

BSTRACT BOOK

2nd ICITD 2023

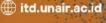
The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

> "Global Threats and Responses to Emerging and Re-**Emerging Infectious Disease**"

> > November 18-19, 2023

ASEEC Tower Universitas Airlangga





The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

Welcome Message

I Greeting from the Intitute of Tropical Disease UNAIR Chairman



Dear Colleagues,

We are delighted to invite you to the "2nd International Conference" on Infectious and Tropical Diseases (ICITD) 2023" that will be on November 18-19, 2023. The RC GERID in collaboration with the Institute of Tropical Disease (ITD), Universitas Airlangga proudly presents this conference to answer the current challenges and research outcomes in the relevant fields.

The theme of the 2nd ICITD is Global Threats and Responses to Emerging and Re-emerging Infectious Diseases. This conference will bring up shared knowledge and insight to help scientists, medical experts, health workers, scholars, and authorities contribute to the wellness of public health.

We invite excellent speakers who will deep dive to the current research and knowledge. We also welcome oral and poster presentations for all of you to discuss and exchange ideas and feedback from fellow scientists. Win reputable publication opportunities in SCOPUS or SINTA indexed journals for selected papers only. On behalf of the Organizing Committee, we look forward to welcoming you to ICITD 2023.

Best regards,

Prof. Dr. Maria Inge Lusida, dr., M.Kes., Ph.D, Sp.MK(K)

Head of Institute of Tropical Disease, Universitas Airlangga

The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

Welcome Message

I Greeting from the RC-GERID Chairman



Dear Colleagues,

Dear colleagues, It is my great pleasure to warmly invite you to an 2nd International Conference on Infectious and Tropical Diseases (ICITD) hosted by Research Center on Global Emerging and Re-emerging Infectious Diseases, Institute of Tropical Disease at Universitas Airlangga. The conference will be held on 18-19 November, 2023 at ASEEC Tower Universitas Airlangga.

The conference theme is Global Threats and Responses to Emerging and Re-emerging Infectious Diseases. The term "emerging infectious diseases" refers to diseases of infectious origin whose incidence in humans has either increased within the past two decades or threatens to increase in the near future. To effectively address emerging infectious diseases, we need to develop a strategic plan emphasizing surveillance, research, and prevention activities necessary to maintain a strong defense against infectious diseases that affect, or threaten to affect, the public's health. Many factors or combinations of factors can contribute to disease emergence. Newly emergent infectious diseases may result from changes in or evolution of existing organisms; known diseases may spread to new geographic areas or human populations; or previously unrecognized infections may appear in persons living or working in areas undergoing ecologic changes (e.g., deforestation or reforestation) that increase human exposure to insects, animals, or environmental sources that may harbor new or unusual infectious agents. Infectious diseases may reemerge because of either the develop- ment of antimicrobial resistance in existing agents (e.g., gonorrhea, malaria, pneumococci) or breakdowns in public health measures for previously controlled infections (e.g., cholera, tuberculosis, and pertussis). The conference will bring together academics, researchers, practitioners and research students from around the world to discuss the about this isues and disseminate their research.

I am confident that you will enjoy a stimulating conference here in the city and that your presence and participation will help contribute to this vibrancy and enrich discussions around the theme, developing professional knowledge exchange, insights and collaborations. We invite you, therefore, to submit proposals for paper presentations, symposium, practical workshops, poster displays, and join us at this international conference to explore various results to tackle and reduce of Global Threats to Emerging and Re-emerging Infectious Diseases.

The Conference Organizing Committee and I look forward to welcoming you to this exciting event and to meeting all of you in person in November 2023 in Indonesia.

Best regards,

Laura Navika Yamani, Ph.D

Head of Research Center on Global Emerging and Re-emerging Infectious Diseases, Institute of Tropical Disease, Universitas Airlangga



