

PAPERS PUBLISHED AND CONGRESS CONTRIBUTIONS

Articles published:

Maree, F.F. and Huismans, H. (1997). Characterisation of tubular structures composed of non-structural protein NS1 of African horsesickness virus expressed in insect cells. *Journal of General Virology* **78**, 1077-1082.

V. Van Staden, C.C. Smit, M.A Stoltz, F.F. Maree and H. Huismans (1998). Characterisation of two African horsesickness virus non-structural proteins, NS1 and NS3. *Archives of Virology* **14**, 251-258.

Maree, S., S. Durbach, F.F. Maree, Vreede, F and H. Huismans. 1998. Expression of the major core structural proteins VP3 and VP7 of African horse sickness virus, and production of core-like particles. *Archives of Virology* **14**, 203-209.

Articles submitted:

Maree, F.F., Riley, J., Meyer, Q. & Huismans, H. Effects of site directed insertion mutagenesis on the crystal formation, solubility and CLP formation of African horsesickness virus VP7. Submitted to *Journal of Virology*.

Maree, F.F., Maree, S., Huismans, H. & Van Dijk, A. The assembly of African horsesickness virus capsids facilitate structural studies and the development of recombinant vaccines. Submitted to *Virology*.

Conferences:

F.F. Maree and H. Huismans: Characterisation of the structure of African horsesickness virus-specific tubules synthesised in insect cells. South African Microbiology Society (S.A.M.S.) congress, Microbiology for Africa, June 1996.

Huismans, H. & Maree, F.F. African horsesickness virus-specific tubules produced in insect cells by means of a recombinant baculovirus. 10th International Congress of Virology. Jerusalem, Israel, 11-16 August 1996.

F.F. Maree, A. Hall, C. van der Merwe and H. Huismans Investigation of the structure of African horsesickness virus-specific tubules using electron microscopy. Electron microscopy society of South Africa (E.M.M.S.S.A.) congress, November 1996.

Huismans, H., Van Staden, V., Stoltz, M., Maree, F.F. & Smit, C.C. Characterization of two African horsesickness virus non-structural proteins, NS3 and NS1. International meeting

on African horsesickness, Rabat, Morocco, 2-4 April 1997.

Huismans, H., Maree, S., Durbach, S., Maree, F.F. and Vreede, F. Intracellular production of African horsesickness virus core-like particles by expression of the two major core-proteins VP3 and VP7. International meeting on African horsesickness, Rabat, Morocco, 2-4 April 1997.

F.F. Maree and H.Huismans: Assembly of core-like particles of African horsesickness virus by co-expression of the two major core proteins, VP3 and VP7, in insect cells. South African Genetics Society (S.A.G.S.) XVIth Genetics congress, July 1998.

Huismans, H. & Maree, F.F. African horsesickness virus VP7 crystals as presentation systems for antigens. South African Microbiology Society (S.A.M.S.) congress, August 1998.

Maree, F.F. & Huismans, H. The development of African horsesickness virus VP7 crystals as well as core-like and virus-like particles as delivery systems for antigenic determinants. 11th International Congress of Virology, Sydney, Australia, 9-13 August 1999.

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