



2<sup>ND</sup> INTERNATIONAL CONFERENCE ON

# Preventive Medicine and Public Health

Conference Programme

06 - 07 JUNE 2024 | ONLINE

## MESSAGE FROM THE CONFERENCE CO-CHAIR PREVENTIVE HEALTH 2024



To all health professionals from many parts of the world who believe that the basis of medicine is to "protect" first,

At the Preventive Medicine and Public Health Congress, a global platform held for the second time this year, we will delve into rich information, research findings, and innovative approaches. This collective effort aims to protect human health worldwide and enhance the existing protection service, making your participation crucial in this global endeavor.

In the period from the birth of preventive medicine, which aims to prevent the emergence of diseases or reduce their risks, to today's precision medicine applications, the perspective on healthcare delivery has also changed and developed considerably. As the quality and quantity of modern health services have increased within the scope of specialization, the importance of preventive measures is becoming increasingly evident. Community interventions such as vaccination strategies, lifestyle changes, and effective health policy implementations play an important role in improving the overall health of the population on the path towards a healthier, more resilient society and can also reduce the financial burden of diseases in terms of the health economy. Therefore, access to preventive health services and their implementation are an indispensable part of health policies.

We invite you to engage with the diverse perspectives presented at this inspiring congress. Your active participation is not just a contribution, but a significant step towards achieving better health outcomes for all. Your voice and insights are integral to our collective journey towards healthier individuals and society.

This information will be the seeds of transformative change in our approach to public health. Let's benefit from the power of preventive medicine and preventive health practices together to build a healthier, more hopeful future. It will be our honor to be with you as we explore these new horizons where preventive and precision medicine combine to shape a more hopeful, healthier tomorrow.

With our deepest respect,  
May you always be healthy!

*Sevda Lafcı Fahrioğlu, MD. PhD.*  
*Faculty of Medicine*  
*Cyprus International University*

## MESSAGE FROM THE CONFERENCE CO-CHAIR PREVENTIVE HEALTH 2024



*"Preventive medicine: Proactive path to the healthier you"*

I extend a heartfelt welcome to all the distinguished public health professionals and enthusiasts who have gathered to attend "2nd International Conference on Preventive Medicine and Public Health". Preventive medicine is a powerful approach to healthcare that focuses on preventing disease and promoting overall well-being. It's a shift from reactive treatment to proactive care, empowering individuals to take charge of their health.

This conference has culminated months of dedicated effort, all fueled by our passion for preventive medicine and public health. I am deeply grateful to all the partners and sponsoring organizations for extending their support and collaboration.

Our shared commitment to public health unites us, and the focus of our discourse at this conference centres around two critical aspects: preventive medicine and public health; mere treatment is not effective enough in solving the global health crises hence it is imperative that during the conference we must analyze and evaluate the scopes and dimensions of Preventive Medicine in shaping the global healthcare system in novel and effective strategies.

The organizers have meticulously curated a program featuring renowned speakers, thought-provoking sessions, and ample networking opportunities – all designed to foster a vibrant exchange of ideas and advancements in this critical field. We look forward to a stimulating and productive conference!

*Dr. Piyusha Majumdar*

*Associate Professor*

*IHMR University, India*

## MESSAGE FROM THE ACADEMIC PARTNER PREVENTIVE HEALTH 2024



Dear Conference Delegates,

On behalf of the Nepalese Society of Community Medicine (NESCOM), I would like to thank iConferences for partnering with us academically at the 2nd International Conference on Preventive Medicine and Public Health. This hybrid event will be held on June 6-7 in Colombo, Sri Lanka.

We believe this conference will provide a valuable platform for researchers from around the world to come together and contribute to evidence-based decision-making in global public health. NESCOM was honoured with the opportunity to review conference abstracts. Our team diligently reviewed all submissions and submitted them to the conference organizers in a timely manner. The abstracts we reviewed were comprehensive and well-aligned with the conference goals.

We wish all participants a successful and productive conference!

