

Second Public Health 2024

6TH INTERNATIONAL CONFERENCE ON

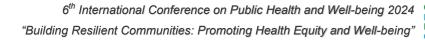
Public Health and Well-Being 2024

Conference Programme

17 – 18 SEPTEMBER 2024 KUALA LUMPUR, MALAYSIA









MESSAGE FROM THE CONFERENCE CO-CHAIR



Welcome to the 6th International Public Health and Well-being Conference held in Kula Lumpur, Malaysia in 2024. The theme of this year's conference is: "Building Resilient Communities: Promoting Health Equity and Well-Being". The papers included are from Presenters at the conference who come from many countries and are on a variety of topics related to health risks, public health measures of disease prevention and treatment.

Public health measures to reduce risk and prevent disease continue to be challenged even though the major health advances in the past century, such as vaccination and the reduction of smoking were accomplished through the advancement of public health related research and treatment. But, largely for political reasons the anti-vaccine or "anti-vaccers", as they are called, continue to organize and disseminate papers through social media or non-peer reviewed journals that ignore scientific findings such as the rise in deaths related to a lack of gun control or overdose deaths from psycho-active drugs.

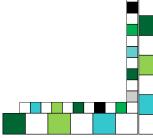
There are many challenges and much work to do for those of us who have chosen to work in the field of public health. It is largely that by continuing our work and sharing our findings through meetings like this that we will be able to further protect and secure the public's health.

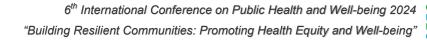
Professor Sally Guttmacher, PhD

Emerita Professor at Public Health New York University, USA Senior Technical Advisor: Community Rising Africa Network











MESSAGE FROM THE CONFERENCE CO-CHAIR



Dear Colleagues,

It is my honour to welcome all of you to "The 6th International Conference on Public Health and Well-being 2024", 17th - 18th September 2024, in Kuala Lumpur, Malaysia. In this event we gather our ideas and spirit for the future better health and wellbeing.

Health and wellbeing are more than just the absence of diseases. Indeed, it covers the physical, mental, emotional, and social aspects of life that contribute to the overall quality of living. Through this conference, we will discuss how to improve the quality from those holistic approaches. We will share the possible solution for the obstacles that we have encountered in our daily practice. Moreover, our colleagues as the presenter in this conference come from researchers, academician, and policy makers will enrich the perspectives of health and wellbeing from both scientific and practical perspectives.

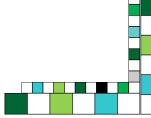
I would like to say thank you to all organizing committee for their invaluable efforts in making this event possible. I am also grateful to all of participants and presenters who have taken the time to share their research findings, thought, and bright ideas.

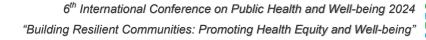
Finally, I hope all participants will find the conference enjoyable, and this conference will also open the door and the opportunity to collaborate and enhance our network in the future.

Regards, **Prof. Dr. Hardisman Dasman,** *Professor in Public Health and Community Medicine, Faculty of Medicine, Universitas Andalas, Indonesia*











MESSAGE FROM THE ACADEMIC PARTNER



Ladies and Gentlemen, Distinguished Guests, Esteemed Colleagues,

Good morning and a very warm welcome to "The 6th International Conference on Public Health and Well-being 2024." It is a privilege to welcome all participants of the conference as we gather here today. We will discuss and share our thought for the better public health and well-being.

Participants and presenters will share their latest research findings will be the basis for the discussion and learning for better health and wellbeing. However, I believe this conference is not just an opportunity to learn together, it is an opportunity to all of us to open future collaboration to make healthier wellbeing in the future.

Finally, I would like to extend my heartfelt thanks to our partners and the organizing committee, whose tireless efforts for conducting this conference. I would also like to thank each and every one of you for your commitment to public health and for taking the time to be here with us. Your presence is an importance of the work we do and the impact we can have when we come together with a shared purpose.