The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

ORGANIZING COMMITTEE

Duef Du Morie Inge Lucide du M.V.es Dh.D.			
Head of Steering Committee	Prof. Dr. Maria Inge Lusida, dr, M.Kes, Ph.D		
	Prof. Dr. Fedik Abdul Rantam, drh		
	2. Prof. Dr Kuntaman, dr., MS., SpMK(K)		
Member	3. Prof Ni Made Mertaniasih, dr., MS., SpMK(K)		
	4. Dr. Eko Budi Koendhori, dr., M. Kes., SpMK		
Chairman of Organizing Committee	Laura Navika Yamani, S.Si., M.Si., Ph.D		
	1. Dr. Juniastuti, dr., M. Kes (PIC)		
Secretary	2. dr. Ratna Kusumawati, M. Ked. Klinik, Sp.MK		
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Treasurer	3. Zayyin Dinana, drh., M.Si		
	4. Ragil Octaviany, S.E		
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	3. Siti Rohmana Octaviany, dr., SpMK		
	4. Arifatun Nasica, dr		
	5. Fikri Widyatama, dr., Ph.D		
Event Committee	6. Ika Nindya K, dr., M.Sc		
	7. Rafika Widurina, dr		
	8. Dr. Irine Nomalina, S.Pi., M.Kes		
	9. Ilham Harlan Amarullah, BASc		
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	11. Aldise Mareta Nastri, M.Si		



The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

ORGANIZING COMMITTEE

	1. Tutik Sri Wahyuni, Ph. D (PIC)
	2. Dr. Agung Dwi Wahyu W, dr., M.Si., M.Ked.Klin.,
	SpMK
	3. Lidya Tumewu, S.Farm., Apt., M.Farm
	4. Alicia Margaretta Widya, dr., MKed.Klin., SpMK
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	7. Fikri Sasongko Widyatama, dr., Ph.D
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	11. Hilkatul Ilmi, S.Si., M.Si
	12. Moh. Amin, S.Si., M.Si
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	14. Dinar Adriaty, S.Si., M.Kes
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	16. Helen S, M.Si
	17. Etik A R, M.Ked.Trop
	18. Dalla Doohan, dr., Ph.D
	19. Langgeng Agung Waskito, dr., Ph.D
	1. Anisa Lailatul Fitria, S.Gz., M.Sc (PIC)
	2. Fitriah, M.Si.
	3. Indah Nuraini Masjkur, M.Si.
	4. Gilbrania Salsabila Afwarose, S.Si.
	5. Heni Puspitasari, M.Si
Consumption Committee	6. Aldise Mareta Nastri, M.Si
_	7. Agnes Dwi Sis Perwitasari, S.Si
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	9. Nungki Putri Prabowo
	10. Wahyu Setyarini W, S.Si
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	2. Irfan Arif Ihwani, dr
	3. Dafid Kristianto, dr
	4. Iswahyudi, M. Kes.
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Committee	6. Musyadi
	7. Novi Irfandi
	8. Pandu Cahyono
	9. Aisah Nur Ana, S.KM
7 9 7 8 7 7 9 7	10. Firdausi Kurnia M



The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

PROGRAM SCHEDULE

Day 1: November 18, 2023

Time (WIB)	Event		
07.30-08.10	Registration and Coffee Break		
08.10-09.00	Opening		
	Singing National Anthem "Indonesia Raya"		
	Singing Hymn of Universitas Airlangga		
	Performance: Traditional Welcome Dance		
	Welcoming speech		
	Prof. dr. Maria Inge Lusida, M.Kes., Ph.D., Sp.MK(K)		
	(Head of ITD Universitas Airlangga)		
	Welcoming speech		
	dr. Anis Karuniawati, Sp.MK(K), Ph.D		
	(Head of PAMKI, Indonesia)		
	Opening speech		
	Prof. Dr. Bambang Sektiari Lukiswanto, DEA, DVM		
	(Vice Rector Universitas Airlangga)		
	Photo Session		
	GENERAL SESSION – DAY ONE		
Venue: Majap			
Keynote Speed	ch		
09.00-09.05	PIC Keynote speakers: MC (Ms. Vero, AGE)		
09.05-09.30	Keynote Speaker I:		
	Dr. Tamara Curtin Niemi		
	WHO Representative of Indonesia		
09.30-09.55	Keynote Speaker II:		
	Ir. Budi Gunadi Sadikin, CHFC, CLU		
	Minister of Health of the Republic of Indonesia		
09.55-10.20	Keynote Speaker III:		
	Dr. Peter Bogner		
	President of GISAID, USA		
10.20-10.25	Photo Session		