*Dr. Pranil Man Singh Pradhan*

*President*

*Nepalese Society of Community Medicine (NESCOM)*

*Nepal*

# TECHNICAL PROGRAM

DAY 01 - THURSDAY, 06TH JUNE 2024

## INAUGURATION SESSION

Thursday, 06th June 2024 | 09.30 IST to 10.30 IST | Main Conference Room

09.40 – 09.50



### Welcome Address by the Conference Convener

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

09.50 – 10.00



### Welcome Address by the Conference Chair

Prof. Dr. Sevda Lafçi Fahrioğlu (*Faculty of Medicine, Cyprus International University*)

10.00 – 10.10



### Welcome Address by the Conference Chair

Dr. Piyusha Majumdar (*IIHMR University, Jaipur, India*)

10.10 – 10.20



### Welcome Address by the Academic Partner

Nepalese Society of Community Medicine (NESCOM), Nepal

10.20 – 10.30

Conference Photograph

KEYNOTE FORUM Thursday, 06th June 2024 | 10.30 IST to 11.00 IST | Main Conference Room

10.30-11.00 **Prof. Dr. Sevda Lafçi Fahrioğlu**



(*Faculty of Medicine, Cyprus International University*)

### "The Place of Preventive and Precision Medicine in Health Care and Public Health: New Horizons"

Dr. Fahrioğlu is a founder, vice-president, and board member of the Turkish Cypriot Anatomy and Clinical Anatomy Association. She is currently an academic staff member at the Cyprus International University, Faculty of Medicine.

From 2006 to 2009, Dr. Fahrioğlu worked as a manager in the pharmaceutical industry's medical and pharmacovigilance department. In 2009, she transitioned to an academic role at the Faculty of Medicine, where she has held both staff and management positions. She has authored over 20 articles in international journals, presented more than 30 studies at national and international conferences, and contributed to five chapters in various anatomy books and atlases.

## PUBLIC HEALTH CHALLENGES AND STRATEGIES DURING COVID 19 PANDEMIC

Thursday, 06th June 2024 | 11.00 IST to 12.00 IST | Main Conference Room

Chaired by Assoc. Prof. Dr. Sevda Lafçi Fahrioğlu (*Faculty of Medicine, Cyprus International University*)

### Technical Session 01

11.00-11.15 A1



**Muthalib, H.F.A.** (*University Hospitals of Leicester, United Kingdom*)

**"Covid-19 Contact Tracing Experience at A Tertiary Healthcare Center in Saudi Arabia"**

11.15-11.30 A2



**Vujcic, I.** & Maksimovic, K. (*Institute of Epidemiology, Faculty of Medicine, University of Belgrade, Serbia*)

**"Facilitators and Barriers of Covid-19 Vaccine among Serbian Medical Students"**

11.30-11.45 A3



**Muthalib, H.F.A.** (*University Hospitals of Leicester, United Kingdom*)

**"Covid-19 Infection among Healthcare Workers at a Tertiary Healthcare Hospital"**

11.45-12.00 A4



**Talagala, I. A.<sup>1</sup>** & Kodithuwakku, K. K. M.<sup>2</sup> (*<sup>1</sup>Department of Community Medicine and Family Medicine, Faculty of Medicine, University of Moratuwa, Sri Lanka, <sup>2</sup>National Hospital of Sri Lanka, Colombo, Sri Lanka*)

**"Supply Chain Challenges of Personal Protective Equipment, and Methods of Mitigation Amidst Covid-19 Pandemic: A Qualitative Study from Sri Lanka"**

12.00 – 12.45

Lunch Break

**KEYNOTE FORUM Thursday, 06th June 2024 | 12.45 IST to 13.15 IST | Main Conference Room**

12.45 - 13.15 **Dr Mohd Izuan Ibrahim**



(*Faculty of Medicine, Universiti Kebangsaan Malaysia, Malaysia*)

**"Lesson From the COVID-19 Pandemic: Prevention and Control for Publics"**

Dr. Mohd Izuan Ibrahim currently working as a senior lecturer and researcher at the Centre for Diagnostic, Therapeutic and Investigative Studies (CODTIS), Faculty of Health Sciences, Universiti Kebangsaan Malaysia (UKM). He got a PhD in the clinical radiology sciences field and specialized in eye tracking, saccade, diagnostic imaging, and functional magnetic resonance imaging (fMRI).

Dr. Mohd Izuan Ibrahim conducts research on human brain activity during eye movements and its relation to disorders like strabismus, nystagmus, and dyslexia. He uses eye-tracking to study eye movement patterns in university students, radiographers, and health professionals. He is proficient in Statistical Parametric Mapping for brain mapping, Jamovi for statistical analysis, and Comprehensive Meta-Analysis for systematic reviews and meta-analysis.

