



Workshop on “Fundamental Biosafety for BSL-2”

(English Version) November 28-29, 2024

Stang Mongkolsuk Building, Faculty of Science, Mahidol University (Phaya Thai)

DAY 1: November 28, 2024 (Thursday)	
Time	Topics/Lecturers
08:15 – 08:30	Registration
08:30 – 08:45	Welcome speech by Associate Professor Dr. Pasit Pakawatpanurut
08:45 – 09:00	Assessment of Knowledge (pre-test)
09:00 – 10:00	Lecture 1: Regulation of Biological Materials: International, National & Institutional Policies
10:00 – 10:20	Morning break
10:20 – 11:10	Lecture 2: Fundamentals of Biosafety and Biosecurity
11:10 – 12:00	Lecture 3: Risk Assessment and Management
12:00 – 13:00	Lunch
13:00 – 13:50	Lecture 4: Engineering Controls
13:50 – 14:40	Lecture 5: Safety Equipment
14:40 – 15:00	Afternoon break
15:00 – 16:00	Lecture 6: Medical Surveillance and Biosafety in Animal Research
16:00 – 17:00	Lecture 7: Standard Operational Procedures



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DAY 2: November 29, 2024 (Friday)	
Time	Topics/Lecturers
08:15 – 08:30	Registration
08:30 – 09:20	Lecture 8: Disinfection
09:20 – 10:10	Lecture 9: Waste Management and Emergency Responses
10:10 – 10:30	Morning break
10:30 – 11:00	Lecture 10: Transportation of Biomaterials
11:00 – 12:00	Lecture 11: Personal Protective Equipment (PPE)
12:00 - 12:30	Lecture 12: Biosafety and Recombinant DNA technology
12:30 – 13:30	Lunch
13:30 – 16:00	Team dividing and attendance check Workshop 1: Biosafety Cabinet and Biological Waste Management (30 min) Workshop 2: Gown, Gloves, Eye Protections and Hand Hygiene (30 min) Workshop 3: Spill Kit and Emergency Spill Cleanup (30 min) Workshop 4: Transportation Inside/Outside Laboratory (30 min)
16:00 – 16:15	Afternoon break
16:15 – 16:45	Assessment of Knowledge (post-test)
16:45 – 17:00	Conclusion for the workshop

*Participants, who attend **at least 80%** (participant signatures and activity-based sheets) and have a **post-test score of more than 70%**, will receive a certificate for passing this workshop (Valid for 3 years), which can be used to apply for biosafety and biosecurity project certification under the Thai regulation.