



Prof Swan is Dekaan van die Fakulteit Veeartsenykunde. Hy beskou die ontwikkeling van verskeie innoverende farmaseutiese molekules, veral *ivermectin*, 'n endektosied vir gebruik in vee, as een van sy belangrikste bydraes tot navorsing. Van sy ander navorsingsbydraes is dat groter helderheid verkry is oor die invloed van farmakokinetika op die doeltreffendheid en veiligheid van die gebruik van salisielaniliede-middels om inwendige parasitiete in herkouers te beheer, en die bestudering van die toksisiteit van *diclofenac* in verskeie aasvoëlspesies.

In 2011 was prof Swan 'n finalis vir die NSTF-BHP Billiton-toekenning, in die kategorie individuele bydraes tot wetenskap, ingenieurswese en tegnologie. Hy het die Sasol-toekenning vir Aasvoëlbewaring in Suid Afrika vir 2005 ontvang vir sy navorsing oor *diclofenac*-toksisiteit in aasvoëls. In 2004 het hy die Boswell-toekenning van die Suid-Afrikaanse Veeartsenykundige Vereniging ontvang vir sy voortrekkende bydrae tot die veeartsenyberoep.

Prof Swan is die outeur of mede-outeur van 74 artikels in ISI-gegradeerde vaktydskrifte.

Hy is lid van die Suid-Afrikaanse Veeartsenykundige Vereniging, die Suid-Afrikaanse Farmakologiese Vereniging, die Europese Farmakologiese en Toksikologiese Vereniging en die Suid-Afrikaanse Wetenskapakademie. Hy is 'n genoot van die American College of Veterinary Pharmacology and Therapeutics.

Prof Swan was vir 22 jaar lid van die Medisynebeheerraad en het ook as voorsitter van die Veeartsenykundige Kliniese Komitee gedurende hierdie periode gedien. Hy is steeds 'n lid van etlike deskundige komitees van die Raad. Oor die laaste agt jaar dien hy as 'n deskundige lid van die Wêreldgesondheidsorganisasie en Voedsel- en Landbou-organisasie se gesamentlike deskundige komitee oor voedselbymiddels (JECFA) en is hy betrokke by JEFCA se ondersoek na veeartsenykundige farmaseutiese residu's. Hy is onlangs vir 'n verdere drie jaar heraanstelling tot die Raad van SanParke en was die afgelope jaar Voorsitter van die bewarings- en toerismekomitee van die Raad. Hy het 'n C2-gradering van die NNS.

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Prof Swan is the Dean of the Faculty of Veterinary Science. He regards the development of several innovative drug molecules, in particular *ivermectin*, an endectocide for use in stock, as one of his main research contributions. His other research contributions include gaining a better understanding of the influence of the pharmacokinetics on the efficacy and safety of the salicylanilide group of anthelmintics in ruminants, and investigating the toxicity of *diclofenac* in various species of vultures.

Prof Swan was a finalist for the NSTF-BHP Billiton award in the category of individual contributions to science, engineering and technology in 2011. He received the Sasol Vulture Conservationist Award in South Africa of 2005 for his research on *diclofenac* toxicity in vultures. In 2004 he received the Boswell Award of the South African Veterinary Association in recognition of eminent service to the veterinary profession.

Prof Swan is the author or co-author of 74 articles in ISI-rated scientific journals.

He is a member of the South African Veterinary Association, the South African Pharmacology Society, the European Pharmacological and Toxicological Society and the Academy of Science for South Africa. He is a Fellow of the American College of Veterinary Pharmacology and Therapeutics. Prof Swan had been a member of the Medicines Control Council (MCC) for 22 years and served as chairman of the Veterinary Clinical Committee of the MCC during this period. He still serves as a member of several of its expert committees. Over the past eight years he served as an expert member of the Joint Expert Committee of Food Additives (JECFA) of the World Health Organisation and the Food and Agriculture Organisation on drug residues. He was recently reappointed to the SanParks Board for a further three years and has chaired the Conservation and Tourism Committee for for the past year. He has a C2-rating from the NRF.

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Prof Swan ke Hlogo ya Lefapha la Thutamahlale a Kalafo ya Diphoofole. O bona tlhabollo ya dimolekhule tša diokobatsi tšeo di sa tšwago go hlolwa, kudukudu ivermectin, entetoksaete go ka šomišwa diphoofole, bjalo ka e nngwe ya dikarolo tšeo a di ralokago dinyakišišong tša gagwe tše di kgolo. Dikarolo tšeo a di ralokago dinyakišišong tše dingwe di akaretša kwešišo ya khuetšo ya difamakhokinetiki kgontšhong le polokegong ya sehlopha sa salisaelanilaete.

Prof Swan e be le mophenkgišane wa Billiton wa Foramo ya BHP ya Theknolotši le Thutamahlale ya Bosetšhaba ka legorong la batšeakarolo ba go tšenela ka nnoši go thutamahlale, boentšenero le theknolotši ka 2011. E be e le Mmabalelathago wa Sasol wa 2005 wa nyakišišo godimo ga go ba gona ga mpholo wa taeklofenak ka gare ga manong. Ka 2004 o amogetše sefoka sa Boswell sa Mokgatlo wa Diphoofole wa Afrika-Borwa sa amogelo ya tirelo ya maemo a godimo profesešeneng ya diphoofole.

Prof Swan o bile mongwadi le mongwadimmogo wa diathikele tše 74 ka gare ga ditšenale tša thutamahlale tša ISI.

Ke leloko la Mokgatlo wa Diphoofole wa Afrika-Borwa, wa Mokgatlo wa Famakholotši wa Afrika-Borwa, wa Mokgatlo wa Yuropa wa Mephole le Thoksoholotši, le Mokgatlo wa Seakhatemiki wa Afrika-Borwa. Ke mogweramoleloko wa Kholetšhe ya Amerika ya Famakholotši ya Diphoofole le Therapitiki.

Prof Swan o bile leloko la Khansela ya Taolo ya Dihlare (MCC) le dikomiti tša yona tša botsebi tše mmalwa mengwaga ye 22. O šomile bjalo ka Modulasetulo wa Komiti ya Malwetši a Diphoofole. O ile a ba leloko la Komiti ya Mohlakanelwa ya Ditsebi ya Dinoki tša Dijo (JECFA) ya Mokgatlo wa Maphelo wa Lefase/FAO (UN Mokgatlo wa Dijo le Temo) go mašaledi a diokobatsi. O bile leloko la Boto ya SanParks le Komiti ya yona ya Pabalelo le Boeti mengwaga ye meraro ya go feta. O bile modulasetulo wa Komiti go thoma ngwaga wa go feta. O na le maemo a C2 go tšwa go NRF.