## EXPLORATION OF INNOVATIONS FOR SHAPING THE FUTURE OF HEALTHCARE

Thursday, 06th June 2024 | 13.15 IST to 15.00 IST | Main Conference Room

Chaired by Assistant Professor Aastha Aggarwal (*Senior Research Scientist, Centre for Chronic Disease Control (CCDC), Delhi, India*)

### Technical Session 02

- |             |    |   |  |
|-------------|----|---|--|
| 13.15-13.30 | B1 |    | <p><b>Ferreira, S.M.<sup>1</sup></b>, Muthengi, K.<sup>1</sup>, Mohale, M.<sup>1</sup>, Mokhameleli, S.<sup>2</sup>, Mathosi, L.<sup>2</sup> (<i><sup>1</sup>UNICEF/ UNICEF Lesotho Country Office, Lesotho, <sup>2</sup>Lesotho National Red Cross, Lesotho</i>)</p> <p><b>"Empowering Lesotho's Tomorrow: Youth-Driven Innovation in Preventive Healthcare"</b></p>  |
| 13.30-13.45 | B2 |    | <p><b>Agbor, A.P.</b>, Elvis, T.A., Shey, N.D., Vubu, Y.E. (<i>University of Buea, Cameroon</i>)</p> <p><b>"Social Dynamics in the Prevention and Control of Malaria in the Southwest Region of Cameroon"</b></p>  |
| 13.45-14.00 | B3 |    | <p><b>Wijaya, M.I.</b> (<i>Faculty of Medicine and Health Sciences, University of Warmadewa, Bali, Indonesia</i>)</p> <p><b>"Exploring the Relationship Between the Full-Range Leadership Theory and Acceptance of Electronic Medical Record in Primary Care: A Conceptual Analysis"</b></p>   |
| 14.00-14.15 | B4 |  | <p><b>Sultana, N.<sup>1</sup></b>, Laksanabwati, I.S.L.<sup>2</sup>, Barua, M.B.<sup>3</sup>, Mahendradhata, Y.M.<sup>2</sup> (<i><sup>1</sup>International Centre for Diarrhoeal Disease Research, Bangladesh, <sup>2</sup>Universitas Gadjah Mada, Bangladesh, <sup>3</sup>BRAC JPG School of Public Health, Bangladesh</i>)</p> <p><b>"Exploring the Barriers and Facilitators to Implementing Tuberculosis Preventive Treatment among Household Contacts of Tuberculosis Patients in Moulvibazar District, Bangladesh"</b></p>   |
| 14.15-14.30 | B5 |  | <p><b>Jayasooriya, R.I.D.<sup>1</sup></b>, Hatharasinghe H.G.N.C.<sup>1</sup>, Somarathna, H.A.D.M.<sup>1</sup>, Shanthy, M.S.<sup>1</sup>, Anuruddika, Y.G.S.<sup>1</sup>, Fernando, C.A.<sup>2,3</sup>, Dharmarathna, H.H.N.D.<sup>4</sup>, Jayamaha, A.R.<sup>3,4</sup> (<i><sup>1</sup>Faculty of Nursing, KIU, Sri Lanka, <sup>2</sup>Department of Research and Development, Faculty of Nursing, KIU, Sri Lanka, <sup>3</sup>Research and Innovation Division, KIU, Sri Lanka, <sup>4</sup>Faculty of Graduate Studies, KIU, Sri Lanka</i>)</p> <p><b>"The Impact of Social Media Addiction on the Sleep Quality of Undergraduates; A Cross-sectional Study"</b></p> |

## EXPLORATION OF INNOVATIONS FOR SHAPING THE FUTURE OF HEALTHCARE (CONT.)

Thursday, 06th June 2024 | 13.15 IST to 15.00 IST | Main Conference Room

Chaired by Assistant Professor Aastha Aggarwal (*Senior Research Scientist, Centre for Chronic Disease Control (CCDC), Delhi, India*)

