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MRSA

Prof Marthie Ehlers

Prof Ehlers is sedert 2005 Hoof van Navorsing in die Departement Mediese Mikrobiologie in die Fakulteit Gesondheidwetenskappe van die Universiteit van Pretoria en Senior Mediese Wetenskaplike in die Nasionale Gesondheidslaboratoriumdiens, 'n gesamentlike aanstelling van die twee instellings. Die instelling van die nagraadse navorsingsprogram in die Departement Mediese Mikrobiologie is aan haar te danke. Die program sluit die Tuberkulose-navorsingsprogram in, sowel as navorsingsprogramme oor antibiotiese weerstand en die ontluiking en herontluiking van patogene.

Prof Ehlers het die PhD in Mikrobiologie in 1998 aan die Universiteit van Pretoria verwerf en was van 1998 tot 1999 nadoktorale genoot van die Claude Harris Leon-stigting. Sy is reeds die afgelope 20 jaar betrokke by navorsing oor molekulêre mikrobiologie en haar navorsing is veral toegespits op die molekulêre eienskappe en gesondheidsimplikasies van bakterieë van kliniese belang. Sy was die ontvanger van die Prestige-navorsingstoekenning van die HF Verwoerd Trust in 2004 en 2005. Prof Ehlers ontvang reeds sedert 2005 'n jaarlikse stipendium vir navorsing van die Nasionale Gesondheid-laboratoriumdiens. In 2007 het sy 'n C2-gradering van die NNS ontvang. Van 2010 tot 2011 het sy insentiewe befondsing vir gegradeerde navorsers van die NNS ontvang.

Prof Ehlers is aktief betrokke by talle akademiese liggame by die Universiteit. Sy is lid van die MSc-Protokollekomitee en Studente Etiese Komitee van die Fakulteit Gesondheidswetenskappe, sowel as die Akademiese Advieskomitee en die Navorsingskomitee van die Fakulteit. Daarbenewens is sy lid van die Bestuurskomitee van die Universiteit se Sentrum vir Volhoubare Malariabeheer (UP CSMC), 'n stigterslid (in 2005) van die Universiteit van Pretoria se Waterinstituut, lid van die fokusgroep vir strategiese beplanning op die gebied van water en gesondheid van die Waternavorsingskommissie en redaksielid van *Water SA*. Prof Ehlers is die outeur van talle publikasies; sy beoordeel manuskripte vir nasionale en internasionale publikasies en is betrokke as studieleier of promotor van studente van honneurs- tot nadoktorale genootskapsvlak. Sy is 'n assessor vir die Nasionale Navorsingstigting en die Nasionale Gesondheidslaboratoriumdiens, en beoordeel ook ander aansoeke vir studentebeurse en toekennings. Sy het 'n C2-gradering van die NNS.

Since 2005, Prof Ehlers has been Head of Research in the Department of Medical Microbiology at the University of Pretoria and Senior Medical Scientist at the National Health Laboratory Service (NHLS), a joint appointment at the two institutions. She established the postgraduate research programme in the Department of Medical Microbiology, which includes the TB research programme, the antibiotic resistance programme, and the emerging and re-emerging pathogens programme.

Prof Ehlers obtained the PhD (Microbiology) at the University of Pretoria in 1998, and was a Claude Harris Leon Foundation Postdoctoral Fellow in 1998 and 1999. She has worked in the field of molecular microbiology for the past 20 years. Her research focuses on the molecular characterisation of clinically important bacteria and their health implications. She won the HF Verwoerd Research Trust-Prestige Award for 2004 and 2005. Prof Ehlers has received an annual NHLS research grant since 2005. She has been an NRF C2-rated scientist since 2007. She received NRF incentive funding for rated researchers for 2010 to 2011.

Prof Ehlers is involved in many academic bodies at the University. She is a member of the MSc Protocol Committee and the Students Ethics Committee of the Faculty of Health Sciences, as well as of the Academic Advisory Committee and the Research Committee of the Faculty. Furthermore, she is a member of the Management Committee of the UP Centre for Sustainable Malaria Control (UP CSMC), a founding member (2005) of the UP Water Institute, a member of the focus group for strategic planning in the health-related water field of the Water Research Commission, and an editorial member of *Water SA*. Prof Ehlers has published extensively, she reviews manuscripts for national and international publications and is involved in the supervision of students from honours to postdoctoral fellowship level. She is a reviewer of NRF, NHLS and other student bursary and grant applications. She has a C2-rating from the NRF.

Prof Ehlers o bile Hlogo ya Dinyakišišo/Ramahlalemogolo wa tša Bongaka ka Kgorong ya Bongaka bja Thutaditwatši go la UP le Laporathoring ya Bosetšhaba ya Maphelo (NHLS) go tloga ka 2005. Prof Ehlers o hlomile lenaneo la dinyakišišo la sealogasegolwane ka Kgorong ye leo le akaretšago lenaneo la dinyakišišo tša bolwetši bja mafahla (TB), lenaneo la tatolo ya dianthipaotiki le lenaneo la go tšwelela la mathomo le go tšwelela gape ga ditwatši.

Prof Ehlers o hweditše lengwalo la gagwe la PhD go la UP ka 1998 gomme a be a ba Mogweramoleloko wa Claude Harris Leon Foundation Post-Doctoral ka 1998 le 1999. O šomile ka lekaleng la thutaditwatši ya dimolekhule mo mengwageng e 20 yeo e fetilego. Dinyakišišo tša gagwe di nepile go pharologanyo ya dimolekhule tša dipakteria tše bohlokwa ka tlhokomelong le phekolong ya malwetši le ditlamorago tša tšona go tša maphelo. Prof Ehlers o amogetše thušo ya mašeleng ya NHLS ngwaga ka ngwaga go tloga ka 2005. O amogetše thušo ya mašeleng ya go hlohleletša banyakišiši bao ba fihleletšego maemo a itšeng go tloga ka 2010 go fihla ka 2011 gomme o thopile Sefoka sa Dinyakišišo sa HF Verwoerd Trust-Prestige go tloga ka 2004 go fihla ka 2005. O bile ramahlale wa maemo a C2 go NRF go tloga ka 2007.

Prof Ehlers o tšea karolo ka mekgatlong e mentši go la UP bjalo ka ya MSc le Thuto ya Maitshwaro a Baithuti, Dikomiti tša Taolo ya CSMC tša Lefapha la Thutamahlale a Maphelo tša UP. Ke leloko-mothomi la Setheo sa Meetse sa UP (ka 2005) gomme gape ke, gare ga tše dingwe, leloko la Komišene ya Dinyakišišo tša Meetse (WRC) sehlopheng sa go lebanya peakanyo ya togamaano ka lekaleng la meetse a go amana le tša maphelo ebile ke leloko la tša borulaganyi bja *Water SA*. Prof Ehlers o phatlaladitše ka makaleng a go fapafapana; o sekasekela diphatlalatšo tša bosetšhaba le tša boditšhabatšhaba dingwalwa ebile o tšea karolo ka go okameleng baithuti go tloga go tikrii ya honase go ya go fihla go dithuto tša ka godimo ga tša bongaka. Ke mosekaseki wa NRF, NHLS wa dikgopelo tša dithušo tša mašeleng le dipasari tše dingwe tša baithuti.