

Annual Scientific Meeting of PAMKI

In Conjunction with

The 3rd Global Health and Innovation Conference 2023

Combating Antimicrobial Resistence: Strengthening Collaboration and Nurturing Innovation

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WELCOME REMARKS

The Chairman of PIT PAMKI and 3rd GHI 2023

Dr. dr. Metta Octora, M.Kes., M.Ked.Klin, Sp.MK

Dear all participants and invited speakers, I would like to welcome you all to the **Annual Scientific Meeting of PAMKI in Conjunction with The 3rd Global Health and Innovation Conference 2023**. This conference is held by the Faculty of Medicine University of Mataram and the Association of Indonesian Clinical Microbiologists (PAMKI).

The theme of the conference this year is "**Combating Antimicrobial Resistance**: **Strengthening Collaboration and Nurturing Innovation**". Antimicrobial Resistance (AMR) is one of the biggest public health challenges in many parts of the world. Antimicrobial resistance can lead to increased mortality and economic burden due to prolonged hospitalization, the use of more expensive antimicrobials and the occurrence of superinfection which is difficult to treat. We need policies. We hope this conference can develop our knowledge especially in overcoming the threat of global antibiotic resistance

This conference is presenting the multidisciplinary expert speakers from Indonesia and abroad to share their knowledge in regards to the antimicrobial concerns of the multiple burdens of diseases in developing countries. We have 293 participants with 178 abstract. To further disseminate the scientific endeavors of researchers who have submitted their study to be presented in this conference, we are partnering with Bali Medical Journal, an scopus-indexed journal in Indonesia.

> Conferences such as this provide a valuable opportunity for health professionals, researchers and students to share knowledge, ideas, and experiences. It is also a forum for young and senior researchers to connect and explore potential future collaboration. We would like to thank the provincial government of West Tenggara, Indonesian Doctor Association, Nusa Indonesian Pharmacist Association, Indonesian Nurse Association and all sponsors for all support. I am sure you will have fruitful and rewarding exchanges during this conference. I wish you every success with this important conference and I look forward to learning about the outcome. We once again welcome you to Lombok and we hope that you enjoy this conference. Thank you.

Kind Regards, Dr. dr. Metta Octora, M.Kes., M.Ked.Klin, Sp.MK



The Chairman of Indonesian Association for Clinical Microbiology (PAMKI)

dr. Anis Karuniawati, PhD., Sp.MK(K)

Distinguished Participants, Ladies and Gentlemen, Dear Friends of the Indonesian Clinical Microbiology Association,

First and foremost, as the Chairman of PAMKI (Indonesian Clinical Microbiologist Association), I would like to express my utmost appreciation to everyone involved for the successful execution of our Annual Scientific Meeting of the Indonesian Clinical Microbiologist Association in conjunction with the 3rd Global Health and Innovation Conference 2023. This year, our highlighted theme is "Combating Antimicrobial Resistance: Strengthening Collaboration and Nurturing Innovation."

The collaborative meeting between PAMKI and the Faculty of Medicine University of Mataram, has invited many renowned speakers and participants in the field of microbiology, particularly antimicrobial resistance. I believe all the speakers and participants have worked tirelessly in the fight against Antimicrobial Resistance (AMR) through their professional practices and researches. This meeting and abstract book would not have been possible without the participants and speakers in this meeting. Medical science is an ever-evolving field that progresses in line with technological advancements and the times. This necessitates the continuous update of our knowledge. One of the topics that we all need to pay attention to is antimicrobial resistance. We all understand that antimicrobial resistance is a global problem that requires cooperation in research and innovation. Therefore, it requires attention from various parties. This abstract book aims to share our knowledge and expertise for human wellness and the advancement of medical science especially antimicrobial resistance issues.

In line with this year's theme, the abstract book of the Annual Scientific Meeting of the Indonesian Clinical Microbiologist Association in conjunction with the 3rd Global Health and Innovation Conference 2023 emphasizes the importance of interprofessional collaboration and the latest innovations in jointly combating antimicrobial resistance. This book has been holistically compiled by expert speakers in their respective fields. I hope this book proves to be beneficial not only for healthcare practitioners, but also for health regulators, technologists, innovators, health professionals, business professionals, and civil society representatives. As a closing statement, I would like to once last more, express my appreciation and gratitude for the contributions of the entire committee, speakers, and participants that have made this abstract book possible. Let us maintain the spirit of collaboration and strengthen interprofessional bonds, encourages more AMR fighters to contribute to combat antimicrobial resistance.

Warmest Regards,

dr. Anis Karuniawati, PhD., Sp.MK(K) Chairman of Indonesian Association for Clinical Microbiology (PAMKI)





The Rector of University of Mataram

Prof. Ir. Bambang Hari Kusumo, M.Agr.st, PhD -

Assalammu'alaikum Warahmatullahi Wabarakatuh

Respectable The Chairman of PAMKI (Indonesian Clinical Microbiologist Association), Head of Association of Indonesian Doctor Provinsi Nusa Tenggara Barat, Chair of PAMKI NTB, Distinguished Keynote speakers, Honorable authors, and fellow participants of Annual Scientific Meeting Of PAMKI in Conjunction with The 3rd Global Health And Innovation Conference 2023.

Alhamdullilah, first of all, let us express our gratitude to Allah SWT because of His grace and blessings, we are able to attend this Annual Scientific Meeting Of PAMKI in Conjunction with The 3rd Global Health And Innovation Conference 2023 could be conducted without any serious obstacles in Lombok, 7-8 July 2023. The conference has theme of "Combating Antimicrobial Resistance: Strengthening Collaboration and Nurturing Innovation". This international conference is one of the multiple efforts held by University of Mataram to increase its contribution in national and international knowledge sharing and development. Recently, in relation in focusing its contribution toward updated researchs and technologies, Universitas Mataram has also intensively in Global Health especially Antimicrobial Resistance (AMR). Antimicrobial resistance (AMR) or drug resistance, including antibiotic resistance, is a growing public health issue and needs urgent attention in countries around the world. This is an interesting and challenging topic for academic researchers as well as for the stakeholders and medical health.

I would express my gratitude to all the authors who submitted their papers to the conference, and all the participants who helped in accomplishing the goals of the conference. We hope that you will find this program interesting and that this conference will provide you with a valuable opportunity to share ideas with others. I also would like to express sincere thanks to all committee members specially organizing committee, for their tremendous teamwork effort in making the event a reality.

Therefore, by starting with "Bismillahirrahmanirrahim" this Annual Scientific Meeting Of PAMKI in Conjunction with The 3rd Global Health And Innovation Conference 2023 is officially started.

University of Mataram Rector

Prof. Ir. Bambang Hari Kusumo, M.Agr.st, PhD

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The Dean of the Faculty of Medicine University of Mataram

Prof. Dr. dr. Hamsu Kadriyan, SpTHT-KL(K), M.Kes

Ladies and gentlemen, our distinguished guests, welcome to our Faculty' biannual International Conference, the 3rd Global Health and Innovation conference in Lombok. This year we are proudly present in conjunction to annual scientific meeting Indonesian clinical microbiologist association.

The GHI conference is dedicated to the advancement of Global Health sciences and raised the theme of "Combating Antimicrobial Resistance: Strengthening Collaboration and Nurturing Innovation". The GHI conference take place in Merumatta Hotel, Senggigi Lombok, July 7th-8th 2023.

Antimicrobial resistance is known as silent pandemic, we hear a lot of infection cases that is more resistance to our powerful antibiotics. Hopefully by this conference, we can discuss how far we come to tackle this matter.

As a host of this conference, I would like to appreciate to all speakers and guests all the way to come, enjoy the conference, enjoy Lombok.

Best Regards,

Prof. Dr. dr. Hamsu Kadriyan, SpTHT-KL(K), M.Kes





BIOGRAPHY OF SPEAKERS

Biography of Plenary Lecture Speakers

Dr. J.L (Jan) Nouwen

Jan Nouwen was born on July 22, 1963. After completing his Medical School education at Erasmus University Rotterdam and Erasmus MC, University Medical Center Rotterdam in January 1989, he received training in Internal Medicine and later specialized in Infectious Diseases. Since 1999, he has been a dedicated member of the staff at the departments of Medical Microbiology & Infectious Diseases and Internal Medicine, specifically in the Infectious Diseases section.

He obtained a MSc degree in Clinical Epidemiology in August 2000 and finished his PhD on 'Determinants, Risks and Dynamics of Staphylococcus aureus nasal carriage' in December 2004. For his research he was awarded the GSK ICAAC Award in 2004 and the ICAAC Program Committee Award in 2005. Subsequent research has focused on MRSA eradication (Center of Expertise 'MRSA-eradication' Erasmus MC; SWAB committee 'Treatment of MRSA carriage') as well as HIV and Tuberculosis in research-poor settings.