### Technical Session 02 (Cont.)

14.30-14.45 B6



**Kulathilaka, K.I.C.1**, Kumara, G.P.S.I.<sup>1</sup>, Kumarasinghe, G.R.N.<sup>1</sup>, Ishara, H.B.K.<sup>1</sup>, Diumini, M.K.<sup>1</sup>, Fernando, A.M.F.<sup>2</sup>, Maduwanthi, R.M.<sup>3</sup>, Jayamaha, A.R.<sup>2,4</sup> (<sup>1</sup>*Faculty of Nursing, KIU, Sri Lanka*, <sup>2</sup>*Research and Innovation Division, KIU, Sri Lanka*, <sup>3</sup>*Department of Nursing Education, Faculty of Nursing, KIU, Sri Lanka*, <sup>4</sup>*Faculty of Graduate Studies, KIU, Sri Lanka*)

**“Physical Activity among Patients with Type 2 Diabetes Mellitus who are Attending the Diabetic Clinic in Army Hospital, Colombo, Sri Lanka: A Cross-Sectional Study”**

14.45-15.00 B7



**Bhargava, P.**, Shanmuganathan, P., Wei, L.S., Ghazali, M.I.B. (*School of Medicine, Faculty of Health and Medical Sciences, Taylor’s University, Malaysia*)

**“Developing a Public Health Workforce - With Focused Partnerships”**



## DAY 02—FRIDAY, 07TH JUNE 2024

KEYNOTE FORUM Friday, 07th June 2024 | 09.00 IST to 09.30 IST | Main Conference Room

09.00-09.30 **Dr Pranil Man Singh Pradhan**



*(President, Nepalese Society of Community Medicine (NESCOM), Nepal)*

***"Building a Healthier Nepal: The Vital Role of Community Medicine Specialists"***

Dr. Pranil Man Singh Pradhan is an Associate Professor at the Department of Community Medicine and Public Health at Maharajgunj Medical Campus, Institute of Medicine, Tribhuvan University, Kathmandu. He holds an M.B.B.S. and an M.D. in Community Medicine and Tropical Diseases from B.P. Koirala Institute of Health Sciences, Dharan, Nepal. Additionally, he earned a Diploma in Global Health from Tanzania and a Fellowship in Translational Research in Cardiovascular Diseases from Kathmandu University School of Medical Sciences.

Dr. Pradhan is a Bernard Lown Scholar in Cardiovascular Health and a visiting scientist at Harvard T.H. Chan School of Public Health. He received the Young Scientist Award 2019 from the Nepal Health Research Council. He has designed competency-based Community Medicine curricula for Purbanchal University and Gandaki University and serves on the subject committee for the MSc. Environmental and Occupational Health Program at Nepal Open University.

## MULTIDISCIPLINARY CHALLENGES IN PROMOTING HEALTHCARE AND WELLBEING I

Friday, 07th June 2024 | 09.30 IST to 10.30 IST | Main Conference Room  
Chaired by Dr. Mansi Gauniyal (*Foundation of Healthcare Technologies Society, India*)

### Technical Session 03

- |             |    |  |  |
|-------------|----|--|--|
| 09.30-09.45 | C1 |   | <p><b>Kariyawasam, K.H.A.Y.<sup>1</sup></b> &amp; Wimalasekera, S.W.<sup>2</sup> (<sup>1</sup><i>Faculty of Nursing, KIU, Sri Lanka, <sup>2</sup>University of Sri Jayewardenepura, Sri Lanka</i>)</p> <p><b>"Asthma Control, Sleep Quality and Physical Activity among Patients with Asthma in Colombo, Sri Lanka"</b></p>  |
| 09.45-10.00 | C2 |   | <p><b>Yadav, R.R.</b> (<i>Public Health Activist, General Practitioner, India</i>)</p> <p><b>"Factors Responsible for Rise of Chronic Diseases &amp; Need for Prevention"</b></p>  |
| 10.00-10.15 | C3 |   | <p><b>Perera, P.A.S.S.<sup>1,2</sup></b>, Prathapan, S.<sup>1</sup>, Pallewatte, N.<sup>3</sup> (<sup>1</sup><i>Faculty of Medicine, University of Sri Jayewardenepura, Sri Lanka, <sup>2</sup>National Programme for Tuberculosis Control and Chest Diseases, Ministry of Health, Sri Lanka, <sup>3</sup>Anti-Leprosy Campaign, Ministry of Health, Sri Lanka</i>)</p> <p><b>"What Factors Increase the Risk of Having Bronchiectasis- An Unmatched Case-Control Study"</b></p> |
| 10.15-10.30 | C4 |  | <p><b>Jayasinghe, L.V.<sup>1,2</sup></b>, Semage, S.N.<sup>3</sup>, Prathapan, S.<sup>1</sup> (<sup>1</sup><i>Faculty of Medical Sciences, University of Sri Jayewardenepura, Sri Lanka, <sup>2</sup>Sri Lanka Army Health Services, <sup>3</sup>National Medicines Regulatory Authority, Sri Lanka</i>)</p> <p><b>"Expenditure of Alcohol Use among Male Security Personnel in Sri Lanka"</b></p>   |

