



2019 PROGRAMME

Sunday 20 January

16h00-19h00	Check-in and Registration
17h00-18h30	Professional development workshop – Prof Carolee Bull
19h00-21h00	Welcome Reception and Braai (Bouzouki Restaurant)

Monday 21 January

07h00-08h00	Registration
Session 1: Opening and Ethel M. Doidge Memorial Address Chairperson: Dr Cheryl Lennox (Stellenbosch University)	
08h00-08h15	Welcome: Dr Cheryl Lennox , Chairperson: Organising Committee
08h15-08h45	Opening Address: Prof Danie Brink (Stellenbosch University)
08h45-09h15	Ethyl M. Doidge Memorial Address: Dr Sandra Denman A holistic approach to investigating a complex decline-disease syndrome: Acute Oak Decline.
Session 2: Pathogen identification/Characterisation/Taxonomy Chairperson: Prof Bernard Slippers (FABI)	
09h15-09h30	O1: <u>van Niekerk, J.M.</u> , Swart, L., Guarnaccia, V., McLeod, A. Identity and pathogenicity of <i>Fusarium</i> and <i>Neocosmospora</i> spp. associated with old citrus orchard soils in South Africa.
09h30-09h45	O2: Welgemoed, T., Pierneef, R., Schulze, A., Pietersen, G., <u>Berger, D.K.</u> RNA sequencing of maize reveals a new luteovirus in South Africa.
09h45-10h00	O3: <u>Maduke, A.</u> , Slippers, B., Van Der Linde, E., Wingfield, M.J., Fourie, G. Botryosphaeriaceae on Macadamia and their association with twig and branch die-back in South Africa.
10h00-10h15	O4: <u>Langa, N. A.</u> , Goszczynska, T., Yobo, K.S. <i>Pseudomonas</i> species causing foliar diseases of tomato in South Africa.
10h15-10h30	O5: <u>Fourie, G.</u> , Mufamadi, Z.C , Smith, A., Sonnekus, B., Pham, N.Q., Willis-Boyum, A., van den Berg, N. Characterisation of the causal agents of Macadamia husk rot in South Africa.
10h30-11h00	Coffee/Tea and Poster Viewing
Session 3: Pathogen identification/Characterisation/Taxonomy Chairperson: Dr Sandra Lamprecht (ARC-Plant Health & Protection)	
11h00-11h30	K1: Prof Pedro Crous Resolving the taxonomy of coelomycetes.
11h30-11h45	O6: <u>Vermeulen, M.</u> , Spies, C.F.J., Mostert, L., Halleen, F. New insights into the causal organisms of olive trunk diseases and their role in propagation.
11h45-12h00	O7: <u>Havenga, M.</u> , Aylward, J., Roets, F., Dreyer, L.L., Wingfield, B.D., Wingfield, M.J. Illucidation of the mating strategy and mating type distribution of the <i>Eucalyptus</i> leaf pathogen <i>Teratosphaeria destructans</i> from six countries.
12h00-12h15	O8: <u>Messal, M.</u> , Kemler, M., Naidoo, S., Slippers, B. Fungal community composition associated with leaves of a <i>Eucalyptus grandis</i> half-sib population.