Since 2007 he is the trainer in Infectious Diseases as a sub specialization in Internal Medicine Specialization at Erasmus MC and since 2008 he is the Program Director of the Research master Infection & Immunity. He designed the curriculum in such a way to facilitate collaboration with third parties. When Erasmus MC allowed for the minor programs to be done in foreign countries he created the minor Global Health. Within this program, more than 100 medical students are sent out to more than 40 foreign partners in 20 countries every year. In addition, he is the chairman of the Research Master programs at the Grad School Erasmus MC.

He is very much involved in curriculum development, curriculum innovation (including e-learning and serious gaming initiatives) and internationalization of education, including Erasmus MC's Global Health Summer School and the Minor programs Global Health and Biomedical Research in Practice (in collaboration with educational and research institutes in the USA, Brazil, Chili, Colombia, Cuba, Ecuador, Suriname, Denmark, Sweden, Ghana, Kenya, South Africa, Uganda, Zambia, Zimbabwe, Iran, Oman, Bangladesh, China, India, Indonesia, Malaysia, Singapore, Vietnam, Australia and Japan). For his efforts in medical education he received the 'teacher of the year award' in 2004. Currently, the main emphasis is on developing a global network of research education and academic training programs, building a global research infrastructure: 'Better Together'. With some other European medical schools, he is developing a joint research master and uses Erasmus+ funding to start and expand those education collaborations worldwide.



Biography of Plenary Lecture Speakers

Associate Prof Hazim Khalifa, DVM, PhD

Hazim Omar Abdelgalil Khalifa, BVSC, MVSC, PhD, is an esteemed Assistant Professor in the Department of Veterinary Medicine at the College of Agriculture and Veterinary Medicine, United Arab Emirates University (UAEU), UAE. He is also a valued member of the One-Health Team at the Antimicrobial Resistance Research Center (AMR-RC), National Institute of Infectious Diseases (NIID) in Japan.

Dr. Khalifa's educational background is extensive and diverse. He obtained his Bachelor of Veterinary Medicine degree from Tanta University in Egypt. Further advancing his knowledge, he earned a Master of Science degree in Veterinary Pharmacology from Kafrelsheikh University, Egypt. Additionally, he obtained a Doctor of Philosophy degree in Molecular Pharmacology and Biotechnology from Hiroshima University in Japan.

Dr. Khalifa has been recognized for his outstanding research contributions. His manuscript, "In Vitro Characterization of Twenty-One Antifungal Combinations against Echinocandin-Resistant and -Susceptible Candida glabrata," published in the Journal of Fungi, was selected as Editor's Choice. As a result, he received a full fee waiver for his next manuscript submission. In addition, he was awarded the prestigious 2020 Best Researcher Award by the Medical Mycology Research Center at Chiba University, along with a research fund of 100,000 Japanese Yen.His publication titled "Prevalence of Antifungal Resistance, Genetic Basis of Acquired Azole and Echinocandin Resistance, and Genotyping of Candida krusei Recovered from an International Collection" was featured in Antimicrobial Agents and Chemotherapy.



Dr. Khalifa actively participates in international conferences and meetings, where he shares his expertise and research findings. Some notable events he has contributed to include the Tokyo AMR One-Health Conference, where he presented on the "Tricycle Project Application in Asian Countries: Progress, Challenges, and Future Prospects," and the 9th Global Network Forum on Infection and Immunity, where he discussed the "Genetic Basis and Genotyping of Non-albicans Candida in Japan."

Dr. Hazim Omar Abdelgalil Khalifa's extensive education, research achievements, and active involvement in scientific conferences demonstrate his dedication to advancing knowledge in the field of veterinary medicine and antimicrobial resistance. His contributions contribute to the global understanding of infectious diseases and the development of effective treatment strategies.



dr. Delly Chipta Lestari, PhD

dr. Delly Chipta Lestari, PhD., obtained her Medical Doctor (MD) degree from the esteemed Faculty of Medicine at Universitas Indonesia, and further specialized as a Clinical Microbiologist within the same institution. Presently, she holds a devoted position as a faculty member in the Department of Microbiology at the Faculty of Medicine, Universitas Indonesia, where she has been actively engaged as a lecturer and researcher since 2010.

Driven by a passion for scientific research, dr. Lestari is currently pursuing her Ph.D. from the School of Medicine at Osaka University, further expanding her expertise and knowledge. Her research interests encompass several critical areas, including antimicrobial resistance, metagenomics, host-pathogen relationships, and fastidious bacteria. By exploring these topics, she aims to deepen our understanding of infectious diseases and develop strategies to combat them effectively.

dr. Lestari's commitment to advancing medical knowledge is evident in her remarkable publication record. Her latest publication, titled "Combining bacteriophage lysin LYSGH15 and celery (Apium graveolens L.) apigenin for treating Staphylococcus aureus pneumonia in children," was featured in the journal Cermin Dunia Kedokteran in 2023. This research highlights her innovative approach in exploring alternative treatments for bacterial infections, demonstrating her dedication to improving patient care and outcomes.

As an accomplished researcher, dr. Lestari has been actively involved in academic and scientific communities, presenting her work at conferences and symposiums. Her contributions have garnered recognition and appreciation from peers in the field. Her expertise as a lecturer at Universitas Indonesia has nurtured future generations of medical professionals, equipping them with knowledge and skills to tackle complex microbial challenges.

Through her research, teaching, and dedication to combating antimicrobial resistance, dr. Delly Chipta Lestari has established herself as a respected figure in the field of microbiology. Her pursuit of scientific excellence and commitment to advancing medical knowledge continue to contribute significantly to the fight against infectious diseases, benefiting both patients and the broader medical community.





Prof. Dr. dr. Kuntaman, MS., Sp.MK(K)

Prof. Dr. Kuntaman, dr., MS., SpMK(K), is a highly esteemed medical professional and professor specializing in Microbiology. He obtained his medical degree from Universitas Airlangga and pursued post-graduate programs at the same institution. He further expanded his expertise as a Clinical Microbiologist at Universitas Indonesia and completed his doctoral studies at Universitas Airlangga.

Throughout his career, Prof. Dr. Kuntaman has received notable awards for his dedication and commitment to the containment of antimicrobial resistance. He was recognized by the Director of Dr. Soetomo Hospital Surabaya and Astra Zeneca ESCMID Turning the Tide of Resistance for his outstanding contributions in this field. Additionally, he received a grant from the European Society of Clinical Microbiology and Infectious Diseases (ESCMID) for his research on the genetic analysis of multiresistant bacteria from Indonesia.

Prof. Dr. Kuntaman's research interests lie in the areas of bacteriology, antimicrobial resistance, and infectious diseases. He has an extensive research background, including projects focused on characterizing multidrug-resistant Gram-negative bacteria, studying antimicrobial resistance in Indonesia, and investigating antibiotic use during the pandemic era. His research has been supported by various funding sources, such as the e-ASIA Joint Research Program, Tahir Professorship Program at Universitas Airlangga, and collaborations with the HSP-CDC Atlanta-USA for whole-genome sequencing of SARS-CoV-2.



Currently, Prof. Dr. Kuntaman holds the position of Professor in Microbiology at the Faculty of Medicine, Universitas Wijaya Kusuma in Surabaya. He is also actively involved in several advisory roles, including serving as an advisor for The Indonesian Association for Clinical Microbiology (PAMKI) from 2015 to 2018. He is a member of the advisory boards for the National Committee of Program on Antimicrobial Resistance and the Antimicrobial Resistance Control Program at Dr. Soetomo Hospital Surabaya. Additionally, he has been part of the team organizing the Side Event on Antimicrobial Resistance in G20, representing the Ministry of Health Republic of Indonesia. With his extensive expertise, research contributions, and advisory roles, Prof. Dr. Kuntaman plays a crucial role in advancing the field of Microbiology and promoting antimicrobial resistance control in Indonesia.



Prof. dr. Pratiwi Sudarmono, Ph.D., Sp.MK(K)

Prof. dr. Pratiwi Pudjilestari Sudarmono, PhD, SpMK(K) completed her medical degree at Universitas Indonesia and obtained her PhD in Molecular Biology from Osaka University. She furthered her education in microbiology at Universitas Indonesia.

Prof. Sudarmono has an extensive background in academic and professional development. She has received training as a facilitator and tutor at FKUI and participated in a Research Ethics Workshop organized by the Ministry of Health (NIH) Ina-Respond.