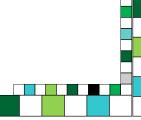
I am confident that the discussions and exchanges that will take place over the next few days will contribute significantly to the advancement of public health and well-being. Let us seize this opportunity to inspire one another, to learn from each other, and to strengthen our resolve to create a healthier, more resilient world.

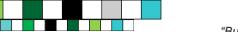
Thank you, and I wish you all a fruitful and engaging conference.

Prof. Dr. Afriwardi, M.D., M.A. Dean of Faculty of Medicine, Universitas Andalas, Indonesia











TECHNICAL PROGRAM

DAY 01 - TUESDAY, 17TH SEPTEMBER 2024

INAUGURATION SESSION

09.10-09.20



Welcome Address by the Conference Convener

Ms. Thulakshana Dilrukshi (Director, iConferences, Sri Lanka)

Tuesday, 17th September 2024 | 09.10 MYT to 09.40 MYT | Main Conference Room

09.20-09.30



Welcome Address by the Conference Chair

Prof. Sally Guttmacher (Emerita Professor of Public Health, New York University, USA, Senior Technical Advisor: Community Rising Africa Network

09.30-09.40



Welcome Address by the Academic Partner

Faculty of Medicine, Andalas University, Indonesia

KEYNOTE FORUM Tuesday, 17th September 2024 | 09.40 MYT to 10.10 MYT | Main Conference Room

Associate Professor Dr Prabal Bhargava

09.40-10.10



(School of Medicine, Faculty of Health and Medical Sciences, Taylor's University, Malaysia)

"Educating Tomorrow's Leaders- Unique Initiatives"

Associate Professor Dr. Prabal Bhargava is currently the Discipline Coordinator - Ophthalmology at the School of Medicine, Faculty of Health and Medical Sciences, Taylor's University, Malaysia. Prior to this he worked as Associate Professor at AIMST University, Malaysia and Associate Professor and Head of the Ophthalmology Department at the National Medical College and Teaching Hospital, Tribhuvan University, Nepal. A clinical ophthalmologist, he has been actively teaching and training medical students in the specialty for over 24 years. Assessments, Blended models, and Competence based learning have been the ABCs of his work as a medical educator. He takes pride in his passion for the specialty and the drive to evolve a better teaching-learning philosophy.







KEYNOTE FORUM Tuesday, 17th September 2024 | 10.10 MYT to 10.40 MYT | Main Conference Room



10.10-10.40 **Prof. Madya Haliza Abdul**

(Faculty of Medicine and Health Sciences, University Putra Malaysia, Malaysia)

"Building Resilient Communities Towards Climate Change Impacts To The Health"

Dr. Haliza Abdul Rahman is an Associate Professor in the Department of Environmental and Occupational Health at Universiti Putra Malaysia. She holds a Ph.D. in Environment and Development and a Master's in Environmental Management from Universiti Kebangsaan Malaysia. She also heads the Youth Laboratory in Leadership, Politics, and Citizenship at UPM's Institute of Social Science Studies (IPSAS). Her expertise spans Environmental Governance, Sustainability Science, Environmental Policy and Legislation, and Public Involvement in Environmental Issues. Dr. Haliza has an extensive publication record, including over 100 journal articles, 20 books, 70 book chapters, and 70 proceeding articles.