The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

Plenary Lectu	Plenary Lecture – Day One		
10.25-10.30	Moderator Session 1: Prof. Soetjipto, dr., M.S., Ph.D		
10.30-10.50	Prof. Dr. Eddy Bagus Wasito, dr., MS., Sp.MK(K)		
	(Ethic and Patient Safety)		
10.50-11.10	Invited Speaker I:		
	Prof. Stephen Todryk		
	Northumbria, United Kingdom		
	(Immunology)		
11.10-11.30	Invited Speaker II:		
	Prof. Maria Inge Lusida, dr., Ph.D., Sp.MK(K)		
	Universitas Airlangga, Indonesia		
	(Rotavirus)		
11.30-11.55	Discussion		
11.55-12.00	Certificate Session		
12.00-13.00	Break Time (ISOMA)		



The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

PARALLEL SYMPOSIUM AND ORAL/POSTER PRESENTATION		
SYMPOSIUM SESSION 1-TOPIC: Global AMR and Viral Diseases		
Invited Speak	ers	
	CME Symposium CME SYMPOSIUM - 1 Topics: Global AMR Venue: Majapahit, 5 th floor	ICITD Symposium ICITD SYMPOSIUM - 1 Topics: Viral diseases Venue: Rote, 4 th floor
	Moderator : Dr. Agung Dwi Wahyu Widodo, dr., M.Si., M.Ked.Klin., Sp.MK(K)	Moderator: Dwi Wahyu Indriati, Ph.D
13.00-13.15	Speaker 1: Prof. Dr. Ni Made Mertaniasih dr., MS, Sp.MK (K) (AMR in Tuberculosis)	Speaker 1: Prof. Kazufumi Shimizu ("A self-limited ending of a SARS-CoV-2 epidemic with a remarkable decrease in the viral loads along with accumulations of mutations in the genome")
13.15-13.30	Speaker 2: Dr. Eko Budi K. dr. M.Kes., Sp.MK(K) (AMR Gram Positive)	Speaker 2: Laura Navika Y, Ph.D (Molecular dynamics changes of rotavirus genotypes and its recombination with animal strains among pediatric patients in Indonesia during 2015-2023)
13.30-13.45	Speaker 3: Dr. Muhammad Vitanata Arfijanto, dr., Sp.PD(K)., K-PTI., FINASIM (AMR Gram Negative)	Speaker 3: Siti Qamariah Khairunisa, M.Si. (The Evolutionary Characteristic and Spatial-Temporal Transmission of HIV-1 CRF01_AE in Indonesia using Nearly Fullgenome Sequence)
13.45-13.55	Discussion	Discussion
13.55-14.00	Photo Session	Photo Session
14.00-14.30	Coffee Break	



The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

SYMPOSIUM SESSION 2-TOPIC: Global HAIs		ORAL/POSTER PRESENTATION	
Invited Speak	ers	Oral/Poster Presenters	
	CME Symposium CME SYMPOSIUM - 2 Topics: Global HAIs	Start :14.30 Oral/poster presentation	
	Venue: Majapahit, 5 th floor Moderator : Prof. Dr. Eddy Bagus Wasito, dr., MS., Sp.MK(K)	Oral presentation: - Room I : Rote, 4 th floor - Room II : Dayak, 4 th floor	
14.30-14.45	Speaker 1: Prijo Budi Purwono, dr., M.Si., PhD., Sp.MK (SARS COV-2 as HAIs patogen)	- Room III : Asmat, 4 th floor Moderator oral presenters:	
14.45-15.00	Speaker 2: Dr. Manik Retno Wahyunitisari, dr., M.Kes (Tuberculosis as HAIs)	 Zayyin Dinana, M.Si Siti Churrotin, S.Si Langgeng, dr., PhD 	
15.00-15.15	Speaker 3: Pepy Dwi Endraswari, dr., M.Si., M.Ked.Klin., Sp.MK(K) (Fungal Infection as HAIs)	Poster presentation : Sriwijaya, 5 th floor	
15.15-15.25	Discussion	<u> </u>	
15.25-15.30	Photo Session	Judge poster presenter: Lidya Tumewu, S.Farm., Apt., M.Farm	
15.30	Finish for Day 1		
Networking D	inner		
19.00-21.00	Networking dinner (Rector, Vice Rectors, Keynote and Plenary Speakers and Moderators, CME and ICITD Symposium Speakers and Moderators, Invited Guests)		