Throughout her career, she has held various positions and made significant contributions to the field. She currently serves as a Supervisor of the Education and Development Institution at Manajemen FKUI and has been the Chairperson of UKK PPM LMK FKUI. Additionally, she holds the position of Chairperson of the National Research and Development Health Ethics Committee for the years 2021-2025. She also serves as the Chair of the Curriculum Commission at the College of Clinical Microbiology.

Prof. Sudarmono has been recognized for her outstanding work and dedication. She has received awards such as the FKUI Potential Researcher based on the number of articles in SCOPUS and has been acknowledged for her contributions to the development of microbiology in Indonesia by the Indonesian Society of Microbiology.

Her expertise and knowledge have been shared through workshops and conferences. As a speaker, she has presented on topics such as the management of COVID-19 laboratories and the mutation of SARS-CoV-2 at various events, including the 21st International Annual Pre-Conference of the Forum for Ethical Review Committees in the Asian & Western Pacific Region (FERCAP).

Prof. Sudarmono has also made significant contributions to scientific literature with her latest publications. She has published articles on the B.1.617.2 (delta) variant of SARS-CoV-2 infection after a second dose of vaccine in the World Journal of Clinical Cases. Additionally, she has explored the potency of bacterial sialidase from Clostridium perfringens as an antiviral agent for Newcastle disease infections using an embryonated chicken egg in ovo model, as published in Veterinary World.



Dr. J.A. Juliette Severin

Since 2006, dr. Juliëtte Severin has been working as a clinical microbiologist with responsibilities in infection control, supervising the diagnostic microbiology lab, and visiting the wards as a consultant. She is the medical coordinator of the Unit Infection Prevention at Erasmus MC. In 2009, she obtained her PhD degree with the thesis entitled "Antimicrobial Resistance in Indonesia: Prevalence, determinants and genetic basis", together with dr. Endang Sri Lestari from Semarang.

With her research, focused on antimicrobial resistance and infection prevention and control, she aims to contribute to this field by understanding specific aspects of this problem. Topics include certain resistant microorganisms (multidrug-resistant *Pseudomonas aeruginosa, Klebsiella pneumoniae, Acinetobacter baumannii*, MRSA) and infection control measures (e.g. hand hygiene, outbreak management). In her most recent research projects she embraces the One Health approach. In this approach, not only humans but also the environment is taken into account when studying resistant pathogens.

> From 2010 to 2017, she was a member and later chairman of the Control Board of the Working Party on Prevention (WIP). coordinating Infection the development of national guidelines on infection prevention in Dutch healthcare. Since 2015, she is the vice-chairman of the national Signaling Consultation of Hospital-acquired Infections and AntiMicrobial Resistance. She currently chairs the working group that is updating the Dutch infection prevention guideline on Highly Resistant Microorganisms. Since 2021, she is a board member of the Dutch Society for Medical Microbiology, for science and innovation and infection prevention and control.



Prof. Dr. dr. Ni Nyoman Sri Budayanti, Sp.MK(K)

Prof. Dr. dr. Ni Nyoman Sri Budayanti, SpMK(K), is a teaching staff member at the Department of Clinical Microbiology, Faculty of Medicine, Universitas Udayana. Prof. Sri was born in Denpasar on October 23, 1968. She completed her general medical education in 1993 at the Faculty of Medicine, Universitas Udayana, specialized training in clinical microbiology in 2003 at the Faculty of Medicine, Universitas Indonesia, and postgraduate education in 2012 at the Faculty of Medicine, Universitas Udayana.

Currently, Prof. Sri also serves as the Head of the Integrated Laboratory Installation at Udayana University Hospital and the Chairman of the Indonesian Association of Clinical Microbiology Specialists (PAMKI) Bali for the 2023-2025 period. She is also the Chairman of the Professional Development Division of the Central Management of PAMKI for the 2022-2025 period.

Prof. Sri's involvement in the field of One Health began in 2014 when she joined the Indonesia One Health University Network (INDOHUN). Since 2015, Prof. Sri has been appointed as the INDOHUN Liaison Officer, which requires her to visit member universities of INDOHUN to give lectures or explanations about One Health. In the same year, she and four others were sent to the University of Minnesota in the United States to be trained as master trainers for OH-SMART.

Udayana OHCC (One Health Collaboration Center) was established in 2016 through collaboration between INDOHUN and Udayana University with the aim of expanding One Health activities in Indonesia. Prof. Sri has been appointed as the Chairman of Udayana OHCC since its inauguration until now. Many One Health-based programs have been carried out, such as swine meningitis, avian flu rabies, and COVID-19.

In the field of Antimicrobial Resistance (AMR), Prof. Sri actively plays a role in the hospital's antibiotic resistance control program and the control of antibiotic use in the community through the Wise Antibiotic Village program (SAJAKA).



dr. Shinta Vera Hutajulu SpAn-TI,KIC

dr. Shinta Vera Hutajulu, Sp. An-KIC, is a highly skilled medical professional specializing in anesthesiology and intensive care. She obtained her medical degree from Universitas Sumatera Utara and pursued further specialization in anesthesiology at Universitas Indonesia. She also completed a program in Intensive-KIC at Universitas Padjadjaran.

dr. Hutajulu's expertise is utilized in various healthcare institutions. She currently serves as an anesthesiologist at RS MH THAMRIN Salemba and works in the KIC-ICU department at RS Mayapada Lebak Bulus.

She is an active member of several professional organizations, including IDSAI JAYA since 2005, the European Society of Intensive Care Medicine (ESICM) since 2014, the Organizing Committee of PERDICI Pusat since 2017, and the Society of Critical Care Medicine (SCCM) since 2018.



dr. Hutajulu has participated in prestigious events and conferences within her field. She attended the 48th Critical Care Congress held in San Diego in 2019. She also played a role as an instructor at The First Annual Meeting of INASIA in Makassar in the same year and at the 9th Annual Meeting of ISICM in Palembang in 2018.

With her dedication to continuous learning and active involvement in professional organizations, dr. Shinta Vera Hutajulu remains at the forefront of advancements in anesthesiology and intensive care. Her expertise and contributions greatly benefit the medical community and the patients she serves.



Motoyuki Sugai

Dr. Motoyuki Sugai, a highly accomplished professional in the field of dentistry and research, has made significant contributions to the study of bacterial drug resistance and infectious diseases. He holds a Doctor of Dental Surgery (D.D.S.) degree as well as a Ph.D. Throughout his illustrious career, Dr. Sugai has held esteemed positions and taken part in numerous influential activities.

In 2016, Dr. Sugai served as the President of The Society for Bacterial Drug Resistance, a role that highlighted his expertise and dedication to combating antibiotic resistance. He also took on the role of co-chairman for the prestigious International Symposium on Staphylococci and Staphylococcal Infection (ISSSI2016 Seoul).

Dr. Sugai's commitment to advancing research and combating antimicrobial resistance led him to become the Director of the Antimicrobial Resistance Research Center at the National Institute of Infectious Diseases. In this capacity, he has spearheaded groundbreaking studies and initiatives to understand and mitigate the spread of drug-resistant bacteria.

As an accomplished author, Dr. Sugai has published numerous books and articles that have contributed to the scientific literature. His work encompasses a wide range of topics related to microbiology, immunology, and infectious diseases, demonstrating his extensive knowledge and expertise in these areas.

Dr. Sugai's reputation as an expert in his field has led to numerous invitations to speak at prestigious international conferences and symposiums. As a featured speaker, he has shared his insights and research findings, further cementing his position as a thought leader in the global scientific community.

Additionally, Dr. Sugai has served as an Associate Editor of Microbiology and Immunology, showcasing his editorial expertise and commitment to fostering the dissemination of scientific knowledge.



Prof. Jun Kobayashi, MD., Ph.D

Prof. Dr. Kobayashi brings over two decades of experience in the field of global health and has an impressive publication record with more than 90 articles published in renowned international scientific journals. His work has focused on strengthening infectious disease control and school health systems in low- and middle-income countries, as part of the Japanese Official Development Assistance (ODA) program. He has excelled both as a practitioner and researcher, contributing significantly to capacity-building efforts.

In recognition of his contributions to malaria control, Prof. Dr. Kobayashi received the 3rd Merit of Labor from the Lao government in 1999. Since 2000, he has been an integral member of the Hashimoto Initiative, advocating for the importance of deworming and implementing infectious disease programs in schools. He has played a vital role in developing human resources for policy management in Asian and African countries.