12h15-12h30	O9: <u>Pham, N.Q.</u> , Marincowitz, S., Barnes, I., Wingfield, M.J. Novel soil-borne <i>Calonectria</i> species from <i>Eucalyptus</i> plantations in Sabah, Malaysia.
12h30-12h45	O10: <u>Thompson, R.S.</u> , Beukes, M., Brodal, G., Aveling, T.A.S. Isolation and identification of <i>Sydowia polyspora</i> and its pathogenicity on <i>Pinus elliottii</i> in South Africa.
12h45-13h00	O11: <u>Bester, R.</u> , Karaan, M., Cook, G., Maree, H.J. Identification of a new variant of citrus concave gum-associated virus in South Africa.
13h00-14h00	Lunch (Bouzouki Restaurant)
Session 4: Pathogen identification/Characterisation/Taxonomy Chairperson: Prof Teresa Coutinho (University of Pretoria)	
14h00-14h30	K2: Prof Carolee Bull Translational taxonomic investigations to control diseases caused by <i>Pseudomonas syringae</i> .
14h30-14h45	O12: <u>Tshwane, D.N.</u> , Cosa, S., Mkhhalanyane, T.P., Moleleki, L.N. Characterisation of bacterial quorum quenching genes from marine environments: a novel approach to attenuate <i>Pectobacterium</i> spp. pathogenicity.
14h45-15h00	O13: <u>Noqobo, Z.</u> , Chiyanzu, I., Thompson, G., Marx, S. Composition analysis of fungal community associated with foliar Sorghum diseases in South Africa.
15h00-15h15	O14: <u>Miyambo, T.M.</u> , Prabhu, S.A., Van der Merwe, N.A., Mwangi, S., Seedat, M., Engelbrecht, J., van den Berg, N. Identification and characterization of polygalacturonases in <i>Phytophthora cinnamomi</i> .
15h15-15h30	O15: <u>Schulze, A.</u> , Flett, B., Pietersen, G. Pre-empting Maize Lethal Necrosis Disease in South Africa: survey for potyviruses of maize (<i>Zea mays</i>).
15h30-16h00	Coffee/Tea and Poster Viewing
Session 5: Pathogen identification/Characterisation/Taxonomy Chairperson: Prof Mark Laing (University of KwaZulu-Natal)	
16h00-16h15	O16: <u>Mkhize, S.F.</u> , Truter, M., Aveling, T.A.S., Kritzinger, Q. Mycoflora and mycotoxins associated with cowpea leaves from smallholder farmers in South Africa.
16h15-16h30	O17: <u>Du Plessis, I.L.</u> , Mostert, L., Nagel, J., B. Slippers, B., Halleen, F. The genetic diversity of <i>Neofusicoccum australe</i> from grapevines and other woody hosts in the Western Cape.
16h30-16h45	O18: <u>Makatini, G.J.</u> , Lamprecht, S.C., Spies, C.F.J., Tewoldemedhin, Y. T., de Beer, A., McLeod, A. Occurrence, diversity and pathogenicity of seed-borne <i>Diaporthe</i> species associated with soybean in South Africa.
16h45-17h00	O19: <u>Shutt, V.M.</u> , van der Waals, J.E., Goszczynska, T., Coutinho, T.A. <i>Xanthomonas</i> species causing black spot on tomato in South Africa.
17h00-17h15	O20: <u>Guarnaccia, V.</u> , van Niekerk, J.M. Molecular identification of <i>Diaporthe</i> species associated with citrus: The Dry root rot disease complex.
17h15-17h30	O21: <u>Cruywagen, E.M.</u> , Chauke, K.A., Oelofse, D., Cloete, M. <i>Streptomyces</i> species associated with fissure scab of potato tubers in South Africa.
17h30-17h45	O22: <u>Jami, F.</u> , Migliorini, D., Wingfield, M.J., Crous, P.W., Slippers, B., Burgess, T.I. Comparison of Botryosphaeriaceae on Proteaceae in cultivated orchards and natural habitats.
17h45-18h00	O23: <u>Achilonu, C.C.</u> , Gryzenhout, M., Marais, G.J. <i>Alternaria</i> spp. associated with anthracnose and leafspot on pecans in South Africa.



18h00-18h15	O24: <u>Bose, T.</u> , Roux, J., Burgess, T.I., Shaw, C., Wingfield, M.J. Susceptibility of <i>Eucalyptus grandis</i> and <i>Acacia mearnsii</i> to five common <i>Phytophthora</i> species in South Africa.
18h30-19h30	Starke Ayres Quiz evening – hosted by Wilmarie Kriel
19h30	Supper (Bouzouki Restaurant)

