MING LI PUBLIC ACADEMIC CV

Ph.D. Candidate in Chemistry (Biochemistry), Kyoto University
Department of Chemistry, Graduate School of Science | Institute for Life and Medical Sciences, Kyoto University
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PROFILE

Researcher working across protein biogenesis, membrane protein biology, translational regulation, and quantitative biology. Integrates experimental molecular biology with computational and genome-scale approaches to investigate protein synthesis, membrane integration, and cellular protein homeostasis.

RESEARCH INTERESTS

Protein biogenesis & membrane protein biology • Translational regulation & ribosome pausing • Ribosome profiling • Protein quality control • Quantitative & computational biology

EDUCATION

Kyoto University, Kyoto, Japan 2023-Present
Doctoral study in Science - Chemistry (Biochemistry); expected completion March 2027

Kyoto University, Institute for Life and Medical Sciences 2022-2023
Research Student

Ritsumeikan University, Shiga, Japan 2020-2022
M.Sc. in Life Sciences

Teikyo University, Japan 2016-2020
B.Sc. in Bioscience

PEER-REVIEWED PUBLICATION

SECIS element variability and its role in selenocysteine versus cysteine utilization in SelD enzymes
Masao Inoue, Riku Aono, Anna Ochi, Yukiko Izu, Toma Rani Majumder, Ming Li, Hisaaki Mihara
Metallomics Research, 4(3), reg26-reg36 (2024). | DOI

SELECTED CONFERENCE CONTRIBUTIONS

- ASBMB Annual Meeting (#DiscoverBMB), National Harbor, MD, USA (2026). Poster #97: “Mechanism of Homeostatic Regulation of the Protein Membrane Insertion Machinery Mediated by the ApcA Arrest Peptide in Rhodococcus erythropolis.”
- Poster Day 2025, Kyoto University, Kyoto, Japan. Poster & abstract: “Mechanism of Homeostatic Regulation of the Protein Membrane Insertion Machinery by an Arrest Peptide.”
- LiMe Retreat 2025, Institute for Life and Medical Sciences, Kyoto University, Awaji Yumebutai, Hyogo, Japan. Poster #P-30.
- RseP Research Workshop, Yokohama City University, Yokohama, Japan (2023). Oral presentation: “Exploring Substrate-specific Recognition Mechanisms of RseP by Photo-crosslinking Approaches.”

FELLOWSHIP & PROFESSIONAL MEMBERSHIPS

Research Fellow, Graduate Education Support Organization (DoGS), Kyoto University 2023-2027
Student Member, The Japanese Biochemical Society 2025-Present
Student Member, American Society for Biochemistry and Molecular Biology (ASBMB) 2026-Present

LEADERSHIP & PUBLIC SERVICE

Founder, KULink
Kyoto-based community initiative connecting people, experiences, and opportunities. https://kulink.jp

Kyoto Prefecture Honorary Friendship Ambassador 2024-Present

SELECTED PUBLIC WRITING

Li, M. (2026). “The Flow of Time in Kyoto” (京都で感じる時間の流れ). *Yui (友誼), No. 380, Japan-China Friendship Association, Sakyo Branch.*