Since 2008, Prof. Dr. Kobayashi has served as the chair of the Japan Consortium for Global School Health Research (JC-GSHR), a prominent think-tank and the focal point for Japan's global promotion of school health. Additionally, he holds the position of head of the Department of Global Health at the School of Health Sciences, University of the Ryukyus. As the program leader of the Okinawa Global Health Program, established in October 2015, he actively contributes to the development of human resources that address public health issues in the region.



In recognition of his impactful contributions to global health practice, including the promotion of school health in developing countries and assistance to Myanmar migrants, Prof. Dr. Kobayashi received the Encourage Award from the Ooyama Foundation in 2013. His unwavering dedication and achievements make him a highly respected figure in the field of global health and a driving force in addressing public health challenges worldwide.



Prof. drh. Wiku Bakti Bawono A., M.Sc., Ph.D

Prof. drh. Wiku Bakti Bawono Adisasmito, Msc., PhD, a distinguished professional in the field of veterinary medicine and global health, has made remarkable contributions to various areas of expertise. Currently serving as the spokesperson and lead expert team member for the Indonesia National Taskforce for Foot and Mouth Disease (FMD), Prof. Adisasmito plays a crucial role in providing strategic guidance and communication regarding FMD-related issues. His expertise in this field has earned him widespread recognition and led to his appointment as the spokesperson for the Indonesia National Taskforce for COVID-19, highlighting his leadership and expertise in managing infectious diseases.

Beyond his national roles, Prof. Adisasmito has garnered an international reputation. As an Adjunct Professor of Infectious Disease and Global Health at Cummings School of Veterinary Medicine, Tufts University in Boston, USA, since 2018, he contributes to the advancement of knowledge in the field. He has also served as an Affiliate Professor at the University of Minnesota, USA, further solidifying his global presence.

Prof. Adisasmito's achievements extend beyond his professional affiliations. He has been recognized with prestigious awards, including the Anugerah Pahlawan Inspiratif 2021 and the Satyalancana Karya Satya X dan XX in 2019, acknowledging his outstanding contributions to the field. Moreover, his role as an academic leader, appointed by the Ministry of Research, Technology and Higher Education.

With a strong focus on research and project support, Prof. Adisasmito has been the Principle Investigator for the One Health Laboratory Network. Additionally, as the coordinator for the Indonesia One Health University Network, he has successfully connected 34 health faculties across 20 Indonesian universities as part of the USAID One Health Workforce - Next Generation project.



Dr. dr. Andani Eka Putra, M.Si

Dr. dr. Andani Eka Putra, MSc, is a distinguished medical professional and researcher dedicated to the well-being of the nation. Guided by the motto "Menuju Kemandirian Untuk Kemaslahatan Bangsa" (Towards Independence for the Benefit of the Nation), he has made significant contributions in the field of medicine and healthcare.

Dr. Andani completed his medical degree at the Faculty of Medicine, Universitas Andalas, and furthered his education with a Master's degree in Molecular Biology and Immunology from the Faculty of Medicine, Universitas Gadjah Mada. He pursued his doctoral studies in Medical Sciences, also at the Faculty of Medicine, Universitas Gadjah Mada.

Throughout his career, Dr. Andani has held notable positions in various organizations. He serves as a Commissioner at PT. Kimia Farma Diagnostika and worked as a Medical Research Consultant at PT. Kimia Farma from 2020 to 2021. Additionally, he has contributed his expertise as a Pandemic COVID-19 Expert for the Ministry of Health.

Recognized for his outstanding professional achievements, Dr. Andani has received numerous prestigious awards. He was honored as a Profesional Indonesia by iNews and received the Gatra Award in 2020. His dedication and exemplary character were acknowledged when he was named Warga Teladan in Padang and Warga Kehormatan in Surabaya, both in 2020. Dr. Andani's innovative contributions in the field of healthcare earned him the Tokoh Inovatif award from the National Disaster Management Agency (BNPB) in 2021.



Dr. Andani actively engages in professional organizations, being a member of PERMI (Perhimpunan Mikrobiologi Indonesia) and PAMKI (Perhimpunan Dokter Spesialis Mikrobiologi Klinik Indonesia) in Sumatera Barat. He also serves as part of the executive board of the Indonesian Medical Association (IDI) from 2022 to 2025, demonstrating his commitment to advancing the medical field.

In his research endeavors, Dr. Andani has conducted in-depth studies on various aspects of infectious diseases. Notably, his research includes the analysis of the effects of vaccination on SARS Cov2 infection protection in vitro (2022) and the transcriptomic analysis of patients with SARS Cov2 (2021). These research efforts contribute to a better understanding of viral infections and help inform preventive measures and treatment strategi



Prof. dr. Muh. Nasrum Massi, PhD

Muh. Prof. dr. Nasrum Massi, Ph.D., Sp.MK(K), is a highly accomplished medical professional with extensive expertise in the field of clinical microbiology. Throughout his career, he has made significant contributions to research, education, and the advancement of medical knowledge.

Prof. Nasrum Massi completed his medical education at the Faculty of Medicine, Universitas Hasanuddin, and further pursued a Ph.D. degree at Kobe University in Japan. He also underwent specialized training in the Program Pendidikan Dokter Spesialis (PPDS) at Universitas Hasanuddin, specializing in clinical microbiology.

Driven by a passion for research and innovation, Prof. Nasrum Massi has been involved in several groundbreaking studies. He led the research project "Genotipe Rekombinan Baru Virus Corona Strain Lokal Sulawesi Selatan sebagai Alat Diagnosis Baru berbasis Molekuler Penelitian Riset dan Inovasi Produktif" in 2021, which focused on the development of a new molecular-based diagnostic tool for a novel recombinant coronavirus strain in South Sulawesi. Additionally, he served as the principal investigator for the research project "Analisis Ekspresi Gen dan Kadar Protein Natural Resistance Associated Macrophage 1 (NRAMP-1) dan Vitamin D Receptor (VDR) terhadap respon Terpai dengan Virgin Coconut Oil (VCO) dan Berjemur terhadap Penderita Limfadenitis Tubercolosis Penelitian Dasar" in the same year, which investigated the expression of certain genes and protein levels in response to treatment with Virgin Coconut Oil and sun exposure in patients with tuberculosis-associated lymphadenitis.

Prof. Nasrum Massi's research contributions have been recognized through his publications in reputable journals. He has published articles such as "Unusual Presentation of Non-Neoformans Cryptococcal Infection: Cutaneous Cryptococcosis Caused by Cryptococcus laurentii" in SKINmed: Dermatology for the Clinician (2023) and "Detection of katG, inhA and ahpC gene mutation in clinical isolates of isoniazid-resistant Mycobacterium tuberculosis in Makassar City, South Sulawesi, Indonesia" in the Indian Journal of Tuberculosis (2023).

Apart from his research endeavors, Prof. Nasrum Massi has authored books on various medical topics, including "Tinjauan Multi Aspek Transmisi Vertikal Hepatitis B" (2022) and "Penanganan Covid-19 (Best Practice Akademisi UNHAS)" (2021). He has also undergone specialized training, such as the Oxford Nanopore Technologies training for PCR tiling of SARS-CoV-2 virus and the International Certified Wealth Manager Program.

Prof. Nasrum Massi actively engages in academic activities and professional organizations. He has served as a guest lecturer, delivering a lecture titled "Laboratory diagnostic of Mycobacterium tuberculosis: Current update and Challenges,"



and as a moderator at the 11th National Congress of Indonesian Society for Clinical Microbiology. He is a member of several esteemed organizations, including Pulsenet Asia Pacific, the Indonesian Tropical and Infectious Diseases Association (PETRI), and the Indonesian Clinical Microbiology Association (PAMKI).

His exceptional contributions and dedication to the medical field have been recognized through various awards. Prof. Nasrum Massi received the prestigious Penghargaan atas partisipasi sebagai Peneliti dalam Uji Klinis Vaksin COVID-19 BUMN (2022) for his participation as a researcher in the clinical trials of COVID-19 vaccines in Indonesia. He has also been honored as one of the "10



Shukry Zawahir, MSc, PhD, GDip ClinEpid, B.Pharm

Mohamed (Shukry) Zawahir is a highly accomplished researcher with a strong background in pharmacy and clinical epidemiology. He obtained his Bachelor's degree in Pharmacy from the University of Sindh in Pakistan. Building upon this foundation, he pursued further education at renowned institutions, including a Graduate Diploma in Clinical Epidemiology from The University of Newcastle in Australia, an MSc in Pharmacy from Universiti Sains Malaysia, and a PhD in Pharmacy from The University of Sydney, also in Australia.