10.40-11.00

MORNING REFRESHMENTS





6th International Conference on Public Health and Well-being 2024 "Building Resilient Communities: Promoting Health Equity and Well-being" **EPIDEMIOLOGY** Tuesday, 17th September 2024 | 11.00 MYT to 12.00 MYT | Main Conference Room 11.00-11.15 A1 Nadar M. S. (Kuwait University) "Demographics Characteristics of Patients Referred to Hand Therapy Clinics in Kuwait" **Technical Session 01** 11.15-11.30 A2 Parveen S. (Institute of Environmental Science (IES), University of Rajshahi, Rajshahi, Bangladesh) "Post-Covid-19 Syndrome among the Symptomatic Covid-19 Patient in Some Selected Community of Bangladesh" 11.30-11.45 A3 *Meutiasari D.*¹, Djuwita R.², Laksono A. D.³ (¹Doctoral Program in Public Health Sciences, Faculty of Public Health, University of Indonesia ²Departemen of Epidemiology, Faculty of Public Health, University of Indonesia ³Research Center for Public Health and Nutrition, National Research and Innovation Agency of Indonesia) "Chronic Obstructive Pulmonary Disease Screening in Community in Indonesia: Puma Questionnaire Validation Test" 11.45-12.00 A4 Kindon A. J. (University of Canterbury) "Geospatial Analysis of Abdominal Aortic Aneurysm Mortality"

HEALTH CARE MANAGEMENT AND HEALTH POLICY I

Tuesday, 17th September 2024 | 12.00 MYT to 12.45MYT | Main Conference Room

Fechnical Session 02

12.00-12.15 B1



Tomar H.¹, Chikhale V.¹, Hazra A.², Pathy S.¹, Paudal M.¹ (Population Services International India Pvt. Ltd Population Council, India)

"Learnings From the Covid-19 Pandemic to Build Resilient Health Systems in Developing Countries- A Multi-Country Analysis of Actionable Strategies."

12.15-12.30 B2



Gumede D., Sibiya M.N. (Durban University of Technology, Mangosuthu University of Technology

"Barriers to Health-Promoting Self-Care Behaviours among First Year Students at a South African University of Technology"







HEALTH CARE MANAGEMENT AND HEALTH POLICY I

Tuesday, 17th September 2024 | 12.00 MYT to 12.45 MYT | Main Conference Room

12.30-12.45 B3



Mahmud, P.K.^{1,2}, Yanti, R.D.¹, Sekarini.L.¹, Anggreani,L.¹, Nurdini,L.¹, Farhati¹, Bugis, D.A.², Krianto,T.³, Siregar N.K.⁴ (¹Doctoral Program in Public Health Sciences, Faculty of Public Health, University of Indonesia ²Program of Nursing Science, Pasapua College of Health Sciences Ambon ³Department of Health Promotion and Behavioral Sciences, Faculty of Public Health, University of Indonesia)

"Effectiveness of A Community-Based Intervention Program in Preventing Adolescent Pregnancy: A Systematic Literature Review"

12.45-13.45

NETWORKING LUNCH

KEYNOTE FORUM Tuesday, 17th September 2024 | 13.45 MYT to 14.15 MYT | Main Conference Room

13.45-14.15 Professor Janet Hoek



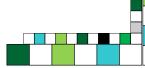
(Department of Public Health, University of Otago, New Zealand)

"Tobacco Endgames and Health Equity"

Professor Janet Hoek is the co-director of ASPIRE Aotearoa at the University of Otago, specialising in smoke-free policy and nicotine regulation. With a PhD in question-wording effects in surveys, her research has significantly influenced tobacco control policy in New Zealand and globally, including work on plain packaging and novel tobacco warnings. She has led multiple Health Research Council projects, including the Whakahā o te Pā Harakeke programme. Janet has also conducted extensive research on vaping, assessing its impact and strategies for smoking cessation. She received the 2022 Universities New Zealand Critic and Conscience of Society Award for her work on youth vaping









HEALTH CARE MANAGEMENT AND HEALTH POLICY II

Tuesday, 17th September 2024 | 14.15 MYT to 15.15 MYT | Main Conference Room

14.15-14.30 B4

14.30-14.45



Pallavi T. (Research Scholar, Department of Urban Planning, School of Planning and Architecture, New Delhi, India)

"Spatial Analysis of Environmental Risk Factors and Health Outcomes in Delhi: A Causal Loop Approach"

