

KHINE ZIN AUNG(MBBS, PhD)

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889-1601 Miyazaki City, Kiyotake town, Kihara 5200, Kiyotake dormitory C 218, Japan

- ✓ A medical doctor and researcher with 6+ years of experience working in the medical environment
- ✓ A dedicated and highly motivated Epidemiologist willing to work in a dynamic and challenging environment
- ✓ Effective and confident communicator with extensive knowledge and understanding in medical science
- ✓ Like to keep abreast of up-to-date pedagogics and learn multiple languages - JLPT N3, TOEIC 835, TOEFL 90, French basic



Working Experiences

04/2019 to 03/24

**PhD candidate, Graduate Research Assistant/ Teaching Assistant
Public Health Department, University of Miyazaki, Japan**

- Experiences with epidemiology and statistics in public health
- Methodology of cohort study and making mathematical models for infectious diseases
- Methods to detect gene polymorphisms (PCR, DNA, RNA extraction, cDNA synthesis) and oncological clinical trials
- Induction of autoantibody with injection of chemicals using animal experiments (ELISA, FCM)

03/2018 to 12/2019

Researcher

Histochemistry and Cell biology department, Miyazaki University, Japan

- Cell kinetics of mRNA, DNA, protein and transcriptional factors, investigations at the cellular and tissue levels by using molecular histochemical and molecular biological methods.

09/2017 to 03/2018

Medical officer

Thu Kha Sit Clinic, Yangon, Myanmar

- Treatment to patients, instruction to good habits and health education, consult about with disease conditions
- Counseling patients to get better life, day to day duties and responsibilities for clinical records

06/2016 to 06/2017

Medical Internship

North okkalarpa General Hospital, Yangon, Myanmar

- Wide knowledge of various medical fields, healthcare system, and disease management by studying in several basic science departments and undergoing clerkship in various hospitals.

Research Experiences

PhD research thesis

- Socio-Demographic, Health, and Transport-Related Factors Affecting the COVID-19 Outbreak in Myanmar: A Cross-Sectional Study–PMID: 36320974, PMCID: PMC9616012, DOI: 10.7759/cureus.29693
- Studies gene polymorphisms and urothelial carcinoma (taking blood from patients and DNA extraction, gene cutting and analysis)- plan to publish the research at 2023.

Studies as part of the research team of public health department,

- Data Analysis from National Cohort Survey (The Japan Environment and Children's Study (JECS) to detect the relation between allergic diseases in children and use of indoor heating methods
- Cohort study – Arsenic concentration in tube water and their effects on pregnancy and children in Myanmar
- Exposure of mineral oils and development of autoimmune diseases in mice (Injection of mineral oils to mouse, giving antibodies, immune blockers and taking blood for ELISA, FCM analysis and RNA extraction from spleen cells after a given period, cDNA synthesis).

Publications

- The Relations between Lithium Concentration in Drinking Water and Suicide Mortality Rate: A Systematic Review - Accepted in March,2021 at International Journal of Physical Medicine & Rehabilitation- DOI: 10.35248/2329-9096.21.9.593
- Socio-Demographic, Health, and Transport-Related Factors Affecting the COVID-19 Outbreak in Myanmar: A Cross-Sectional Study – PMID: 36320974, PMCID: PMC9616012, DOI: 10.7759/cureus.29693

Conferences

- The 91st conference of The Japanese Society for Hygiene (JSH) on March 08, 2021 (Presentation in Japanese)
Topic - Socio-Demographic, Health, and Transport-Related Factors Affecting the COVID-19 Outbreak in Myanmar: A Cross-Sectional Study
- Presentation at Graduate Student seminar, Miyazaki University about Research topics:
(a) The Relations between Lithium Concentration in Drinking Water and Suicide Mortality Rate
(b) Socio-Demographic, Health, and Transport-Related Factors Affecting the COVID-19 Outbreak in Myanmar

Education

04/2019 to 03/2023

- PhD (Medicine)
Public Health Department, University of Miyazaki, Japan

12/2011 to 06/2017

- M.B., B.S (Ygn)
University of Medicine 2, Yangon, Myanmar

06/2008 to 05/2010

- High School Diploma
Basic Education High School Einme Township, Ayeyarwaddy division, Myanmar (passed matriculation exam with distinctions in four subjects) (Top 3 in the city)

Languages

- Burmese (Native)
- English (Professional working proficiency)
TOEFL (Four skills) - 90, TOEIC (R&L) – 835
- Japanese (Professional working proficiency)
(N3- pass, N2 level)
- French (basic)

Hobbies

- Yoga
- Watching foreign movies

Volunteering and Leadership Experiences

- Member of Miyazaki University Foreign Student Association (MUFSA)-2019 to 2020
- Vice-president of Miyazaki University Foreign Student Association (MUFSA) 2020-2022
- Volunteer at OET (occupational English Training) to undergraduate student at Miyazaki University
- Volunteering as a judge in some events where high school students from Miyazaki presented their projects in English, interviewing contestants, and selecting the winners.

Skills

- I have strong communication, collaboration skill, academic writing, leadership skill, effective time management, critical thinking and problem solving, resource management and administrative skills.