Tuesday 22 January

Session 6: Epidemiology/Ecology/ Phytosanitation Chairperson: Dr Lindy Rose (Stellenbosch University)	
08h00-08h30	JE Vanderplank Memorial Address: Prof Altus Viljoen Global efforts to mitigate the impact of banana Fusarium wilt caused by <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> TR4.
08h30-08h45	O25: <u>Rothmann, L.Z.</u> , Bester, M.C., Steyn, C., McLaren, N.W. A community of practice: modelled on Sclerotinia stem rot of soybean.
08h45-09h00	O26: <u>Nsibo, D.L.</u> , Barnes, I., Berger, D.K. Population genetic structure and differentiation among <i>Cercospora zeina</i> geographic populations from Southern Africa.
09h00-09h15	O27: <u>Ximba, S.P.F.</u> , Gubba, A., Jooste, A.E.C. Monitoring <i>Banana bunchy top virus</i> outbreak in the South Coast region of KwaZulu-Natal, South Africa.
09h15-09h30	O28: <u>van der Merwe, R.</u> , Halleen, F., Mostert, L. Occurrence of canker and wood rot pathogens in stone fruit propagation material and nursery trees.
09h30-09h45	O29: <u>Rambauli, M.</u> , Matlala, K. International and national phytosanitary prescripts for plant disease control and management: South African perspective.
09h45-10h00	O30: <u>Kallideen, R.</u> , Schoeman, M.H.A relook at the epidemiology of <i>Cercospora</i> spot on avocado.
10h00-10h15	O31: <u>Nel, W.J.</u> , Wingfield, B.D., McTaggart, A.R., Wingfield, M.J., de Beer, Z.W., Lim, H.J., van der Nest, M.A., Duong, T.A. Genomic patterns of convergently evolved bark and ambrosia beetle associated fungi reveal patterns of genome reduction and gene loss.
10h15-10h30	O32: <u>Nagel, J.H.</u> , Marsberg, A., Postma-Smidt, A., Naidoo, S., Wingfield, M.J., Slippers, B. Comparative genomics reflects lifestyle and infection strategies of the Botryosphaeriaceae.
10h30-11h00	Coffee/Tea and Poster Viewing
Session 7: Epidemiology/Ecology/ Phytosanitation Chairperson: Dr Diane Mostert (Stellenbosch University)	
11h00-11h30	K3: Prof Jacquie van der Waals Quarantine pathogens and certification systems: A potato perspective.
11h30-11h45	O33: <u>Muzhinji, N.</u> , van der Waals, J. Population biology and genetic variation of <i>Spongospora subterranea</i> f. sp. <i>subterranea</i> , cause of powdery scab and root galls on potato in South Africa.
11h45-12h00	O34: <u>Mostert, I.</u> , Burger, J.T., Maree, H.J. Optimising the use of grapevine virus A infectious clones for transient gene expression and silencing.
12h00-12h15	O35: <u>Gush, S.</u> , Muzhinji, N., van der Waals, J.E., Truter, M. Elucidating the role of biotic and abiotic factors in causing corky crack blemishes on potato tubers in South Africa.
12h15-12h30	O36: <u>Mahlangu, A.Z.</u> , Kritzing, Q., Aveling, T.A.S. Seed quality of farm-saved dry bean seeds of smallholder farmers in the uThukela district of KwaZulu-Natal.