### KEYNOTE FORUM Friday, 07th June 2024 | 10.30 IST to 11.00 IST | Main Conference Room

10.30-11.00 Dr. Piyusha Majumdar



(*IIHMR University, Jaipur, India*)

**"Bridging Policy and Delivery Gap Through Knowledge Translation in the Area of Public Health"**

Prof. Piyusha Majumdar has a Ph.D. and Masters in Anthropology from the Department of Anthropology, University of Delhi. She is an alumna of Miranda House College, working as an Associate Professor at SDG School of Public Health, IIHMR University, Jaipur. She is a public health Specialist and implementation Researcher. Participated in a multi-country research project "STRIPE – Synthesis and Translation of Research and Innovation in Polio Eradication" towards developing the global curriculum "Implementation Science of Global health" in consortium with Johns Hopkins Bloomberg school of public health and other consortium partners from seven countries.

## MULTIDISCIPLINARY CHALLENGES IN PROMOTING HEALTHCARE AND WELLBEING II

Friday, 07th June 2024 | 11.00 IST to 12.15 IST | Main Conference Room

Chaired by Dr. Piyusha Majumdar (IIHMR University, Jaipur, India)

### Technical Session 04

11.00-11.15 C5



**Tripathi, V.B.<sup>1</sup>**, Khanna, A.<sup>1</sup>, Singh, J.P.<sup>1</sup>, Kumar, S.V.V.<sup>1</sup>, Pareek, S.<sup>2</sup>  
(<sup>1</sup>IIHMR University, Jaipur, India, <sup>2</sup>Clinical Psychologist, GMHAT Foundation, UK and DF India, Jaipur, Rajasthan)

**"Understanding Work Environments of the Truck Drivers Its Influence on Physical Fatigue"**

11.15-11.30 C6



**Atshaya B.<sup>1</sup>**, Charuni T.M.J.<sup>2</sup>, Jayamaha A.R.<sup>2</sup> (<sup>1</sup>Department of Psychology, Faculty of Behavioural Science, KIU, Sri Lanka, <sup>2</sup>Research and Innovation Division, KIU, Sri Lanka)

**"The Self-esteem among Emerging Adults in Colombo District, Sri Lanka: Cross-sectional Study"**

11.03-11.45 C7



**Balasooriya, B.A.H.<sup>1</sup>**, Pathirana, M.D.J.<sup>1</sup>, Walakuluarachchi, G.D.<sup>1</sup>, Weerathilaka, D.D.M.P.<sup>1</sup>, Narasinghe, N.D.D.S.<sup>1</sup>, Samarasinghe, H.G.A.S.<sup>2</sup>, Darmarathna, N.<sup>1,3</sup>, Jayamaha, A.R.<sup>1,2,3</sup> (<sup>1</sup>Faculty of Nursing, KIU, Sri Lanka, <sup>2</sup>Research and Innovation Division, KIU, Sri Lanka, <sup>3</sup>Faculty of Graduate Studies, KIU, Sri Lanka)

**"Awareness Regarding Oral Health among Patients Attending the National Dental Hospital in Colombo, Sri Lanka"**

11.40-12.00 C8



**Dharmarathna, H.H.N.D.<sup>1,5</sup>**, Jayamaha, A.R.<sup>2</sup>, Rajapakse, I.H.<sup>3</sup>, Gunasekara, C.<sup>4</sup>, Fernando, N.<sup>4</sup>, Meegoda, M.K.D.L.<sup>5</sup> (<sup>1</sup>Faculty of Nursing, KIU, Sri Lanka, <sup>2</sup>Faculty of Graduate Studies, KIU, Sri Lanka, <sup>3</sup>Department of Psychiatry, University of Ruhuna, Sri Lanka, <sup>4</sup>Department of Microbiology, University of Sri Jayewardenepura, Sri Lanka, <sup>5</sup>Department of Nursing and Midwifery, University of Sri Jayewardenepura, Sri Lanka)