Tesinova K., J., Angelovska, O. (First Faculty of Medicine, Institute of Public Health and Medical Law, Charles University)

"Development of Telemedicine in the Czech Republic from Patients' and Other Key Stakeholders' Perspective"

14.45-15.00 B6

B5

Technical Session 03

echnical Session 04



15.00-15.15 B7



Eicher N., Affolter K.F, Lätsch D., Stoll D., Tausendfreund T. (Zurich University of Applied Sciences, School of Social Work, Institute of Childhood, Youth and Family)

"Impact of the Covid-19 Pandemic on Child Protective Services through the Lens of Administrative Data: A Systematic Review"

Dobiášová, K., Tulupova, E. (Charles University/ First Faculty of Medicine, Institute of Public Health and Medical Law)

"Communication with Ukrainian Refugees in Czech Healthcare System: Professionals' and Intercultural Mediators' Perspective"

MENTAL HEALTH

Tuesday, 17th September 2024 | 15.15 MYT to 16.00 MYT | Main Conference Room

15.15-15.30 C1

15.30-15.45

15.45-16.00

C2

C3



Abeer, A. Subke, Suhail M. Abdulkarim (Preventive Medicine Postgraduate Program, Ministry of Health, Jeddah, SAU)

"Unveiling the Prevalence and Factors of Workplace Bullying in Primary Healthcare Settings: A Cross-Sectional Study in Jeddah City, Saudi Arabia"

Wondale Getinet Alemu^{1, 2}, Lillian Mwanri³, Clemence Due⁴, Telake Azale⁵, Anna Ziersch¹ (Flinders University College of Medicine and Public Health, South Australia)

"Quality of life among people with mental illness attending a psychiatric outpatient clinic in Ethiopia: A structural equation model"

Mohammed Sh. Nadar (Kuwait University, Kuwait)

"Correlation of Tobacco Smoking with Decline in Memory and Attention among Adult Smokers"



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KEYNOTE FORUM Tuesday, 17th September 2024 | 16.00 MYT to 16.30 MYT | Main Conference Room

16.00-16.30 Dr. Hannah Degge



16.30-16.50

(Faculty of Medicine and School of Health Sciences, University of Nottingham, United Kingdom)

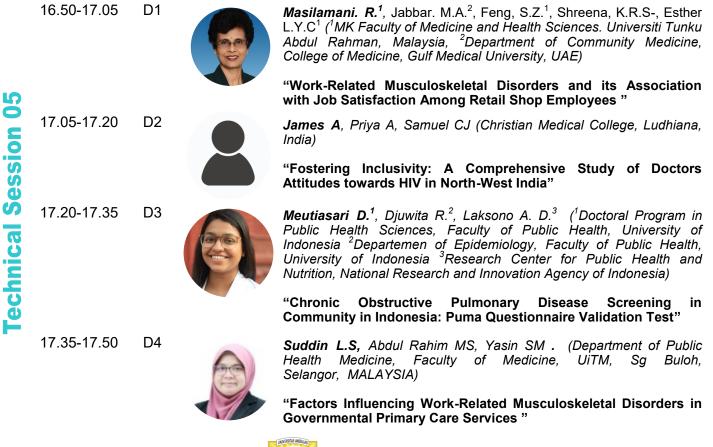
"Youth Engagement in Public Health: Strategies for Involving and Empowering Young People"

Dr. Hannah Degge is an Assistant Professor in Health Promotion and Public Health at the University of Nottingham, UK. She holds a Master's in Public Health from the University of Leeds and a Ph.D. from the University of Hull. With 13 years of experience in higher education, Dr. Degge has led numerous international health research projects and published extensively. Her research focuses on the impact of social injustice on health outcomes, particularly for vulnerable populations. She is also a registered practitioner with the Faculty of Public Health and actively volunteers with Youth Aspire Connect on a Welcome Trust-funded mental health project.