12h30-12h45	O37: <u>Barnes, I.</u> , Wingfield, M.J., Mongwaketsi, K., Jami, F., Garnas, J. Tolerance of South African <i>Pinus patula</i> hybrids to newly discovered <i>Fusarium circinatum</i> haplotypes from Central America.
12h45-13h00	O38: <u>Bophela, K.N.</u> , Petersen, Y., C.T. Bull, Coutinho, T.A. Investigating the potential role of ring nematodes (<i>Mesocrinonema xenoplax</i>) in predisposing plum trees to bacterial canker.
13h00-14h00	Lunch (Bouzouki Restaurant)
Session 8: Epidemiology/Ecology/ Phytosanitation Chairperson: Dr Jan van Niekerk (Citrus Research International)	
14h00-14h30	K4: Dr Paul Fourie The Southern African Citrus Improvement Scheme: balancing biosecurity and commercial citriculture.
14h30-14h45	O39: <u>Roberts, R.</u> , Cook, G., Grout, T., Rwomushana, I., Nderitu, P., Seguni, Z., Materu, C., Steyn, C., Pietersen, G., le Roux, H. Detection of ' <i>Candidatus</i> Liberibacter species from citrus in East Africa.
14h45-15h00	O40: <u>Aldrich, D.</u> , Bester, R., Cook, G., Burger, J.T., Maree, H.J. Elucidating stem pitting induction in citrus: Using Citrus tristeza virus clones to our advantage.
15h00-15h15	O41: <u>Moyo, P.</u> , Kellerman, M., Fourie, P.H. CRI-PhytRisk for Citrus Black Spot forecasting and decision support.
15h15-15h30	O42: <u>Steyn, C.</u> , Clase, R., Kirkman, W., Cook, G. Molecular identification of an <i>Orchid fleck virus</i> (<i>Dichorhavirus</i>) found in citrus in South Africa.
15h30-16h00	Coffee/Tea and Poster Viewing
Session 9: Epidemiology/Ecology/Phytosanitation Chairperson: Dr Alana Den Breeyen (ARC-Plant Health & Protection)	
16h00-16h15	O43: <u>Slippers, B.</u> , Kemler, M., Vivas, M., Messal, M., McTaggart, A., Naidoo, S., Wingfield, M.J. The plant endophytic microbiome and biosecurity.
16h15-16h30	O44: <u>Wood, A.R.</u> , Den Breeyen, A. <i>Colletotrichum acutatum</i> infection levels on <i>Hakea sericea</i> under natural conditions.
16h30-16h45	O45: <u>Aylward, J.</u> , Roets, F., Dreyer, L.L., Wingfield, B.D., Wingfield, M.J. Recombination or multiple introductions? Evaluating sexual reproduction in two <i>Eucalyptus</i> stem canker pathogens.
16h45-17h00	O46: <u>Boshoff, W.H.P.</u> , Visser, B., Terefe, T., Pretorius, Z. A. Pathogenic variability and oat cultivar response to <i>Puccinia graminis</i> f. sp. <i>avenae</i> in South Africa.
17h00-17h15	O47: <u>Bester, R.</u> , Maree, H. J. Application of High-Throughput Sequencing for routine plant virus detection.
17h15-17h30	O48: <u>Seedat, M.</u> , Mwangi, S., Naidoo, S., van den Berg, N. Identification of Crinkler effector genes in <i>Phytophthora cinnamomi</i> during avocado root infection.
17h30-17h45	O49: <u>Jordaan, E.</u> , van der Waals, J.E., McLaren, N.W. Effect of irrigation on charcoal rot severity, yield loss and colonization of soybean and sunflower.
17h45-18h00	O50: <u>Lynn, K.M.T.</u> , Wingfield, M.J., Duran, A., de Beer, W., Barnes, I. A novel haplotype of the tea shot hole borer (<i>Euwallacea fornicatus</i>) and its novel <i>Fusarium</i> sp. symbiont infesting <i>Acacia crassicaarpa</i> in Indonesia.
18h00-18h15	O51: <u>de Beer, Z.W.</u> , Paap, T. Combating the Polyphagous Shot Hole Borer (PSHB) invasion in South Africa requires a coordinated approach.
18h30-19h00	Mildenhall Stakes
19h00-late	Braai (Boesmanland Plaaskombuis)

