Mahidol University
Faculty of Tropical Medicine

CERTIFICATE

OF ATTENDANCE

This is to certify that

Boonying Prathum

Attended the training course

Human Subject Research in Applied Science

Completion Date: 30/08/2025

Expiration Date: 29/08/2028

Organized by
Faculty of Tropical Medicine, Mahidol University

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Completion date: 30/08/2025
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Human Subject Research in Applied Science

- Research Involving Human Subjects
- History and Ethics of Human Subjects Research
- Institutional Review Board (IRB) Composition, responsibility and review process
- Types of protocol review
- Recruitment process, Informed consent process, Reconsent process, Informed opt-out
- Modifications and waivers of informed consent
- Informed Consent Process for Internet Research and Electronic Informed Consent
- Risk and benefit assessment / Risk management
- Conflicts of Interest in Human Subjects Research
- Research integrity
- Biomedical science: Records-based research
- Medical devices
- Emerging technology
- Privacy and confidentiality
- PDPA related to medical research
- Laws and regulations related to research
- Data sharing and material transfer agreement
- Informed consent in emergency research
- Broad informed consent
- Community Engagement & Sensitization
- Research Involving mothers and child
- Research Involving Incapable person, Prisoners, Institutional subordinate
- Research Involving minority group
- Consideration regarding stigmatization and discrimination in vulnerable groups
- Research administration and management
- Social science research
- Biomedical science: Hospital-based research
- Community-based research
- Laboratory-based research
- Herbal and traditional medicine
- Human genetics
- Biobank
- Multicenter research
- Ethics in human research on traditional Thai medicine and alternative medicine
- Ethical consideration of generative AI in academic and research
- Safety report
- Deviation/Violation report
- Overview of International Council for Harmonisation (ICH)
- Sponsor responsibilities / Sponsor obligations in FDA-regulated research
- Audits, inspection, and monitoring of research studies
- Investigator's responsibilities
- Data governance
- Essential documents
- Managing investigational agents according to GCP requirements
- Role and responsibilities of sponsor_ICH GCP E6 (R2) & (R3)