EVENING REFRESHMENTS

PUBLIC HEALTH AND HUMAN RIGHT

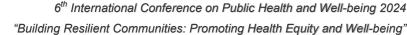
Tuesday, 17th September 2024 | 16.50 MYT to 17.50 MYT | Main Conference Room



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DAY 02—WEDNESDAY, 18TH SEPTEMBER 2024 DISEASE PREVENTION AND CONTROL I Wednesday, 18th September 2024 | 08.30 MYT to 09.30 MYT | Main Conference Room 08.30-08.45 E1 Novita C1, Liana S1, Maya G R1 Novita C1, Liana S1, Maya G R^{1} . (Department of Pharmacology, Pharmacy and Clinical Pathology, Faculty of Medicine, University of Lampung "Efficacy Trial of Artesunat Amodiakuin Combination Therapy in Uncomplicated Falciparum Malaria Patients in Hanura Public Health Center, Pesawaran Regency, Lampung" E2 08.45-09.00 Y. Hchikubo (Toyama Prefectural University) "Development of Gas-Permeable Moulds for Microneedle Moulding with Potential Application in Immunisation" Saftarina F¹*, Mayasari D², Kurniasari D³, Angraini DI⁴, Nuriah⁵ 09.00-09.15 E3 (1.24 Community Medicine Departement, Faculty of Medicine, Lampung University, Indonesia, Mathematic Department, Faculty of Scientce & Mathematic, Lampung University, Indonesia, Biomedical Departement, Faculty of Medicine, Lampung University, Indonesia) "Health Belief Model on Farmer's Safe Behavior in Using Pesticides : A Qualitative Study" 09.15-09.30 E4 Ando M. (Toyama Prefectural University) "Leading with UV -Curing Gas Permeable Mold Fabrication of Microneedles Capable of Encapsulating Pharmaceutical Ingredients" KEYNOTE FORUM Wednesday, 18th September 2024 | 09.30 MYT to 10.00 MYT | Main Conference Room 09.30-10.00 Professor Kathleen Young



(California State University, Northridge, USA)

"Important Elements in Community Organizing and Community Building in Municipal Development"

Dr. Young has over 37 years of academic experience, including 21 years at California State University, Northridge, in the Department of Health Sciences. Her research focuses on primary prevention strategies in breast screening, cultural competence for healthcare practitioners, and health policy assessment. Dr. Young has numerous publications, presentations, and grants supporting these areas. She is actively involved in health advocacy at local and national levels and serves as a Faculty Senator at CSUN. She has been awarded prestigious grants, including the NIH-CSUN Research Infrastructure Minority Institute Tiered Mentor Scholar Program and the Fulbright Scholar Program in China.

10.00-10.20

Technical Session 06

MORNING REFRESHMENTS







KEYNOTE FORUM Wednesday, 18th September 2024 | 10.20 MYT to 10.50 MYT | Main Conference Room

10.20-10.50 Professor Rosa Alati



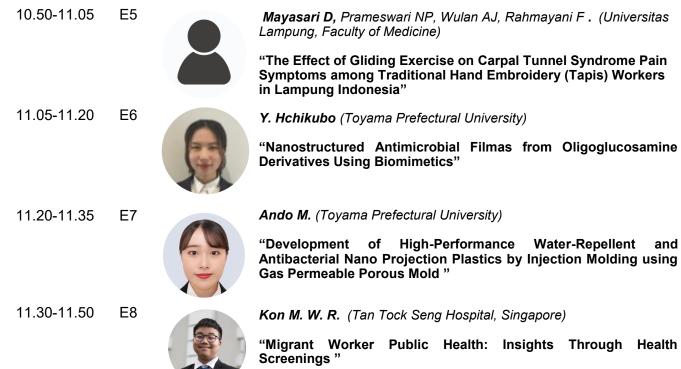
(Head of School, Curtin School of Population Health, Curtin University, Australia)