Dr. Zawahir's research primarily focuses on conducting clinical trials and investigating various aspects of infectious diseases. He has played a key role in coordinating phase 2 and phase 3 clinical trials related to tuberculosis in study sites across Sydney and Vietnam. These extensive trials, spanning over a decade, are funded by the US Centers for Disease Control and Prevention and are conducted by the Tuberculosis Trials Consortium. Additionally, Dr. Zawahir has contributed as a co-investigator in a cohort study exploring the psychological needs of patients with COVID-19 and their families. This study, managed through RPA Virtual, aims to identify predictors of acute psychological distress among COVID-19 patients and their household contacts.



Dr. Zawahir's expertise and research contributions have been recognized through peer-reviewed original research publications. He has authored papers such as "Mapping access to drug outlets in Vietnam: distribution of drug outlets and the sociodemographic characteristics of the communities they serve" published in The Lancet Regional Health - Western Pacific in 2023. Another notable publication is "Inappropriate supply of antibiotics for common viral infections by community pharmacies in Vietnam: A standardized patient survey" featured in The Lancet Regional Health - Western Pacific in 2022.

Sharing his knowledge and experience, Dr. Zawahir has been invited to speak at various events and academic institutions. He delivered an information session on postgraduate opportunities in Allied Health Science, Biological Science, and Agriculture organized by All Universities Muslim Student Association in Sri Lanka in December 2022. Additionally, he provided a guest lecture on opportunities for pharmacy graduates in Australia at the University of Ruhuna in Sri Lanka, also in December 2022..





dr. Titiek Sulistyowati, M.Ked.Klin. Sp.MK

dr Titiek Sulistyowati, had made her distinguished carrier as clinical microbiologist. After completing her Clinical Microbiologist from Airlangga University, she become fellow of Antimicrobial Resistance Laboratory in Erasmus MC, Netherlands.

Many clinical laboratory training she has followed as participants or facilitator nationally and internationally. Currently she is the head of Microbiology department, BBLK Surabaya and as organizator, she serves as the Chief of Clinical Microbiologist, Surabaya Chapter (2022-2025). Her focus currently is in molecular TB and AMR laboratory.





dr. Budi Haryanto, Sp.MK

dr. Budi Haryanto, a distinguished medical professional, has made remarkable contributions to the field of microbiology. He earned his Medical Doctor (MD) degree from UPN Veteran Jakarta and pursued further specialization as a Clinical Microbiologist at Universitas Indonesia.

With a commitment to staying at the forefront of advancements in his field, dr. Haryanto attended the MOLECULAR Tb EXAMINATION WORKSHOP seminar in Osaka, Japan in 2017. This seminar focused on the application of NIPRO genoscolar for molecular tuberculosis examination. By participating in such events, Dr. Haryanto demonstrates his dedication to expanding his knowledge and expertise in diagnostic techniques, particularly in the area of tuberculosis.



Currently, dr. Haryanto holds the esteemed position of being the Head of the Microbiology Lab unit at RSUP Persahabatan. In this leadership role, he oversees the operations of the microbiology laboratory, ensuring the delivery of accurate and timely diagnostic services. His expertise and guidance contribute to effective management and treatment of infectious diseases within the hospital setting.



dr. I Wayan Agus Gede Manik Saputra, M,Ked,Klin Sp.MK

dr. I Wayan Agus Gede Manik Saputra, a highly skilled medical professional, has made notable contributions in the field of clinical microbiology. He obtained his Medical Doctor (MD) degree from Universitas Udayana, followed by specialized training in the Clinical Microbiologist Specialist Program at Universitas Airlangga.

dr. Saputra's expertise and dedication to advancing medical knowledge are evident through his participation in various speaking engagements and webinars. He served as a speaker at the Hybrid Seminar "Tata Laksana Sepsis Dengan Pendekatan Komprehensif" organized by PAMKI (Indonesian Society of Clinical Microbiology) and participated in the webinar "Update Terkini Leptospirosis" organized by PAMKI Cabang Surabaya. These engagements showcase his commitment to sharing his knowledge and expertise with fellow professionals.

Currently, dr. Saputra holds the esteemed position of Clinical Microbiologist at Bali Mandara Hospital, where he contributes his expertise to provide accurate and timely microbiological diagnoses. Additionally, he also serves as a Clinical Microbiologist at Niki Diagnostic Centre Denpasar and Ganesha Hospital, further expanding his impact in the field.

dr. Saputra's research contributions are reflected in his publications. He has authored abstracts such as "The Profile of virulence gene exoS, exoT, exoU and exoY from gene encoding effector protein type III secretion system of Pseudomonas aeruginosa in clinical isolate in Sanglah Hospital Bali" in the Abstract Book of the 30th ECCMID 2020 held in Paris. Furthermore, he has published a case report titled "Severe Case of Streptococcus suis Meningitis in Bali Mandara Hospital: a case report" in the Journal of Clinical Microbiology and Infectious Diseases (JCMID), highlighting his dedication to advancing scientific knowledge and improving patient care.

dr. I Wayan Agus Gede Manik Saputra's comprehensive education, professional experience, and significant research contributions make him a highly respected figure in the field of clinical microbiology. His commitment to accurate diagnoses, knowledge sharing, and research advancements contribute to the overall improvement of healthcare outcomes for patients.



Dr. Hendri Pangestu, SpAn., KIC., MH.

dr. Hendri Pangestu, an accomplished medical professional, has made significant contributions to the field of anesthesiology and intensive care. He obtained his Medical Doctor (MD) degree from the esteemed Faculty of Medicine at Universitas Indonesia. Further enhancing his expertise, he completed his Anesthesiologist training at the same institution, specifically at Cipto Mangunkusumo Hospital. In addition, he pursued a Master's degree with a concentration in Medicolegal Program from the Faculty of Law at Universitas Padjadjaran.

dr. Pangestu's dedication to the field is evident through his involvement in various organizations. He is the founder and committee member of Jakarta Critical Care Alumni (JCCA) and actively participates in the management of the Association of Intensive Care Doctors in Indonesia (PERDICI). These roles reflect his commitment to advancing critical care practices and fostering professional networks in the medical community.

Currently, dr. Pangestu holds the esteemed position of Head of the Intensive Care Department and Head of the Emergency Department at MRCCC Siloam Hospital Semanggi. In these leadership roles, he oversees the operations of both departments, ensuring the delivery of exceptional care to critically ill patients and managing emergency cases effectively.

> dr. Pangestu's expertise and dedication extend beyond his clinical work. He actively engages in training, experience sharing, and scientific activities. In 2022, he served as a moderator for the Workshop on Inhalation Sedation in the ICU in Jakarta, providing valuable insights and guidance in this specialized area. Additionally, in 2023, he was a speaker at the 5th Annual Scientific Meeting of the Indonesian Society of Intensivist Anesthesiologists in Palembang, where he shared his expertise and research findings with fellow professionals.



dr. Anis Karuniawati, Ph.D., Sp.MK(K)

Anis Karuniawati, MD, PhD, is a highly accomplished clinical microbiologist who has made significant contributions to the field of medical research and professional organizations. With a strong educational background and extensive experience, Dr. Karuniawati has established herself as a respected expert in her field.

Dr. Karuniawati obtained her medical degree from the Faculty of Medicine at the University of Indonesia. She further pursued her academic journey and earned her Doktor der Agrarwissenschaften (Dr. sc. agr., equivalent to a Ph.D.) from the Institut fuer Umweltund Tierhygiene sowie Tiermedizin und Tierklinik, Universitaet Hohenheim in Stuttgart, Germany. In addition, she obtained certification as a Clinical Microbiologist from the Indonesian Society for Clinical Microbiology, showcasing her expertise in the field.

As an esteemed professional, Dr. Karuniawati has held several significant positions in various organizations. Currently, she serves as the Chair for the Indonesian Society for Clinical Microbiology (PAMKI) and is a member of the Dewan Perhimpunan Dokter Spesialis dan Subspesialis, Majelis Pengembangan Pelayanan Keprofesian (MPPK). Her involvement in the Indonesian Society of Infection Control (PERDALIN) and the Perhimpunan Gastroenterologi, Hepatologi, dan Nutrisi Anak Indonesia (PGHNAI) further highlights her commitment to the advancement of healthcare practices in multiple domains.

Throughout her career, Dr. Karuniawati has garnered a wealth of experience and recognition. She was a member of the Health Sector Committee for the G20 Indonesia Presidency in 2022, contributing to discussions on global health issues. Her expertise is also recognized through her role as a reviewer for the Medical Journal of Indonesia and her participation as a speaker in prestigious symposiums and conferences, including the Annual Symposium ICU Without Wall and the One Health in Fighting Antimicrobial Resistance event.

