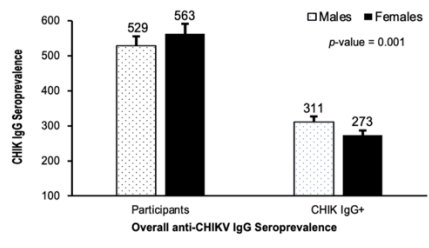


ATTACHMENTS

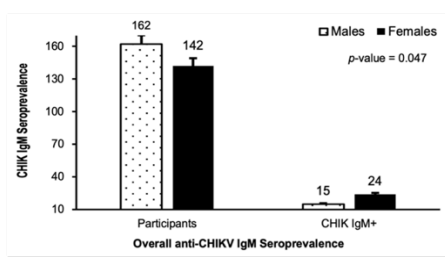
Attachment 1 Overall anti-CHIKV IgG Seroprevalence

Gender	Participants	CHIK IgG ⁺	Chi-Square
Males	529	311	X ² = 11.63 df = 1
Females	563	273	
Grand Total	1092	584	p-value = 0.001



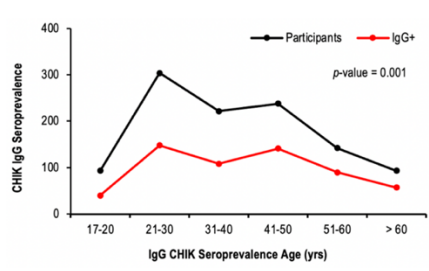
Attachment 2 Overall anti-CHIKV IgM Seroprevalence

Gender	Participants	CHIK IgG ⁺	Chi-Square
Males	162	15	X ² = 3.95 df = 1
Females	142	24	
Grand Total	304	39	p-value = 0.047



Attachment 3 Overall anti-CHIKV IgG Seroprevalence by Age (yrs.)

Age	Participants	CHIK IgG ⁺	Chi-Square
17-20	93	40	X ² = 20.0 df = 5
21-30	304	148	
31-40	222	108	
41-50	238	141	
51-60	142	90	
>60	93	57	
Grand-Total	1092	584	p-value = 0.003



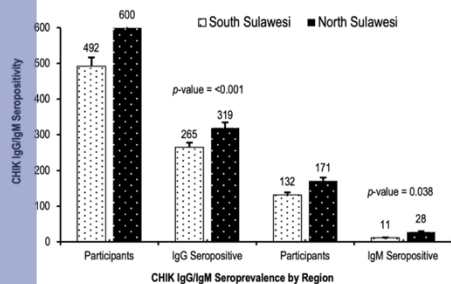
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1. Dilarang mengutip sebagian atau seluruh karya tulis ini tanpa mencantumkan dan menyebutkan sumber :
a. Pengutipan hanya untuk kepentingan pendidikan, penelitian, penulisan karya ilmiah, penyusunan laporan, penulisan kritik atau tinjauan suatu masalah
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Attachment 4 Overall anti-CHIKV IgM Seroprevalence by Age (yrs.)

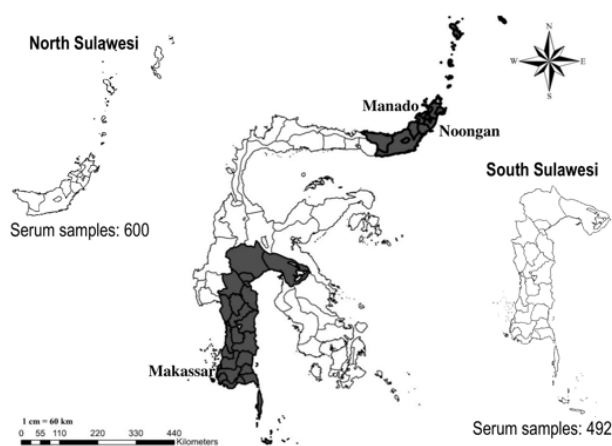
Age	Participants	CHIK IgG ⁺	Chi-Square
17-20	16	3	
21-30	83	16	
31-40	67	7	
41-50	71	6	
51-60	40	6	$X^2 = 7.17$
>60	26	1	$df = 5$
Grand-Total	304	39	$p\text{-value} = 0.208$

Attachment 5 Overall anti-CHIKV IgG/IgM Seroprevalence by region

Region	Participants	CHIK IgG ⁺	Chi-Square	Participants	CHIK IgM ⁺	Chi-Square
South Sulawesi	492	265	$X^2 = -7.52$	132	11	$X^2 = 4.39$
North Sulawesi	600	319	$df = 1$	171	28	$df = 1$
Grand-Total	1092	584	$p = 0.001$	304	39	$p = 0.038$



Attachment 6 Geographical Map of North and South Sulawesi Province



AUTHOR BIOGRAPHY

The author was born in the city of Monrovia, Liberia on the 21st day of May 1995 as the 3rd child of Ahmed and Fatma. Undergraduate education taken at the study program Biological Sciences and Chemistry, Faculty of Natural Sciences University of Liberia, and graduated in 2018. In 2020, the author was accepted as a master's program student (S-2) in the study program Biochemistry at the University Graduate School and graduated in 2022.

The author worked as Part-Time lecturer of Biology and Chemistry at the University of Liberia, since the year 2018. During the master's program, the author is active as a President of Kemitraan Negara Berkembang Scholarship (KNB), IPB Chapter and a graduate student researcher at Eijkman Institut for Molecular Biology Research Center. Scientific work entitled *Seroprevalence of Chikungunya virus and The Risk of Transfusion Transmitted Among Blood Donors in Sulawesi-Indonesia* is pending publication in the American Journal of Tropical Medicine and Hygiene.

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