"Mental Health approaches to improving the wellbeing of populations: lessons from Australia"

Professor Rosa Alati is a renowned epidemiologist and Head of the School of Population Health at Curtin University, Western Australia. With over 20 years of experience, she has led research on maternal and offspring health, focusing on early life exposures and their impact on mental health. Her work has significantly influenced Public Health policy and interventions. Professor Alati has secured approximately \$20 million in competitive grants and published over 200 peer-reviewed articles, with an H-Index of 51/44/42 (Google Scholar/ Scopus/Web of Science). She is a member of expert panels that directly shape government protocols and practices.

DISEASE PREVENTION AND CONTROL II

Wednesday, 18th September 2024 | 10.50 MYT to 11.50 MYT | Main Conference Room









and



BEHAVIORAL RISKS AND PUBLIC HEALTH

Wednesday, 18th September 2024 | 11.50 MYT to 12.50 MYT | Main Conference Room

11.50-12.00

12.00-12.10

P1

P2



Adviento, A.B.D. (Certified Family Physician, Philippines East Avenue Medical Center, Philippine)

"Risk Factors of Prolonged Symptoms of Covid-19 Among Tertiary Government Hospital Workers: A Case-Control Study"

Yunan Zhang¹, Chak Lam Ip², Paul Adams³. (Anglo-Chinese) School (l¹nternational), Singapore, ²University College London Hospital, UK, ³University of Bristol, UK.)

"Evaluating the Impact of Vitamin D Supplementation on Common Cold Outcomes among Singaporean Adolescents: A Population-Specific Questionnaire"

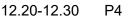
12.10-12.20 P3

Poster Session 01



Greenfield, F. (Manchester Foundation Trust, United Kingdom)

"Food of the Future: The Potential of Laboratory-Grown Food and its Impact on Global Health and Nutrition"



Günsche, S. (University of Adelaide, School of Public Health)

"The Impact of Heatwaves and High Temperature on Mortality among Older Adults: A Systematic Review and Meta-Analysis"

12.30-12.40 P5



Stephens, J.F.L. (University of Leeds)

"The Determinants of Tobacco Use: A Qualitative Study of An Urban Population in Nepal"

12.40-12.50 P6



Novais, J. (Public Health Unit of Alto Minho)

City"

"Gambling Among Secondary School Students in a Portuguese

12.50-13.50

NETWORKING LUNCH







KEYNOTE FORUM Wednesday, 18th September 2024 | 13.50 MYT to 14.20 MYT | Main Conference Room

13.50-14.20 Prof. Dr. Nur Indrawaty Lipoeto



(Faculty of Medicine, Andalas University, Indonesia)

"Local food sources and triple burden of malnutrition in Indonesia"

Prof. Dr. Nur Indrawaty Lipoeto is a leading expert in clinical nutrition and the Head of the Doctoral Postgraduate Study of Biomedical Sciences at Andalas University, Indonesia. With an MD from Andalas University, an MMedSci from the University of Sheffield, and a PhD from Monash University, her research focuses on nutrition, cognitive function, and cardiovascular health. She has published 78 peer-reviewed articles and seven book chapters, with an h-index of 16. A dedicated mentor, she has supervised 30 PhD graduates and numerous Master's students. Prof. Lipoeto is also a sought-after speaker and actively engages in public health outreach in West Sumatra.

