



Bangkok, Thailand

PROGRAM

2025 AUA POSTGRADUATE ACADEMIC FORUM ON

**AI & Bioinformatics
in the Study of the Biology of
Aging & Age-related disease**



CONFERENCE DATES

MAY 14-16, 2026

VENUE



**MAHA CHULALONGKORN BUILDING,
CHULALONGKORN UNIVERSITY,
BANGKOK, THAILAND**



Organizers

**Chulalongkorn University and
Asian Universities Alliance (AUA)**

Day 1: Thursday 14 May 2026 (Room 105)

Registration (08:30 – 09:00)



Opening and Welcome Remarks (09:00 – 09:15)

Assistant Professor Dr. Tewin Tencomnao,
Dean, Faculty of Allied Health Sciences, Chulalongkorn University

Group photo



Plenary Lecture (20 mins+5 Q&A) (09:15 – 09:40)

Topic: Empowering Healthcare: AI and Bioinformatics Innovations for the Super-Aged Society

*Speaker: **Professor Dr. Sukit Limpijumnong***

President, National Science and Technology Development Agency (NSTDA)



Keynote Lecture 1 (20 mins+5 Q&A) (09:40 – 10:05)

Topic: Wellspan, not lifespan: what should AI-driven aging research be optimising for?

*Speaker: **Associate Professor Dr. Brian D. Earp***

National University of Singapore



Keynote Lecture 2 (20 mins+5 Q&A) (10:05-10:30)

Topic: From Comparative Biology to AI: What Long-Lived Animals Teach Us About Human Aging

*Speaker: **Professor Dr. Seung Joon Baek***

Seoul National University

Refreshment Break (10:30 – 10:45)

Panel Discussion (10:45 – 12:30)

Topic: AI and bioinformatics for biomedical research: Future impacts and Ethical consideration

Speakers:

- *Professor Dr. Seung Joon Baek, Seoul National University*
- *Professor Dr. Sanjeeva Srivastava, IIT Bombay*
- *Dr. Pasin Israsena na Ayudhya, NECTEC, NSTDA*

Moderators:

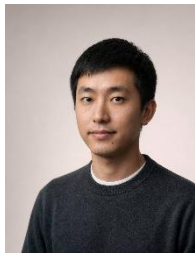
- Dr. James M. Brimson, Chulalongkorn University*
- Dr. Chanachai Sae-Lee, Chulalongkorn University*



Poster Session I (11:00 – 12:30)

** Presenters please standby at the poster display area**

Please see the presentation program



Lunch Talk (30 minutes) by Sponsors & Lunch Break (12:30 – 13:30)

Topic: Personal Multi-Omics and AI for Precision Aging and Longevity

*Speaker: **Dr. Haoyi Weng***

Vice President, WeGene

Oral presentation (13:30 – 15:15)

Room 103 & 105

Please see the presentation program

Refreshment Break (15:15 – 15:30)

Parallel workshop sessions (15:30 – 16:30)

Workshop I (Room 103)

Topic: *Manuscript preparation and AI applications for scientific writing*

Speakers:

Dr. James M. Brimson, *Chulalongkorn University*

Assistant Professor Dr. Anchalee Prasansuklab, *Chulalongkorn University*



Workshop II (Room 105)

Topic: *AI & Machine Learning*

Speaker: **Dr. Nattapong Langsiri**, *Chulalongkorn University*

Welcome dinner (18:00 – 20:00)

(All registered participants)

**Chulalongkorn University Faculty Association Restaurant on
M floor, Jula Jakrapong building (enter via parking lot side)**

Day 2: Friday 15 May 2026 (Room 105)

Registration (08:30 – 09:00)



Plenary Lecture (35 mins+10 Q&A) (09:00 – 09:45)

Topic: *Human-centric, inclusive approaches to robotics and AI for older people*

Speaker: **Professor Dr. Stuart Gietel-Basten**,
The Hong Kong University of Science and Technology

Symposium (09:45 – 10:45)

Topic: *Clinical Proteomics and Brain Tumors: Integrating BrainProt Database and DrugProtAI*
Speaker: **Professor Dr. Sanjeeva Srivastava**, *IIT Bombay*

Topic: *Encoding Longevity: Representation Learning and Latent Spaces in Biological Age Modeling*

Speaker: **Dr. Jakapun Tachaiya**, *Chulalongkorn University*

Topic: *From Data to Affordable Cures: AI-Driven Drug Repurposing and Biomarker Discovery in Cancer*

Speaker: **Professor Dr. Ivy Chung**, *Universiti Malaya*

Moderators:

Dr. James M. Brimson, Chulalongkorn University

Dr. Chanachai Sae-Lee, Chulalongkorn University



Refreshment Break (10:45 – 11:00)

Poster Session II (11:00 – 12:00)

** Presenters please standby at the poster display area**

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Lunch Talk (20 minutes) & Lunch Break (12:00 – 13:00)

Topic: *Toward Precision Oncology: Integrative Multiomics Biomarkers for Breast Cancer Identification*

Speaker: *Dr. apt. Rafika Indah Paramita, Universitas Indonesia*

Parallel Skill development sessions (13:00 – 14:15)



Workshop III (Room 105)

Topic: *Single cell transcriptomic analysis and visualization*

Speaker: *Assistant Professor Dr. Pattarin Tangtanatagul, Chulalongkorn University*



Workshop IV (103)

Topic: *Clustering analysis*

Speaker: *Dr. Nattapong Langsiri, Chulalongkorn University*

Refreshment Break (14:15 – 14:30)

Networking Session (14:30 – 16:00)

Group activity

Moderators:

Professor Dr. Sanjeeva Srivastava, IIT Bombay

Dr. Rafika Indah Paramita, Universitas Indonesia

Dr. Jakapun Tachaiya, Chulalongkorn University

Professor Dr. Ivy Chung, Universiti Malaya

Professor Dr. Stuart Gietel-Basten, The Hong Kong University of Science and Technology

Dr. James M. Brimson, Chulalongkorn University

Assistant Professor Dr. Tewin Tencomnao, Chulalongkorn University



Certificate/Award distribution (16:00 – 16:30)

Closing Remarks

Assistant Professor Dr. Tewin Tencomnao,

Dean,

Faculty of Allied Health Sciences, Chulalongkorn University

Day 3: Saturday 16 May 2026 (Optional)

Registration (08:30 – 09:00)

Chulalongkorn University Tour (09:00 – 10:15)

Meeting point: Chulapat 1 building

Facilitators:

Dr. Chanachai Sae-Lee, Chulalongkorn University

Assistant Professor Dr. Anchalee Prasansuklab, Chulalongkorn University



Refreshment Break (10:15 – 10:30)



Thai cooking class (10:30 – 12:00), Chulapat 14 building

Practice: Anti-ageing Thai food

Instructor: Assistant Professor Dr. Charoonsri Chusak,
Chulalongkorn University



Lunch (12:00 – 13:30), Chulapat 14 building

Closing session

Assistant Professor Dr. Siriporn Chuchawankul,
Assistant Dean, Faculty of Allied Health Sciences,
Chulalongkorn University

***** Prayer Room: Room 204, 2nd floor Maha Chulalongkorn Building**

Note: Advance notice will be provided for any changes. Please refer back to the program schedule for the latest updates. (updated on May 8, 2026)