The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

PROGRAM SCHEDULE

Day 2: November 19, 2023

Time	Event		
(WIB)			
08.00-08.40	Registration		
	GENERAL SESSION – DAY TWO		
Venue: Maja	Venue: Majapahit, 5 th floor		
Plenary Lect	ture – Session One – Day Two		
08.40-08.45	Moderator: Dominicus Husada, dr., DTMH., MCTM(TP)., Sp.A(K)		
08.45-09.05	Invited Speaker I:		
	Prof. Ikuo Shoji, MD., Ph.D		
	Kobe University, Japan		
	(Norovirus and Sapovirus)		
09.05-09.25	Invited Speaker II:		
	Prof. Dr. Fedik Abdul Rantam, DVM		
	Universitas Airlangga, Indonesia		
	(Challenging of Vaccine TBC Development on Human and Animal)		
09.25-09.45			
	Febi Dwirahmadi, Ph.D		
	Australia		
	(Pandemic Preparedness)		
09.45-10.00	Discussion		
10.00-10.05	Certificate Session		
10.05-10.25	Coffee Break		



The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

Venue: Majapahit, 5 th floor			
Plenary Lecture - Session Two - Day Two			
10.25-10.30	Moderator: Prof. Dr. Eddy Bagus Wasito, dr., MS., SpMK (K)		
10.30-10.50	Invited Speaker IV:		
	Prof. Toshiro Shirakawa, MD., Ph.D		
	Kobe University, Japan		
	(Dynamics and consequences of antimicrobial resistance/HAIs and		
	nosocomial infection)		
10.50-11.10	Invited Speaker V:		
	Prof. Sohkichi Matsumoto, MD., Ph.D		
	Niigata University, Japan		
	(Tuberculosis)		
11.10-11.30	Invited Speaker VI:		
	dr. Anis Karuniawati, Sp.MK(K), Ph.D		
	Universitas Indonesia/PAMKI, Indonesia		
	(AMR)		
11.30-11.55	Discussion		
11.55-12.00	Certificate Session		
12.00-13.00	Break Time (ISOMA)		