**"Exploring the Perception of Family Members of Rehabilitates on Existing Residential Drug Rehabilitation in Sri Lanka: A Descriptive Qualitative Study"**

12.00-12.15 C9



**Pehara, M.W.G.**, Cooray, P.L.S.R., Dissanayake, D.M.R.N., Thilakarathna, S.S., Silva, K.S.K., Talagala, I.A. (*Faculty of Medicine, University of Moratuwa, Sri Lanka*)

**"Influence of Physical Activity and Diet on Overweight and Obesity among Children of Grades 6 to 9 in Kalutara Educational Zone"**

12.15 – 13.00

Lunch Break

## BRIDGING THE GAP IN VULNERABLE POPULATIONS HEALTHCARE AND WELLNESS

Friday, 07th June 2024 | 13.00 IST to 14.00 IST | Main Conference Room  
 Chaired by Dr. Gambhir Shrestha (Maharajgunj Medical Campus, Institute of Medicine,  
 Tribhuvan University, Kathmandu, Nepal)

## Technical Session 05

13.00-13.15 D1



**Mehrotra, A.** & Narayanan, P. (Manipal Academy of Higher Education, Prasanna School of Public Health, India)

**"Impact of Scheduled Counselling on Contraceptive Continuation Rates: Evidence from a Cluster Randomised Trial in Low- to Middle-Income Country"**

13.15-13.30 D2



**Dhakad, R.S.** & Majumdar, P. (IIHMR University, Jaipur, India)

**"Assessment of Nutritional Status in Pregnant Women who are Residing in Urban Slums: A Study Using Anthropometric Measurements"**

13.30-13.45 D3



**Shajahan, Z.,** Sathyapala, N.A.R., Senanayake, P.R.T., Siriwardana, W.L.K.G., Sivakumar, S., Dinupa, K.D.T., Talagala, I.A. (Faculty of Medicine, University of Moratuwa, Sri Lanka)

**"Knowledge, Attitudes, and Their Association with the Practice Related to Cervical Cancer Screening among Female Teachers Over 30 Years of Age in the Kalutara Educational Zone"**

13.45-14.00 D4



**Talagala I. A.** & Rashmi W. A. (Faculty of Medicine, University of Moratuwa, Sri Lanka)

**"Challenges in Implementing Palliative Care in Developing Countries: A Systematic Review"**

## KEYNOTE FORUM Friday, 07th June 2024 | 14.00 IST to 14.30 IST | Main Conference Room

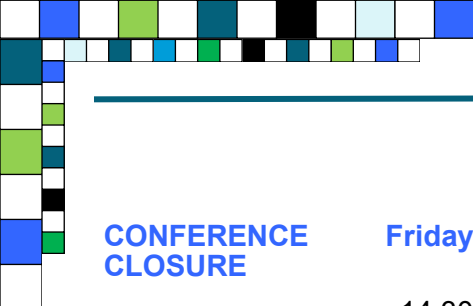
14.00 - 14.30 Dr Mohammed A. Abdalqader



(Assistant Professor, Faculty of Medicine, University of Cyberjaya (UoC), Malaysia)

**"Special Challenges for Lower/ Middle-Income Countries"**

Dr. Mohammed Abdalqader is a Senior Lecturer at the University of Cyberjaya's Faculty of Medicine in the Community Medicine Department. With over 60 peer-reviewed publications on public health, epidemiology, and nutrition, he has a proven research track record. He excels in both independent and team settings, coordinates diverse activities, and has strong problem-solving skills. Previously, he spent eight years as a senior lecturer at the International Medical School, Management and Science University, where he mentored numerous students and supervised undergraduate and postgraduate research.



**CONFERENCE CLOSURE**

**Friday, 07th June 2024 | 14.30 IST to 14.15 IST | Main Conference Room**

14.30-14.50 Conference Concluding and Awarding Ceremony

14.50-15.00 Vote of Thanks

Ms. Uvindi Rathnayake (*Preventive Health 2024, Conference Secretariat, iConferences, Sri Lanka*)

