



## Workshop on “Fundamental Biosafety for BSL-2”

(English Version) December 14-15, 2023

Faculty of Science, Mahidol University (PhayaThai)

DAY 1: December 14, 2023 (Thursday)	
Time	Topics/Lecturers
08:15 – 08:30	Registration
08:30 – 08:45	<b>Course Overview and Orientation</b>
09:45 – 09:00	Assessment of Knowledge (pre-test)
09:00 – 10:00	<b>Lecture 1: Regulation of Biological Materials: International, National &amp; Institutional Policies</b> Professor Dr. Chonlaphat Sukasem, B. Pham., M.P.M., Ph.D
10:00 – 10:20	Morning break
10:20 – 11:10	<b>Lecture 2: Fundamentals of Biosafety and Biosecurity</b> Assistant Professor Dr. Metha Meetam
11:10 – 12:00	<b>Lecture 3: Risk Assessment and Management</b> Associate Professor Dr. Marisa Ponpuak
12:00 – 13:00	Lunch
13:00 – 13:50	<b>Lecture 4: Minimizing Biohazards in Animal Research</b> Assistant Professor Dr. Nattapon Panupinthu
13:50 – 14:40	<b>Lecture 5: Disinfection and Waste Management</b> Associate Professor Dr. Pornthip Chaichompoo
14:40 – 15:00	Afternoon break
15:00 – 16:00	<b>Lecture 6: Emergency Preparedness and Medical Surveillance</b> Associate Professor Arunee Thitithanyanont
16:00 – 17:00	<b>Lecture 7: Personal Protective Equipment (PPE)</b> Assistant Professor Dr. Adisak Romsang

DAY 2: December 15, 2023 (Friday)	
Time	Topics
08:30 – 09:00	Registration
09:00 – 10:20	<b>Lecture 8: Engineering Controls and Safety Equipment</b> Assistant Professor Dr. Adisak Romsang
10:20 – 10:40	Morning break
10:40 – 11:30	<b>Lecture 9: Standard Operational Procedures</b> Associate Professor Dr. Kornkamon Lertsuwan
11:30 – 12:00	<b>Lecture 10: Transportation of Biomaterials</b> Assistant Professor Dr. Metha Meetam
12:00 – 12:30	<b>Lecture 11: Recombinant DNA Technology and Biosafety</b> Assistant Professor Dr. Adisak Romsang
12:30 – 13:30	Lunch
13:30 – 16:00	<p>Team dividing and attendance check</p> <p><b>Workshop 1: Biosafety Cabinet and Biological Waste Management (30 min)</b> Team A: Assoc. Prof. Dr. Pornthip Chaichompoo Team B: Assoc. Prof. Dr. Patompon Wongtrakoongate</p> <p><b>Workshop 2: Gown, Gloves, Eye Protections and Hand Hygiene (30 min)</b> Team A: Assoc. Prof. Dr. Kornkamon Lertsuwan Team B: Assist. Prof. Dr. Worawit Suphamungmee</p> <p><b>Workshop 3: Spill Kit and Emergency Spill Cleanup (30 min)</b> Team A: Assist. Prof. Dr. Adisak Romsang Team B: Assist. Prof. Dr. Thawatchai Chaijarasphong</p> <p><b>Workshop 4: Transportation Inside/Outside Laboratory (30 min)</b> Team A: Assoc. Prof. Dr. Surang Chankhamhaengdecha Team B: Assist. Prof. Dr. Metha Meetam</p>
16:00 – 16:15	Afternoon break
16:15 – 16:45	Assessment of Knowledge (post-test)
16:45 – 17:00	<b>Conclusion for the workshop</b>

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