The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

CME Symposium CME Symposium CME SymPoSIUM - 3 Topics: AMR Management Venue: Majapahit, 5th floor Moderator: Dr. Agung Dwi Wahyu Widodo, dr., M.Si., M.Ked.Klin., Sp.MK(K) Speaker 1: Dr. dr. Bambang Pujo Semedi, SpAn. KIC., KAP (AMR In The ICU) The Prospect of Drugs Development from Natural sources for Anti-hepatitis C Virus Agent) Speaker 2: Dominicus Husada, dr., DTMH., MCTM(TP)., Sp.A(K) (AMR in pediatric) Speaker 3: Ariandi Setiawan, dr., Sp.B, Sp.BA, Subsp.DA(K) (AMR in the Surgery) Speaker 4: Dr. Strain Natural Sources for Anti-hepatitis C Virus Agent) Speaker 3: Ariandi Setiawan, dr., Sp.B, Sp.BA, Subsp.DA(K) (AMR in the Surgery) Speaker 4: Dr. Sukmawati Basuki (Malaria) Speaker 3: Dr. Sukmawati Basuki (Malaria) Speaker 4: Dr. Irine Normalina, S.Pi., M.Ked (Fecal Microbiota Transplantation/FMT) Tisosussion Discussion Disc	PARALLEL SYMPOSIUM AND ORAL/POSTER PRESENTATION				
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CME SYMPOSIUM - 3 Topics: AMR Management Venue: Majapahit, 5th floor Moderator: Dr. Agung Dwi Wahyu Widodo, dr., M.Si., M.Ked.Klin., Sp.MK(K) 13.00-13.15 Speaker 1: Dr. dr. Bambang Pujo Semedi, SpAn. KIC., KAP (AMR In The ICU) Speaker 2: Dominicus Husada, dr., DTMH., MCTM(TP)., Sp.A(K) (AMR in pediatric) 13.30-13.45 Speaker 3: Ariandi Setiawan, dr., Sp.B, Sp.BA, Subsp.DA(K) (AMR in the Surgery) 13.45-13.55 Discussion CME SYMPOSIUM - 2 Topics: Bacterial/Parasite diseases Venue: Rote, 4th floor Moderator: Dr. Juniastuti, dr., M.Kes Speaker 1: Tutik Sri Wahyuni, S.Si., Apt., M.Si., Ph.D. (The Prospect of Drugs Development from Natural sources for Anti-hepatitis C Virus Agent) Speaker 2: Ilham Harlan A, BASc (Dengue and COVID-19) Speaker 3: Dr. Sukmawati Basuki (Malaria) Speaker 4: Dr. Irine Normalina, S.Pi., M.Ked (Fecal Microbiota Transplantation/ FMT) 13.55-14.00 Photo Session Photo Session Photo Session Photo Session	Invited Speak				
Topics: AMR Management Venue: Majapahit, 5 th floor Moderator: Dr. Agung Dwi Wahyu Widodo, dr., M.Si., M.Ked.Klin., Sp.MK(K) 13.00-13.15 Speaker 1: Dr. dr. Bambang Pujo Semedi, SpAn. KIC., KAP (AMR In The ICU) Speaker 2: Dominicus Husada, dr., DTMH., MCTM(TP)., Sp.A(K) (AMR in pediatric) Speaker 3: Ariandi Setiawan, dr., Sp.B, Sp.BA, Subsp.DA(K) (AMR in the Surgery) 13.45-13.55 Discussion Topics: Bacterial/Parasite diseases Venue: Rote, 4 th floor Moderator: Dr. Juniastuti, dr., M.Kes Speaker 1: Tutik Sri Wahyuni, S.Si., Apt., M.Si., Ph.D. (The Prospect of Drugs Development from Natural sources for Anti-hepatitis C Virus Agent) Speaker 2: Ilham Harlan A, BASc (Dengue and COVID-19) Speaker 3: Dr. Sukmawati Basuki (Malaria) Speaker 4: Dr. Irine Normalina, S.Pi., M.Ked (Fecal Microbiota Transplantation/ FMT) 13.55-14.00 Photo Session Photo Session 14.00-14.10 End Photo Session		CME Symposium	ICITD Symposium		
Venue: Majapahit, 5 th floor Moderator: Dr. Agung Dwi Wahyu Widodo, dr., M.Si., M.Ked.Klin., Sp.MK(K) 13.00-13.15 Speaker 1: Dr. dr. Bambang Pujo Semedi, SpAn. KIC., KAP (AMR In The ICU) Speaker 2: Dominicus Husada, dr., DTMH., MCTM(TP)., Sp.A(K) (AMR in pediatric) Speaker 3: Ariandi Setiawan, dr., Sp.B, Sp.BA, Subsp.DA(K) (AMR in the Surgery) 13.45-13.55 Discussion Venue: Rote, 4 th floor Moderator: Dr. Juniastuti, dr., M.Kes Speaker 1: Tutik Sri Wahyuni, S.Si., Apt., M.Si., Ph.D. (The Prospect of Drugs Development from Natural sources for Anti-hepatitis C Virus Agent) Speaker 2: Ilham Harlan A, BASc (Dengue and COVID-19) Speaker 3: Dr. Sukmawati Basuki (Malaria) Speaker 3: Dr. Sukmawati Basuki (Malaria) Speaker 4: Dr. Irine Normalina, S.Pi., M.Ked (Fecal Microbiota Transplantation/ FMT) 13.55-14.00 Photo Session Photo Session		CME SYMPOSIUM - 3	ICITD SYMPOSIUM - 2		
