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Gut environment and socioeconomic status: a study of children in urban area of Makassar

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**Gut environment and socioeconomic status:
A study of children in urban area of Makassar**

Aldian Irma Amaruddin

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The research presented in this thesis was performed at the Department of Parasitology, Leiden University Medical Center, Leiden, The Netherlands; the Department of Parasitology, Faculty Medicine, Hasanuddin University, Indonesia; and Hasanuddin University Medical Research Center, Hasanuddin University, Indonesia.

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About the cover: The front cover illustrates two areas of study described in this thesis, the lower part represents the area with lower socioeconomic status and the upper parts represents the area with high socioeconomic status. The lower part illustrates some traditional houses with soil rich in worms and parasite eggs. The upper part illustrates the silhouettes of modern buildings and houses. Also, below the title, there is a small boat namely Katinting, a symbol of Makassar.

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of children in urban area of Makassar**

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To my beloved family

Table of Contents

Chapter 1	General Introduction	11
Chapter 2	BCG scar, socioeconomic and nutritional status: a study of newborns in urban area of Makassar, Indonesia (Tropical Medicine and International Health, 2019)	19
Chapter 3	Bee and wasp venom sensitization in schoolchildren of high and low socioeconomic status living in an urban area of Indonesia (International Archives of Allergy and Immunology, 2021)	37
Chapter 4	Gut microbiome in Indonesian schoolchildren living in urban area of Makassar, South Sulawesi (Microorganisms, 2020)	63
Chapter 5	Higher intestinal permeability and damage before and after albendazole treatment: a study in high and low socioeconomic status schoolchildren in Makassar, Indonesia (Scientific Reports, 2022)	81
Chapter 6	Summarizing Discussion	107
Appendix	Summary	123
	Samenvatting	125
	Curriculum Vitae	127
	List of publication	128
	Acknowledgements	129