NUTRITION AND HEALTH

Wednesday, 18th September 2024 | 14.20 MYT to 16.05 MYT | Main Conference Room

14.20-14.35 F1

14.35-14.50



Jia X¹, Keith M. G², Fabian Y³, Kok Hian T³, Jerry C^{3,4}, Yap Seng C^{1,5}, Peter D G^{1,6}, Johan Gunnar E^{1,5}, Jack A. G⁷*, Gerald W. T⁸, Yung Seng L^{1,5}, Neerja K^{1,5,9} (¹Singapore Institute for Clinical Sciences, Agency for Science, Technology and Research, Singapore, ²MRC Lifecourse Epidemiology Unit & NIHR Southampton Biomedical Research Centre, University of Southampton & University Hospital Southampton NHS Foundation Trust, UK, ³KK Women's and Children's Hospital, Singapore, ⁴Duke-NUS Medical School, Singapore, Singapore, ⁵Yong Loo Lin School of Medicine, National University of Singapore, Singapore, ⁶Liggins Institute, University of Auckland, Auckland, New Zealand, ⁷Department of Pediatrics, University of California San Diego, San Diego, California, USA, ⁸Department of Microbiology and Immunology, University of Otago, Dunedin, New Zealand, ⁹Bioinformatics Institute, Agency for Science, Technology and Research, Singapore)

"The Human Gut Microbiome in Pregnancy and Early Life: Insights from the Multi-Ethnic Asian Cohorts Gusto and S-Presto"

Siti Musyarofah^{1,2}, Ratna Djuwita³, Kemal N. Siregar⁴, Ahmad Syafiq⁵, Aria Kekalih⁶, Vilda Ana Veria Setyawati⁷ (¹ Doctoral Program at Department of Epidemiology, Faculty of Public Health, Universitas Indonesia, ² Public Health Program Study at Sekolah Tinggi Ilmu Kesehatan Kendal, ³ Department of Epidemiology, Faculty of Public Health, Universitas Indonesia, ⁴ Department of Biostatistics and Population Studies, Faculty of Public Health, Universitas Indonesia, ⁶ Department of Public Health, Universitas Indonesia, ⁶ Community Medicine Department, Faculty of Medicine, Universitas Indonesia, ⁷ Public Health Department, Universitas Dian Nuswantoro)

"Digital-Based Surveillance to Detect Stunting: A Systematic Literature Review"



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F2







14.50-15.05 F3

15.05-15.20

15.20-15.35

F4

F5



Angraini D.I., Firdaus R, Jausal A.N. (University of Lampung, Indonesia)

"Development of a Web-Based Prediction and Intervention Model for Toddlers Stunting (Prestasi Model)"

Taufiqa, Z^{1*}, Lipoeto, NI² (¹Faculty of Medicine, Universitas Negeri Padang, Bukittinggi, 26181, Indonesia, ²Department of Nutrition, Faculty of Medicine, Universitas Andalas, Padang, 25144, Indonesia)

"Dietary Intake and Anthropometric Profile in Pregnant Women from the Minangkabau Culture"

Wong E.Y.S., (Republic Polytechnic)

"Nutrition Knowledge, Dietary Practices and Interests of Cardiac Rehabilitation Patients to Develop Digital Heart-Smart Resources"



Siti Musyarofah^{1,2}, Ratna Djuwita³, Yhona Paratmanitya⁴, Ahmad Syafiq⁵, Aria Kekalih⁶, Yuni Puji Wijiastuti². (¹ Doctoral Program at Department of Epidemiology, Faculty of Public Health, Universitas Indonesia, ² Sekolah Tinggi Ilmu Kesehatan Kendal, ³ Department of Epidemiology, Faculty of Public Health, Universitas Indonesia, ⁴ Faculty of Health Sciences, Universitas Alma Ata, ⁵ Departemen of Public Nutrition, Faculty of Public Health, Universitas Indonesia, ⁶ Community Medicine Department, Faculty of Medicine, Universitas Indonesia)

"Improving the Ability of the Kendal Regency Community to Menu Preparation through the Training Program of Gong Ceting"

15.50-16.05 F7



Alsaidi, N.A.Y. (MAHSA University, Malaysia)

"Perceived Stress Related to Covid-19 Public Health Measures Among Expatriates in Shanghai, China"

16.05-16.25

EVENING REFRESHMENTS







16.45-16.55 Vote of Thanks (*Conference Secretariat, Public Health 2024*)