Moderator: Dr. Agung Dwi Wahyu Widodo, dr., M.Si., M.Ked.Klin., Sp.MK(K) 13.00-13.15 Speaker 1: Dr. dr. Bambang Pujo Semedi, SpAn. KIC., KAP (AMR In The ICU) Speaker 2: Dominicus Husada, dr., DTMH., MCTM(TP)., Sp.A(K) (AMR in pediatric) 13.30-13.45 Speaker 3: Ariandi Setiawan, dr., Sp.B, Sp.BA, Subsp.DA(K) (AMR in the Surgery) 13.45-14.00 13.55-14.00 Photo Session Moderator: Dr. Juniastuti, dr., M.Kes Speaker 1: Tutik Sri Wahyuni, S.Si., Apt., M.Si., Ph.D. (The Prospect of Drugs Development from Natural sources for Anti-hepatitis C Virus Agent) Speaker 2: Ilham Harlan A, BASc (Dengue and COVID-19) Speaker 3: Dr. Sukmawati Basuki (Malaria) Speaker 4: Dr. Irine Normalina, S.Pi., M.Ked (Fecal Microbiota Transplantation/ FMT) Discussion 14.00-14.10 14.00 End Photo Session					
Widodo, dr., M.Si., M.Ked.Klin., Sp.MK(K) 13.00-13.15 Speaker 1: Dr. dr. Bambang Pujo Semedi, SpAn. KIC., KAP (AMR In The ICU) Speaker 2: Dominicus Husada, dr., DTMH., MCTM(TP)., Sp.A(K) (AMR in pediatric) 13.30-13.45 Speaker 3: Ariandi Setiawan, dr., Sp.B, Sp.BA, Subsp.DA(K) (AMR in the Surgery) 13.45-13.55 Discussion Speaker 4: Dr. Irine Normalina, S.Pi., M.Ked (Fecal Microbiota Transplantation/FMT) 13.55-14.00 Photo Session M.Kes Speaker 1: Tutik Sri Wahyuni, S.Si., Apt., M.Si., Ph.D. (The Prospect of Drugs Development from Natural sources for Anti-hepatitis C Virus Agent) Speaker 2: Ilham Harlan A, BASc (Dengue and COVID-19) Speaker 3: Dr. Sukmawati Basuki (Malaria) Speaker 4: Dr. Irine Normalina, S.Pi., M.Ked (Fecal Microbiota Transplantation/FMT) Discussion 14.00-14.10 Photo Session			Venue: Rote, 4 th floor		
Sp.MK(K) Speaker 1:		Moderator : Dr. Agung Dwi Wahyu	Moderator : Dr. Juniastuti, dr.,		
Speaker 1:		Widodo, dr., M.Si., M.Ked.Klin.,	M.Kes		
Dr. dr. Bambang Pujo Semedi, SpAn. KIC., KAP (AMR In The ICU) Speaker 2: Dominicus Husada, dr., DTMH., MCTM(TP)., Sp.A(K) (AMR in pediatric) Speaker 3: Ariandi Setiawan, dr., Sp.B, Sp.BA, Subsp.DA(K) (AMR in the Surgery) 13.45-13.55 Discussion Speaker 4: Dr. Irine Normalina, S.Pi., M.Ked (Fecal Microbiota Transplantation/FMT) 13.55-14.00 Photo Session Dr. Utik Sri Wahyuni, S.Si., Apt., M.Si., Ph.D. (The Prospect of Drugs Development from Natural sources for Anti-hepatitis C Virus Agent) Speaker 2: Ilham Harlan A, BASc (Dengue and COVID-19) Speaker 3: Dr. Sukmawati Basuki (Malaria) Speaker 4: Dr. Irine Normalina, S.Pi., M.Ked (Fecal Microbiota Transplantation/FMT) Discussion 14.00-14.10 Photo Session Photo Session					
SpAn. KIC., KAP (AMR In The ICU) Speaker 2: Dominicus Husada, dr., DTMH., MCTM(TP)., Sp.A(K) (AMR in pediatric) Speaker 3: Ariandi Setiawan, dr., Sp.B, Sp.BA, Subsp.DA(K) (AMR in the Surgery) Speaker 4: Dr. Irine Normalina, S.Pi., M.Ked (Fecal Microbiota Transplantation/FMT) 13.55-14.00 Photo Session M.Si., Ph.D. (The Prospect of Drugs Development from Natural sources for Anti-hepatitis C Virus Agent) Speaker 2: Ilham Harlan A, BASc (Dengue and COVID-19) Speaker 3: Dr. Sukmawati Basuki (Malaria) Speaker 4: Dr. Irine Normalina, S.Pi., M.Ked (Fecal Microbiota Transplantation/FMT) Discussion 14.00-14.10 14.00 End Photo Session	13.00-13.15		<u> </u>		
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CLAUD-LA 3U LL OUEP KEPYK	14.00-14.30	Coffee Break			