Dr. Karuniawati's research efforts have led to significant contributions in the field of clinical microbiology. Her publications include articles such as "Risk Factors for Development of Invasive Candidiasis in Critically III Patients: A Prospective Observational Study in Intensive Care Unit of a Tertiary Hospital" in the Bali Journal of Anesthesiology and "Performance of Xpert MTB/RIF and sputum microscopy compared to sputum culture for diagnosis of tuberculosis in seven hospitals in Indonesia" in Front Med. These publications highlight her dedication to advancing knowledge and improving healthcare outcomes.

In recognition of her exceptional contributions, Dr. Anis Karuniawati has received prestigious awards, including the Piagam Tanda Kehormatan Presiden RI Satyalancana Karya Satya XX Tahun in 2019 and the 2nd Best Oral Presentation in The 2nd International Conference on Global Health organized by FMUI in 2017.



CONFERENCE AGENDA

Time (WITA) GMT+8	Program			
DAY 1 (Friday, 7th July 2023)				
07.30 - 08.10	Registration			
Opening Ceremor	ny: Welcoming speech			
08.10 - 08.12	Opening by MC			
08.12 - 08.17	Opening dance performance (Tar	i Kembang Semb	bah)	
08.17 - 08.22	National anthem of Indonesia (Ind	donesia Raya)		
08.22 - 08.27	Welcome remark by Chairman of	PIT PAMKI and 3	rd GHI 2023	
08.27 - 08.32	Welcome remark by Chairman of	Indonesia Societ	y for Clinical Microbiology	
08.32- 08.37	Welcome remark by Rector of Un	iversity of Matara	ım	
08.37 - 08.42	Opening of the event by Rector o for Clinical Microbiology	f University of Ma	taram and Chairman of Indonesia Society	
08.42 - 08.45	Photo session			
Keynote Speech				
08.45 - 09.00	Keynote Speech Indonesia's Role in Global Antimic Speaker: Ines Atmosukarto, PhD.		5	
09.00 - 09.15	Keynote Speech Medical Ethics Speaker: Prof. dr. Amin Soebandrio W. Kusumo, PhD., Sp.MK(K)			
09.15 - 09.35	Opening Exhibition			
Plenary Lecture				
09.35-09.55	Plenary Lecture Description of complex infection alternative therapy in combating Speaker: Dr. J.L. (Jan) Nouwen		the treatment with bacteriophages as	
09.55-10.15	Plenary Lecture Challenges of tricycle WHO characterization surveillance Speaker: Associate Prof. Hazim Kh		microbial susceptibility and genomic	
10.15 - 10.25	Photo session and Coffee Break			
	Syn	nposium 1		
Symposium 1	I PAMKI (Trawangan Room)	Sym	posium 1 GHI (Mayura Room)	
	hreats for surgery cases s Karuniawati, Ph.D., Sp.MK(K)		pproach of antimicrobial resistance control Ir. E. Hagni Wardoyo, Sp. MK	
10.25 - 10.45	Topic I : Prudent use of antibiotic in surgery Speaker : dr. Delly Chipta Lestari, Sp.MK	10.25 - 10.45	Topic I : Policy approaches of AMR Speaker : Motoyuki Sugai (Director AMR Research Center National Institute of Infectious Disease)	
10.45 - 11.05	Topic 2 : Multidrug resistance organism: Challenges and opportunities Speaker : Prof. Dr. dr. Kuntaman, MS., Sp.MK(K)	10.45 - 11.05	Topic 2 : Formulating the Asian network on public health security for targeting the vulnerable population in facing the next pandemic Speaker : Prof. Jun Kobayashi, MD., Ph.D	
11.05 - 11.25	Discussion	11.05 - 11.25	Discussion	

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11.25 - 13.30 Lunch break and Jum'ah Pray					
	Symposium 2				
Symposium	2 PAMKI (Trawangan Room)	Symposium 2 GHI (Mayura Room)			
Theme : Molecular approach in detection of Multidrug Resistance Bacteria Moderator : dr. Anis Karuniawati, Ph.D., Sp.MK(K)		Theme : Innovation in antimicrobial resistance for the future Moderator : dr. Dian Puspita Sari, M.Med.Ed.			
13.30 -13.50	Topic 1 : Comparation of molecular and conventional method for MDR detection Speaker : Prof. dr. Pratiwi Sudarmono, Ph.D., Sp.MK(K)	13.30 -13.50	Topic 1 : Innovation in One Health approach in prevention and mitigation of future pandemic Speaker : Prof. drh. Wiku Bakti Bawono A., M.Sc., Ph.D)		
13.50 - 14.10	Topic 2 : Surveillance of AMR and data for action Speaker : Dr.J.A. Juliette Severin	13.50 - 14.00	Discussion and Photo Session		
14.10 - 14.30	Discussion				
	Sym	nposium 3			
Symposi	um 3 (Trawangan Room)	Sy	mposium 3 (Mayura Room)		
Theme: Innovation future Moderator: Dr. Lin	n in molecular diagnostic for the osefa, Sp.MK	Theme : Public Health Approach Moderator : dr. Astri Ferdiana, MPH, Ph.D			
14.30-14.50	Topic 1 : Projections of the development of molecular diagnostic technology in Indonesia: Today and the Future Speaker : Dr. dr. Andani Eka Putra, M.Sc (Ministry of Health RI)	14.00-14.20	Topic 1 : Research method in antibiotic used Speaker : Shukry Zawahir, MSc, PhD, GDip ClinEpid, B.Pharm (Australia)		
14.50-15.10Topic 2: Molecular diagnostic methods in the perspective of clinical services and epidemiology setting Speaker: Prof. dr. Muh. Nasrum Massi, PhD.14.20-14.30Discussion		Discussion			
15.10-15.30	Discussion				
14.30 - 15.30	Poster Exhibition				
15.30 - 16.00	Coffee Break				
16.00 - 17.30 Oral Presentation (Berugak Room and Mayura Room)					

DAY 1 Gala Dinner PAMKI

	Opening
10 00 10 10	Opening by MC
19.00-19.10	Opening Pray
	Welcome Remarks by Head of Microbiology College Chapter NTB
19.10-19.25	PAMKI Performance - PAMKI Chapter Malang - PAMKI Chapter Surabaya
19.25-19.55	Gala Dinner
19.55-20.05	Introducing new microbiology clinician
20.05-20.20	PAMKI Performance - PAMKI Chapter Denpasar - PAMKI Chapter Makassar 1
20.20-20.35	Games

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20.35-20.40	Sponsorship advertising
20.40-20.55	PAMKI Performance - PAMKI Chapter Makassar 2 - PAMKI Chapter Yogyakarta
20.55-21.05	Tribute and in memoriam session
21.05-21.20	PAMKI Performance - PAMKI Chapter Aceh - PAMKI Chapter Jakarta - PAMKI Chapter Semarang
21.20-21.35	Games
21.35-21.40	Voting for the Most Favorite PAMKI Performance
21.40-21.45	Announcement for Favorite PAMKI Performance

	DAY 2 (Saturday, 8th July 2023)			
07.30 - 08.30	Registration			
08.30-08.45	Plenary Lecture (Trawangan Room) Malditof mass spectrometry for the future diagnostics speaker: He Yuan, PhD. (Zybio inc)	Demonstration from PT. Crown (Mayura Room)		
	Symposium 4 PAMKI	08.00-08.15	Opening	
management of se	of identification to find true MDR TB cases and fasten epsis ek Sulistyowati, M.Ked.Klin., Sp.MK	08.15-08.30	Introduction from Plasma Unitech Teknologi Indonesia	
08.45-09.05	Topic 1 : The importance of INH Monoresistance in TB Diagnosis and Update on molecular TB instrument Speaker : dr. Budi Haryanto, Sp.MK	08.30-08.50	Presentation: "Basic PCR"	
09.05-09.25	Topic 2 : The importance of identifying the right organism for sepsis management Speaker : dr. I Wayan Agus Gede Manik Saputra, M,Ked,Klin Sp.MK	08.50-09.15	Presentation: "Mini PCR"	
09.25-09.40	Discussion	09.15-09.40	Demonstration: Running MiniPCR	
09.40-09.55	Coffee Break			
	Symposium 5 PAMKI			
	multidrug resistant pathogen in critically ill patients E. Hagni Wardoyo, Sp. MK	09 55 - 10 40	Presentation: Blue Gel	
09.55-10.15	Topic 1 : Multidrug resistant sepsis among chronic hemodialysis patient Speaker : Dr. Hendri Pangestu, SpAn., KIC., MH.		Electrophoresis	
10.15-10.35	Topic 2 : Multidimensional aspect to prevent spreading of multidrug resistant pathogen Speaker : dr. Anis Karuniawati, Ph.D., Sp.MK(K)			
10.35-10.50	Discussion	10.40 - 11.10	Demonstration: Running Blue Gel	
	Symposium 6 PAMKI	Electrophoresis	Electrophoresis	
•	ent of difficult pathogen in rare case r. dr. Nyoman Sri Budayanti Sp.MK (K)			
10.50-11.10	Topic 1 : Identification of non tuberculous mycobacteria (NTM) species and their antimicrobial sensitivities as wellas analysis of virulence factors Speaker : dr. Leli Saptawati, Sp,MK(K)	11.10 -11.25	Presentation: Analysis of result	

