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# **Parasitic Infections during Pregnancy in Gabon: Birth outcomes and immunological changes**

Ghyslain Mombo-Ngoma

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Cover image: sand banc on the Ogooué River in Lambaréné with the bridge of Aduma.

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# **Parasitic Infections during Pregnancy in Gabon: Birth outcomes and immunological changes**

**Proefschrift**

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ter verkrijging van  
de graad van Doctor aan de Universiteit Leiden,  
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volgens besluit van het College voor Promoties  
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door

Ghyslain Mombo-Ngoma  
geboren te Libreville, Gabon  
in 1977

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**« Les petites privations font des grandes satisfactions »**

*(Small privations are of great satisfactions)*

Heard from my father, « **Douyassine** » **Marcel Ngoma Moussavou**, 1947-2014



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