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

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in 1985

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**To my beloved family**



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