

PANTHITA KAEWJANTHONG

MOLECULAR GENETICS SCIENTIST



PROFILE

Khun Panthita Kaewjanthong is a professional in Molecular Genetics and expertise in development and execution of genetic. Specialize in human genetics testing.

EDUCATION

- DOCTOR OF PHILOSOPHY IN CLINICAL BIOCHEMISTRY & MOLECULAR MEDICINE (DUAL MASTER & PH.D. DEGREE)
Faculty of Allied Health Sciences, Chulalongkorn University.
Bangkok, Thailand | 2014 - 2022
- BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY
(2ND CLASS HONS)
Faculty of Allied Health Sciences, Chulalongkorn University.
Bangkok, Thailand | 2009 - 2012

WORK EXPERIENCE

Genea (Thailand)

2025 - Present

- Molecular Genetics Scientist
- Conduct molecular diagnostic testing and genetic analysis in clinical cases.

Faculty of Allied Health Sciences, Chulalongkorn University

2022 - 2024

- Postdoctoral Fellow, Age-related Inflammation and Degeneration Research Unit
- Performed molecular and cellular techniques.
- Assisted and mentored graduate students in molecular biology techniques.

Bangkok Genome Center, Bangkok, Thailand

2022 - 2023

- Part-time Medical Technologist
- Performed Nucleic Acid Testing for SARS-CoV-2 (COVID-19) using real-time PCR.

Health Sciences Service Center, Faculty of Allied Health Sciences, Chulalongkorn University, Bangkok, Thailand

2019 - 2023

- Part-time Medical Technologist
- Established a COVID-19 diagnostic testing laboratory during the first wave of the pandemic and organized laboratory inventory management.

Microbiology Laboratory, Department of Microbiology, Faculty of Medicine, Siriraj Hospital, Mahidol University, Bangkok, Thailand 2013

- Medical Technologist
- Identified bacterial pathogens from clinical samples via microscopy, culture media, and biochemical testing techniques.

SCIENTIFIC MEETING/ TRAINING

2025

- **Participant** - The 1st AASMG Conjunction with the 6th MGGA Conference on Human Genetics, Medical Genetics and Genomics Association
- **Online Lecture** - "From Cells to Life: The Role of Medical Technologists in Reproductive Technology Laboratories"
- **Participant** - Thai Symposium & Workshop on Genomic Medicine, Therapeutics and Health, Thai Society of Human Genetics
- **Certificate of Attendance** - The 17th ATE Conference & General Assembly: The Embryologist Essentials 2025, Association of Thai Embryologist
- **Certificate of Attendance** - HiFi Sequencing for Human Health within Reach, VEGA PacBio Workshop
- **Participant** - The 4th Annual TSHG conference: Genomics Thailand in Action: Transforming Healthcare in Thailand
- **Certificate of Completion** - ISO 15189:2022 Medical Laboratories, The Medical Science Association
- **Certificate of Completion** - ISO 15189:2022 and ISO 15190:2020, Roche Diagnostics
- **Certificate of Attendance** - WYMM Tour Bangkok 2025, The Oxford Nanopore

2024

- **Certificate of Completion** - Genetic Counseling Training Program, Faculty of Nursing and Faculty of Medicine, Siriraj Hospital, Mahidol University
- **Participant** - Mini symposium presented by the Medical Science Program in collaboration with BGI, Faculty of Science, Chulalongkorn University

2023

- **Visiting Researcher** - School of Pharmacy, Faculty of Science, University of East Anglia (UEA), Norwich, UK - Thai-UK World-class University Consortium, British Council
- **Online Masterclass** - Thai-UK World-class University Consortium, British Council
- **Participant** - New Frontiers in Cancer Precision Medicine 2023, Faculty of Allied Health Sciences, Chulalongkorn University