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11.10-11.30	Topic 2: Challenging diagnosis of non tuberculous mycobacteria (NTM) infection for the best management11.10-11.30Speaker: dr. R. Lia Kusumawati Iswara, PhD, Sp.MK(K)		Discussion	
11.30-11.45	Discussion	11.35 – 11.45	Closing	
Closing Ceremony (Trawangan Room)				
11.45 -11.55	11.45 -11.55 Announcement for best oral presentation and doorprize			
11.55 - 12.00	2.00 Photo session			
12.00 - 12.03	2.00 - 12.03 Closing remarks from Head of Microbiology College Chapter NTB			
12.03 - 12.05	3 - 12.05 Closing words from MC			
12.05 - 13.00	2.05 - 13.00 Lunch			



SCHEDULE FOR ORAL PRESENTATION

Friday, 7th July 2023 **16.00 - 17.30**

No	Time	Mayura Room	Berugak Room	
٦	16.00-16.10	Paper ID: P-007Sequence analysis of the Spike, RNA- dependent RNA polymerase, and protease genes reveals a distinct evolutionary pattern of SARS-CoV-2 variants circulating in Yogyakarta and Central Java provinces, IndonesiaPresenter:Mohamad Saifudin	Paper ID: P-001Title: Risk factors associated with suspected clostridium difficile infection (cdi) in elderly diarrhea patients at PROF. DR. I.G.N.G. Ngoerah Hospital: a preliminary studyPresenter: Ni Luh Putu Harta Wedari	
		(Online)		
2	16.10-16.20	Paper ID: P-054Title:MolecularidentificationoftuberculousmycobacteriausingsodA and its16S-23S rRNAPresenter:YoopieSetiawan	Paper ID: P-096 Title: The Effect of the Type of Covid-19 Vaccines on the Neutralization Response Presenter: Mutia Lailani (Online)	
3	16.20-16.30	Paper ID: P-056 Title: Detection Capsule Serotype of Streptococcus suis isolated from clinical specimens using MULTIPLEX-PCR (M-PCR) Presenter: Ni Made Adi Tarini	Paper ID: P-112 Titler: The Differences between Gene Expression of Tryptophan-Aspartate Containing Coat Protein at The Infection Period of Tuberculosis Patients	
			Presenter: Rebekah Juniati Setiabudi	
4	16.30-16.40	Paper ID: P-075 Title: Correlation between thai - lepto score with lateral flow (LF) and microscopic agglutination test (MAT) results in leptospirosis patients	c Fungaemia among HIV Patients in H.	
		Presenter: Nesia Hani Alviyuliani	Presenter: Cherry Siregar (Online)	
5	16.40-16.50	Paper ID: P-079 Title: Comparison of DNA extraction modification using QIAamp DNA mini kit vs boiling methods for M. Tuberculosis isolate		
		Presenter: Deby Kusumaningrum	Presenter: Dewi Anggraini	
6	16.50-17.00	Paper ID: P-108Title: Interferon-γ (QIAREACH ®) Tests compatibility to GENEXPERT® MTB/RIF for lung tuberculosis diagnosis in childrenPresenter: Tri Angelia Syam	Paper ID: P-142 Title: Bacteriological profile and antibiotic sensitivity pattern in chronic suppurative otitis media at Nusa Tenggara Barat Province Hospital Presenter: Didit Yudhanto	

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OFFLINE POSTER EXHIBITION

Friday, 7th July 2023 **14.30 - 15.30**

No	AISLE 1 (In front of the Guest-VIP room)	AISLE 2 (Behind the Guest-VIP room)
1	Paper ID: P-003 Title: Prevalence and antibiotic susceptibility pattern of extended-spectrum b-lactamase producing <i>Escherichia coli</i> and <i>Klebsiella</i> <i>pneumoniae</i> from Intensive Care Unit Prof. Dr. I.G.N.G. Ngoerah General Hospital Denpasar in 2020 – 2022	Paper ID: P-051 Title: Enterobacter cloacae Isolated from Post Surgical Endophthalmitis
	Author(s): Velicia Irene Kesuma, Dwi Purnama Sari, James Setyadi Handono, et al.	Author(s) : Handayani R., Nadya H., Yoeke D, <i>et al</i> .
2	Paper ID: P-004 Title: Antibiotic susceptibility pattern of <i>Acinetobacter baumannii</i> isolated from sputum specimens in Prof. Dr. I.G.N.G Ngoerah General Hospital during 2020 – 2022	among COVID-19 patients at discharge screening
	Author(s): Dwi Purnama Sari, James Setyadi Handono, Velicia Irene Kesuma, et al.	Author(s) : Shod Abdurrachman Dzulkarnain, Susanthy Djajalaksana, Dewi Indiastari, <i>et al</i>
3		Paper ID: P-061 Title: Successful management of Hospital-Acquired Pneumonia through HAI bundle management in a 15-year-old female: a case report
	Author(s): Felicia Aviana, Ni Nengah Dwi Fatmawati, I Nyoman Kurniawan	Author(s) : David Christianto, Kuntaman, Ratna Kusumawati, and Wira Widjaya Lindarto
4	Paper ID: P-008Title:Neglectedtropicaldisease-chromoblastomycosis:Treatment failure with oralterbinafine and itraconazole combinationAuthor:Suharyadi Sasamanto, Pepy Dwi Endraswari,Deby Kusumaningrum	Carbapenem-resistant <i>Acinetobacter baumannii</i> (CRAB) from Blood Cultures in COVID-19 ICUs and non COVID-19 ICUs at dr. Saiful Anwar Hospital Malang, Indonesia from September 2020 to
5	Paper ID: P-009 Title: The effect ofloxacin in eradicating biofilms of clinical isolates of <i>Pseudomonas aeruginosa</i> causing CSOM at RSUD Dr. Soetomo Surabaya Author(s): Budi Mulyawan, Agung Dwi Wahyu Widodo, Artono, et al.	Paper ID: P-063 Title : Antimicrobial effect of photodynamic therapy with Methylene blue on clinical isolates Acinetobacter baumannii and Pseudomonas aeruginosa: in vitro Author(s) : Yunialthy D Pertiwi, Firdaus Hamid, AR Sultan, Lisa Tenriesa M, et al
6	Paper ID: P-012	Paper ID: P-063

