



Prof Neitz het jare lank navorsing gedoen oor die identifisering en eienskappe van proteïene en peptides wat in die speekselkliere van bosluise aanwesig is. Die doel met dié navorsing is om chemiese stowwe te identifiseer wat moontlik betrokke is by immuniteitsresponse in draers, en wat moontlik aangewend kan word vir die ontwikkeling van vaksines teen voedende bosluise. Die navorsing het gelei tot aansienlike befondsing deur die Wellcome Trust onder die vleuels van die Animal Health in the Developing World Initiative, met vyf internasionale medewerkers. Grootskaalse kliniese inentingsproewe is met kalwers onderneem deur drie moontlik belowende vaksines te gebruik. Die uitslae moet nog deur verdere ondersoek bevestig word. Prof Neitz het 'n B3-gradering van die NNS.

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Prof Neitz has over many years conducted research into the identification and characterisation of proteins and peptides present in the salivary glands of ticks. The purpose of this research has been to identify proteins and peptides possibly involved in host immune responses and which could be likely candidates for the development of anti-tick feeding vaccines. This has resulted in the procurement of substantial Wellcome Trust funding under the Animal Health in the Developing World initiative with five international collaborators. Large-scale vaccination trials have been conducted with calves, using three likely vaccine candidates, the results of which need to be confirmed by further investigations. Prof Neitz received a B3-rating from the NRF.

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Prof Neitz o dirile dinyakišišo mengwageng e mentši ka ga taetšo le pharologantšho ya diproteini le diphepthaete tšeo di lego gona ka dithakeng tša mare a dipatšane. Lebaka la dinyakišišo tše e bile temogo ya tšeo go ka kgonagalago gore di ka ba di tšea karolo ka go karabelo ya go hlabelwa ga selongwakepatšane tšeo go nago le kgonagalo ya gore e be batšeakarolo go tlhabollo ya dihlabelo tšeo di sa fepego dipatšane. Se se tlile ka dipoelo ka go khwetšo ya thušo ya mašeleng a mantši a Wellcome Trust ka fase ga Kgatompsha ya tša Maphelo a Diphoofolo ka Mafaseng ao a Hlabologago le bašomimmogo ba bahlano ba boditšhabatšhaba. Diteko tša tlhabelo tše kgolo di dirilwe ka dinamane go šomišwa batšeakarolo ba dihlabelo, yeo dipoelo tša yona di nyakago go netefatšwa ke dinyakišišo go tšwela pele. O ngwadile mmogo diathikele tše ntšinyana ka diphatlatšong tša go sekasekwa ke ba mphato wa gagwe dithutong. Prof Neitz o amogetše maemo a B3 go tšwa go NRF.