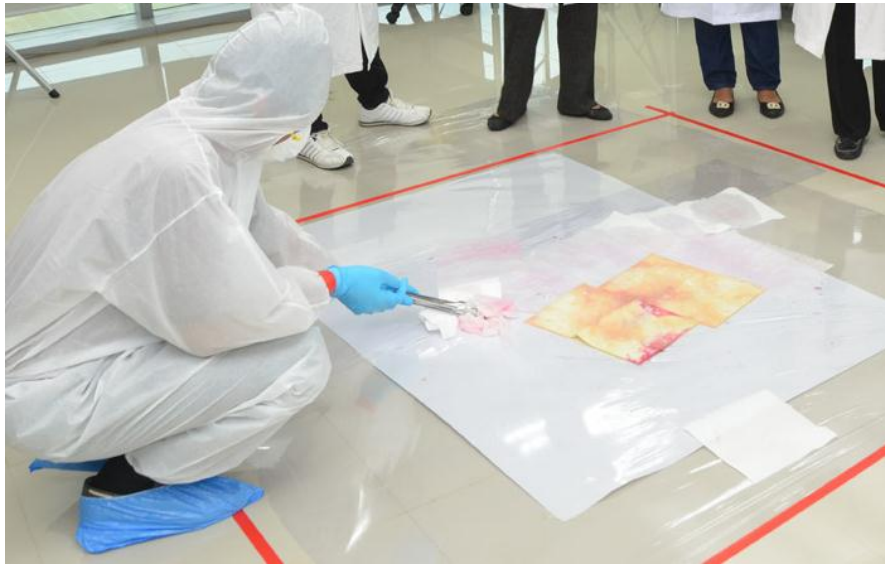


- ➔
- Inform other lab staffs about the incident
  - Place signs around the area to warn others



- ➔
- Cover the spill with the absorbent
  - Gently pour the freshly made sodium hypochloride solution over





- Scrape off the disinfected area
- Use the forceps pick up the absorbents, do not use hands!



- Spray off the area with 70% ethanol
- After done with the cleaning of spill, take off the PPE