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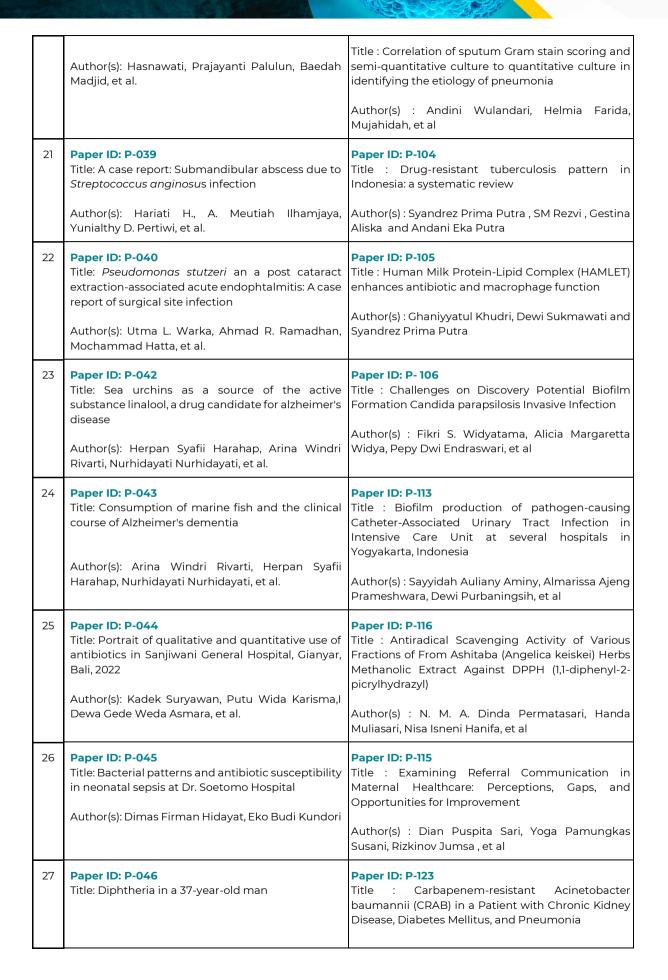
	from urine specimens at Prof. dr. I.G.N.G Ngoerah Hospital in 2022	Title : The prevalence of multidrug resistant organisms among clinical isolates obtained from COVID-19 and regular patients in a tertiary hospital in indonesia (interim report)
	Author(s): Ni Made Widiyanti, Anak Agung Ngurah Agung Adhiyoga Santosa, Made Agus Hendrayana	Author(s) : Radhitya Abdullah, Susanthy Djajalaksana, Dewi Indiastari, et al
7	Paper ID: P-014 Title: Mucormycosis in diabetic ketoacidosis patient: A case report	Paper ID: P-065 Title : Intervening with healthcare workers knowledge on handling specimens of continuous ambulatory peritoneal dialysis fluid in Dr. Saiful Anwar Hospital, Malang, Indonesia
	Author(s): Winny Ardhitiya Garini, Arthur Pohan Kawilarang, Alicia Margaretta Widya	Author (s) : Yulanda Marta Lena, Atma Gunawan and Dewi Santosaningsih
8	Paper ID: P-018 Title: Methicillin resistant- <i>Staphylococcus</i> <i>haemolyticus</i> in fournier's gangrene: A case report of a rapid detection of pathogen using matrix- assisted laser desorption/ionization (MALDI) in an emergency case	Paper ID : P-077 Title : An Overview of Candida spp Profile and Antimicrobial Susceptibility Test Profile of a Catheter-Associated Urinary Tract Infection (CAUTI) Patient at the Intensive Care Unit of Saiful Anwar Hospital in Malang, Indonesia
	Author(s): Cheria Cahyaningtyas, Andi M. Ilhamjaya, Andi R. Sultan, et al.	Author (s) : Parubak, R and ,Retnoningsih,D
9	Paper ID: P-022 Titile: A case report of double lumen catheter infection by methicillin-sensitive <i>Staphylococcus</i> <i>aureus</i> : True pathogen or colonisation? Author(s): Lalu Y. Hidayat, Ahmad R. Ramadhan,	Paper ID : P-080 Title : Sensitivity and specificity of a COVID-19 screening tool using symptoms parameters employed at Sultan Agung Islamic Teaching Hospital Semarang
	Valentine Hursepuny, et al.	Author (s) : Masfiyah Masfiyah , Rahayu Rahayu , Indri Hapsari Putri, et al
10	Paper ID: P-026 Title: Analysis of qualitative antibiotic use in confirmed-case COVID-19 inpatients at Dr. Zainoel Abidin General Hospital during the early days of pandemic	
	Author(s): Asyriva Yossadania, Zinatul Hayati, Irwan Saputra, et al.	Author (s) : Juniastuti , Abdul Hadi Furqoni, Mochamad Amin, et al
11	Paper ID: P-027 Title: Case report: Spontaneous bacterial empyema due to an extended spectrum beta lactamase producing <i>Escherichia coli</i> in diabetic patients.	Paper ID: P-082 Title : Results of bacteria identification using MALDI TOF and PHOENIX/VITEK
	Author(s): Nurlianti A., Nadya H., Rizalinda Sjahril, et al.	Author (s) Mega Pandu Arfiyanti, Iva Puspitasari , and Purnomo Hadi:
12	Paper ID: P-028 Title: <i>Staphylococcus warnerii</i> : Commensal bacteria cause endophthalmitis	Paper ID: P-083 Title : Case report: Antagonistic interactions between Streptococcus agalactiae and Pseudomonas aeruginosa
	Author(s): Rusman Kadri, Rizalinda Sjahril, Hamid Firdaus, et al.	Author (s) : Yenni Andriana, and Siti Rochmanah Oktaviani Sulikah

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	Author(s): Agjurina Datulimbong, Risna H. Mubin, Yoeke D. Rasita, et al.	Author(s) : Erike A. Suwarsono , Chris Adhiyanto , Laifa Hendarmin , et al
19	Paper ID: P-037 Title: Identification of <i>Mycobacterium tuberculosis</i> complex isolated from sputum of pulmonary TB patients	Paper ID: P-101 Title : Whole genome sequencing of reinfection of COVID0-19: one insight from health care worker reinfection case.
	Author(s): Muammar R., Ahmad R. Ramadhan, Mochammad Hatta, et al.	Author(s) : Andi S. Panducitra,, Andi M. Ilhamjaya, Yunialthy D. Pertiwi, et al
18	Paper ID: P-036 Title: Appendicitis with double infection of acid fast-bacilli and extended-spectrum beta- lactamase producing <i>Eschericia coli</i>	Paper ID: P-100 Title: Community Acquired Pneumonia caused by Carbapenem resistant Acinetobacter baumannii : A case report
	Author(s): Arifatun Nasicha, Ni Made Mertaniasih, Eko Budi Koendhori	Author(s) : Yustiana Arie Suwanto, Desvita Sari, Ryan Halleyantoro
17	Paper ID: P-035 Title: Mycobacterium tuberculosis positivity and rifampicin sensitivity of sputum examination using xpert MTB/RIF ultra	Paper ID: P-095 Title : Detection of opportunistic infections in patients with HIV-AIDS at Dr. Kariadi Hospital
	Author(s): Andina Savitri Nurdayanti, Siwipeni Irmawanti Rahayu	Author(s) : Andrian Novatmiko , Mujahidah and Rebriarina Hapsari
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	sectional study Author(s): Aiman Idrus Alatas, Delly Chipta Lestari	Author(s) : Theophany Margareta Kurniawan, Meilisva Audila Anggraini, Muhammad Rizkinov Jumsa, et al
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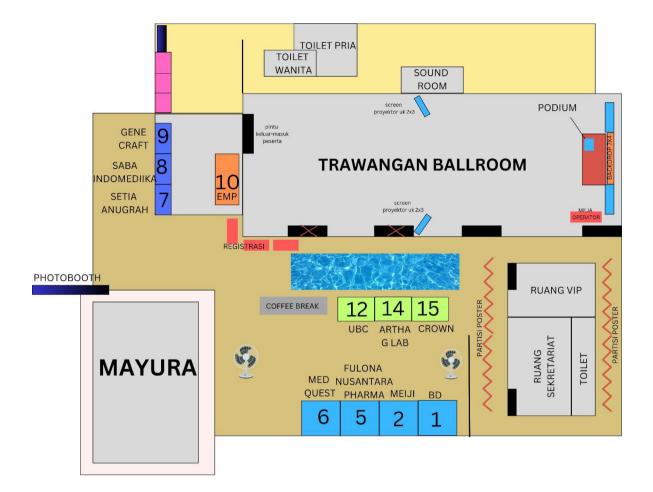
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	Author(s): Fahri Trisnaryan Pratama, Hendro Wahjono, Iva Puspitasari	Author(s) : Farah Fauziah Rachmawatie, Domas Fitria Widyasari, Titik Nuryastuti, et al
28	Paper ID: P-047Title: Detection of Chlamydia trachomatis, Mycoplasma pneumonia, Legionella pneumophila and Ureaplasma urealyticum using polymerase chain reaction (PCR) of neonatal sepsis patients in RSUP Dr. Wahidin Sudirohusodo Hospital MakassarAuthor(s): Fadhilah, Rizalinda Sjahril, Dwi Bahagia, et al.	Paper ID: P-124 Title : Acetic acid tampon in otomycosis after canal wall down mastoidectomy Author(s) : Bombong Nurpagino, Dyah Ayu Kartika Dewanti , Tri Wibawa
29	Paper ID: P-048 Title: The antimicrobial activity of bacteriocin producing <i>Lactobacillus</i> sp from growol isolate Author(s): Lilis Suryani, Inayati	Paper ID: P-133 Title : Mupirocin Sensitivity and The Ability to Form Biofilm in Methicillin Resistant Staphylococcus aures Isolates at Dr. Moewardi General Hospital Surakarta Author(s) : Dessy Kurnia Sari , Betty Suryawati, Leli Saptawati , Abu Tholib Aman, et al
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