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Leiden
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The zoonotic potential of *Oesophagostomum bifurcum* in Ghana. Epidemiological, morphological and genetic studies

Gruijter, J.M. de

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LIST OF PUBLICATIONS

List of Publications

de Gruijter JM, Polderman AM, Zhu XQ, Gasser RB (2002). Screening for haplotypic variability within *Oesophagostomum bifurcum* (Nematoda) employing a single-strand conformation polymorphism approach. *Molecular and Cellular Probes*, 16(3):185-90.

de Gruijter JM, Ziem J, Verweij JJ, Polderman AM, Gasser RB (2004). Genetic substructuring within *Oesophagostomum bifurcum* (Nematoda) from human and non-human primates from Ghana based on Random Amplification of Polymorphic DNA analysis. *American Journal of Tropical Medicine and Hygiene*, 71(2):227-233.

de Gruijter JM, Gasser RB, Polderman AM, Asigri V, Dijkshoorn L. (2005). High resolution DNA fingerprinting by AFLP to study the genetic variation among *Oesophagostomum bifurcum* (Nematoda) from human and non-human primates from Ghana. *Parasitology*, 130(2):229-237.

de Gruijter JM, van Lieshout EA, Gasser RB, Verweij JJ, Brienens EAT, Ziem JB, Yelifari L, Polderman AM (2004). PCR-based differential diagnosis of *Ancylostoma duodenale* and *Necator americanus* infections in humans in northern Ghana. *Tropical Medicine & International Health*, in press.

de Gruijter JM, Blotkamp J, Gasser RB, Polderman AM. Morphological variability within *Oesophagostomum bifurcum* (Nematoda) among different primate species from West Africa. *Journal of Helminthology*, submitted.

Schindler AR, **de Gruijter JM**, Polderman AM, Gasser RB. Definition of genetic markers in nuclear ribosomal DNA for a neglected parasite of primates, *Ternidens deminutus* (Nematoda: Strongylida) – diagnostic and epidemiological implications. *Parasitology*, in press.

van Lieshout EA, **de Gruijter JM**, Verweij JJ, Polderman AM. Observations on *Oesophagostomum bifurcum* in non-human primates, a potential reservoir for human infection in Ghana. *Parasitology*, submitted.

In preparation:

de Gruijter JM, Dijkshoorn L., Polderman AM, Roberts H, Gasser RB. Population variation within *Necator americanus* (Nematoda) from Africa and South America as revealed by AFLP.

My Country (Dorothea Mackellar, Australia 1885-1968)

*The love of field and coppice,
Of green and shaded lanes,
Of ordered woods and gardens
Is running in your veins.
Strong love of grey-blue distance,
Brown streams and soft, dim skies -
I know, but cannot share it,
My love is otherwise.*

*I love a sunburnt country,
A land of sweeping plains,
Of ragged mountain ranges,
Of droughts and flooding rains,
I love her far horizons,
I love her jewel-sea,
Her beauty and her terror -
The wide brown land for me!*

*The stark white ring-barked forests,
All tragic to the moon,
The sapphire-misted mountains,
The hot gold hush of noon.
Green tangle of the brushes
Where the lithe lianas coil,
And orchids deck the tree-tops,
And ferns the warm dark soil.*

*Core of my heart, my country!
Her pitiless blue sky,
When, sick at heart, around us,
We see the cattle die -
But then the grey clouds gather,
And we can bless again
The drumming of an army,
The steady soaking rain.*

*Core of my heart, my country!
Land of the rainbow gold,
For flood and fire and famine
She pays us back threefold.
Over the thirsty paddocks,
Watch, after many days,
The filmy veil of greenness
That thickens as we gaze...*

*The opal-hearted country,
A wilful, lavish land -
All you who have not loved her,
You will not understand -
Though Earth holds many splendours,
Wherever I may die,
I know to what brown country
My homing thoughts will fly.*