The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

SYMPOSI	UM SESSION 4-TOPIC: HAIs	ORAL/POSTER	
Management		PRESENTATION	
Invited Sp	eakers	Oral/Poster Presenters	
	CME Symposium	Start :14.30	
	CME SYMPOSIUM - 4		
	Topics: HAIs Management	Oral/poster presentation	
	Venue: Majapahit, 5 th floor	Oral presentation:	
	Moderator: Dr. Rebekah J Setiabudi, dr.,	- Room I : Rote, 4 th floor	
	M.Si	- Room II : Dayak, 4 th	
14.30-	Speaker 1: Dr. Agung Dwi Wahyu	floor	
14.45	Widodo, dr., M.Si., M.Ked.Klin.,	- Room III : Asmat, 4 th	
	Sp.MK(K)	floor	
	(MDROs Management)		
14.45-	Speaker 2: dr. Raden Ludhang Pradipta	Moderator oral presenters:	
15.00	Rizki, M.Biotech., Sp.MK(K)	1. Anisa Lailatul Fitriah,	
	(Environmental Management of MDROs)	S.Gz., M.Sc.	
15.00-	Speaker 3: Alicia Margaretta Widya, dr.,	2. Dr. Niluh Ayu M.S	
15.15	M.Ked.Klin., Sp.MK(K)	3. Lidya Tumewu,	
	(Eradication of MDRO)	S.Farm., Apt.,	
		M.Farm	
15.15-	Discussion	Discussion	
15.25			
15.25-	Photo Session	Photo Session	
15.30			
15.30-	Venue: Majapahit, 5 th floor		
16.00			
	Best Poster and Oral Presentation Announcement		
	Closing Ceremony		



The 2nd International Conference on Infectious and Tropical Diseases (ICITD) in Conjunction with Clinical Microbiology Continuing Medical Education (CM-CME)

DAY-1. Saturday, 18th November 2023

14.30 – 16.00 (Western Indonesia Time, GMT+7)

Join Zoom Meeting

https://zoom.us/j/99814671384?pwd=ajZVQUsyeU5jeTZKWWtUZFpCS1EzZz09

Meeting ID: 998 1467 1384

Passcode: 846212

ORAL PRESENTATION

DAY 1. ROOM DAYAK, 4th Floor (ROOM 2)

Moderator: Siti Churrotin, SSi Scope: Infectious Disease

	Abstract ID	Name	Title
Offline	OP01	Ni Luh Putu Harta Wedari	Clostridium difficile Infection in An Elderly Male: A Case Report
	OP03	Fauna Herawati	Lesson learned from COVID-19 critically ill patients
	OP07	Ratih Rahayu	Analysis of Combination of Ethanol Extract of <i>Piper betle</i> L. Leaves with Anti-HCV Drugs
	OP21	Mochammad Aqilah Herdiansyah	The Potential of Clove Essential Oil As a Mosquito Vaporizer Mat Applied For Mosquito Borne Diseases
Online	OP05	Wawan Ridwan	Prediction Models of Dengue Hemorrhagic Fever Incidence Based on Climate Factor in Tasikmalaya District
	OP08	Fuad Minan Zuhri	Visualization of the macrophage's dynamic in TB-HIV co-infection using the molecular imaging techniques: a narrative review
	OP09	Nani Zaitun	Antibiotic Resistance of gram-positive and Comorbid medical conditions in Sepsis Patients at Tertiary Care Hospital, Surabaya, East Java, Indonesia.
	OP15	Yimam Getaneh Misganie	Burden of HIV, HBV and syphilis among children in urban Ethiopia: Community-based cross-sectional study



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OP 03

Lesson Learned from COVID-19 Critically Ill Patients

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Abstract

Background: Pandemics such as Spanish flu, SARS, and COVID-19 have occurred and are likely to happen in the future. This study evaluates critically ill patient characteristics and their medications.

Methods: The study collected medical records of severe to critically ill COVID patients in the ICU from five hospitals. Data gathered included gender, age, severity, length of stay, and comorbidities. Data on drug use was collected, including type, dose, frequency, and duration were analyzed descriptively. The study investigated the effectiveness of antibiotics and antivirals using a mixed-logit regression model at a significance level of 5%.

Results: Among 244 COVID-19 patients, 181 were over 45 years old, and 124 were critically ill. Antibiotics, antivirals, and steroids were the most drugs used for COVID-19 treatment. Some commonly used drugs include levofloxacin, moxifloxacin, azithromycin, remdesivir, mefenamic acid, ceftazidime, dexamethasone, and favipiravir. Meropenem, a broad-spectrum antibiotic, was also used as a treatment for COVID-19 patients (0.7-41.2 DDD per 100 bed days). Dexamethasone increases the likelihood of patient recovery with an odds ratio of 3.95 [1.81-8.68].

Conclusions: Antibiotic overuse contributes to resistance despite limited evidence. Remdesivir is preferred over Favipiravir for severe COVID-19. Studies show mixed results for antiviral benefits in patient outcomes. It is necessary to conduct further research on an appropriate therapy, develop neither new drug nor repurposing drug, for the flu virus.

Keywords: COVID, Drug Use Study, hospital

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