



Prof Meyer is sedert 2001 Hoof van die Departement Plantkunde in die Fakulteit Natuur- en Landbouwetenskappe. Sy navorsing is toegespits op fitochemie en die sekondêre chemiese stowwe wat plante produseer om hulself teen patogene en herbivore te beskerm. Sy navorsingspan het talle nuwe stowwe geïsoleer met in vitro-aktiwiteit teen tuberkulose en malaria, MIV en herpes-virusse en ander patogene en probleme soos erekteiele disfunksie. Vier patente het uit hierdie werk voortgespruit en meer as 90 artikels is in ISI-vaktydskrifte opgeneem. Tydens sabbatsjaarbesoeke van ongeveer drie jaar het prof Meyer navorsing aan die Universiteit van Durham in Engeland en die Ludwig-Maximilians-Universität in München gedoen. Met sy huidige navorsing konsentreer hy op die metabolomika van die sekondêre chemiese stowwe van medisinale plante.

Hy is aktief betrokke by die professionele liggame op sy vakgebied en was tot 2007 President van die Suid-Afrikaanse Genootskap van Plantkundiges. Sy vernaamste prestasie tydens sy termyn as President was om die Genootskap se vaktydskrif, die *South African Journal of Botany*, internasionale status te verleen deur 'n ooreenkoms te beding om dit deur Elsevier te laat publiseer. Hy dien ook op die redaksie van drie ISI-vaktydskrifte en tree jaarliks as referent op vir ongeveer 30 artikels vir hierdie en ander internasionale vaktydskrifte. Hy het onlangs die Silwerpenning van die Suid-Afrikaanse Genootskap van Plantkundiges vir sy navorsingsprestasie en sy bydrae tot plantkunde in die algemeen ontvang.

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Prof Meyer has been Head of the Department of Plant Science in the Faculty of Natural and Agricultural Sciences since 2001. His research is focused on phytochemistry and the secondary compounds that plants produce to defend themselves against pathogens and herbivores. His research team has isolated many novel compounds from plants with in vitro activity against tuberculosis, malaria, HIV, herpes viruses and other pathogens and problems such as erectile dysfunction. Four patents have resulted from this work and more than 90 papers have been published in ISI journals. During sabbatical visits, Prof Meyer did research for about three years – in England at the University of Durham, and in Germany at the Ludwig-Maximilians-Universität München. His current research focus is on the metabolomics of the secondary compounds of medicinal plants.

He plays an active role in the professional societies of his research field and was the President of the South African Association of Botanists until 2007. His main achievement during his term as President was to internationalise the Association's journal, the *South African Journal of Botany*, by negotiating a contract for its publication by Elsevier. He is also on the editorial board of three ISI journals, and referees about 30 papers a year for these and other international journals. He recently received the Silver Medal from the South African Association of Botanists for his research achievements and his contribution to plant sciences in general.

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Prof Meyer o bile Hlogo ya Kgoro ya Thutamahlale a Dimela ka Lefapheng la Thutamahlale a Tlhago le Temo go tloga ka 2001. Dinyakišišo tša gagwe di nepile go khemistri ya bodimela le ditwakanywa tša bobedi tšeo dimela di di tšweletšago go itšhireletša kgahlanong le malwetši le diphoofo. Sehlopha sa gagwe sa dinyakišišo se kgaogantše ditwakanywa tše ntši tše mpsha go tšwa dimeleng ka mešongwana yeo e dirwago ka ntle ga mebele ya tšona kgahlanong le bolwetši bja mafahla (thiibii) le malaria, HIV le ditwatši tša hepese, le malwetši a mangwe le mathata a go se tsogetwe ga bonna. Dihlagišwa tše nne di tšweleditšwe mošomong wo gomme dipampiri tša go feta 90 di phatlaladitšwe ka ditšenale tša ISI. Nakong ya gagwe ya diketelo tša dithuto, Prof Meyer o dirile dinyakišišo tekano ya mengwaga e meraro go la Engelane, University of Durham, le Jeremane University of Ludwig-Maximilians-Universität München. Nepo ya gagwe ya dinyakišišo ya bjale e go thutakhemikhale yeo e ikgethilego (metapolomiki) ya ditwakanywa tša bobedi tša dimela tša meriana.

O bapala karolo e bohlokwa ka mekgatlong ya profešenale ya lefapha la gagwe la dinyakišišo gomme e be e le mopresidente wa Mokgatlo wa Borathutadimela wa Afrika-Borwa (*South African Association of Botanists*) go fihla ka 2007. Phihlelelo ya gagwe e kgolo nakong yeo e bego e le mopresidente e bile go iša tšenale, e lego *South African Journal of Botany*, ya mokgatlo maemong a boditšhabatšhaba ka go boledišana ka kontraka ya gore e phatlalatšwe ke ba Elsevier. O gona le mo botong ya borulaganyi ya ditšenale tše tharo tša ISI, e bile mošupetši wa dipampiri tše 30 ka ngwaga wa ditšenale tše le ditšenale tše dingwe tša boditšhabatšhaba. O sa tšwa go amogetšwa Medale wa Silibere wa Thutadimela go tšwa Mokgatlong ka diphihlelelo tša gagwe tša dinyakišišo le go tšea karolo ga gagwe saenseng ya dimela ka kakaretšo.