Wednesday 23 January

 Session 10: Disease management Chairperson: Dr Rikus Kloppers (Corteva)	
08h00-08h30	K5: Dr John Wiles Designing and developing integrated disease management solutions to improve crop performance, efficacy, and durability.
08h30-08h45	O52: Mamba, L.C., Meitz-Hopkins, J.C., Fourie, P.H., du Plooy, W., Lennox, C.L. Propiconazole resistance screening of <i>Galactomyces citri-aurantii</i> and <i>Penicillium digitatum</i> isolates causing citrus postharvest decay.
08h45-09h00	O53: Masikane, S.L., Novela, P., Mohale, P., Jolliffe, J.B., de Villiers, D., McLeod, A. The effect of foliar phosphonate sprays on fruit residues and Phytophthora root rot control in avocado.
09h00-09h15	O54: Russouw, A., Meitz-Hopkins, J.C., Lennox, C.L. Integrated management of Bull's eye rot of apples in the Western Cape.
09h15-09h30	O55: Rebel, P., Van Zyl, J.G., Wessels, J.P.B, McLeod, A. Evaluation of the MABO dosing model for pesticide spray application in modern high-density apple orchards.
09h30-09h45	O56: Venter, E., Meitz-Hopkins, J.C., Lennox, C.L. Incidence and management of plant pathogenic fungi in stored pomegranate fruit in South Africa.
09h45-10h00	O57: Lamprecht, S.C., Phasoana, T.J., Spies, C.F.J., Tewoldemedhin, Y.T. Diversity and management of <i>Rhizoctonia</i> on sunflower seedlings in South Africa.
10h00-10h15	O58: Marais, I., Crampton, B.G., Theron, J., Berger, D.K. External RNA uptake by <i>Cercospora zeina</i> – towards a novel RNA fungicide against grey leaf spot disease of maize.
10h15-10h30	O59: Mamphiswana, N.D., Kena, M.A., Mashela, P.W. Interactive effect of Nemarioc-AL, Nemafric-BL and <i>Penicillium simplicissimum</i> on avocado root rot and mineral nutrient concentrations.
10h30-11h00	Coffee/Tea and Poster viewing
 Session 11: Disease management Chairperson: Dr Johan Janse van Rensburg (Corteva)	
11h00-11h15	O60: Bancole, W.B.A., Laing, M.D., Yobo, K.S. Field evaluation of systemic strains of <i>Beauveria bassiana</i> activity against sorghum stem borer (<i>Chilo partellus</i>) damage.
11h15-11h30	O61: Musa, H., Nusaibah, S.A. Evaluation of the efficacy of <i>Trichoderma</i> species, used in combination, to control basal stem rot disease of oil palm (<i>Elaeis guineensis</i>).
11h30-11h45	O62: Lekota, M., Modisane, J.K., Apostolides, Z., van der Waals, J.E. Untargeted metabolomics reveals induced metabolites in potato cultivars differing in susceptibility to <i>Spongospora subterranea</i> f. sp. <i>subterranea</i> root infection.
11h45-12h00	O63: van Jaarsveld, W.J., Halleen, F., Mostert, L. Investigating the colonization of <i>Trichoderma</i> in grapevine nursery vines for improved management of black foot disease.
12h00-12h15	O64: Stempien, E., Pierron, R., Adendorff, I., Halleen, F., Mostert, L. Root colonization and host defence activation of grapevine rootstock by the biological control agent <i>Trichoderma atroviride</i> .
12h15-12h30	O65: Sutherland, R., Mathonsi, T.M., Gouws-Meyer, R., Laurie, S., Oelofse, D., Venter, S., Kena, M.A. The use of <i>Trichoderma</i> species and non-pathogenic <i>Fusarium</i> species to control Fusarium wilt of sweet potatoes.
12h30-12h45	O66: Meyer, W.B., Boshoff, W.H.P, Minnaar-Ontong, A., Visser, B. Phenotypic and genotypic variation of <i>Puccinia helianthi</i> in South Africa.

12h45-13h00	O67: <u>Ndayihanzamaso, P., Matthews, M.C., Mostert, D., Mahuku, G., Viljoen, A.</u> Methods for early screening of banana varieties for resistance to <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> .
13h00-14h00	Lunch (Bouzouki Restaurant)
Session 12: Disease management Chairperson: Dr Julia Meitz-Hopkins (Stellenbosch University)	
14h00-14h30	K6: Prof Arne Stensvand Alternative means to control powdery mildews.
14h30-14h45	O68: <u>Janse van Rensburg, B., Craven, M.</u> Development of a charcoal rot screening protocol for maize and the establishment of resistance levels within commercially available hybrids.
14h45-15h00	O69: <u>Visser, B., Meyer, M., Park, R.F., Gilligan, C.A., Burgin, L.E., Hort, M.C., Hodson, D.P., Pretorius, Z.A.</u> Out of Africa to Down-Under: a study on the proposed inter-continental movement of wheat stem rust.
15h00-15h15	O70: <u>van Coller, G.J., Nowers, E., Lamprecht, S.C., Beukes, I., Viljoen, A.</u> Resistance of commercial South African wheat cultivars and breeding lines to <i>Fusarium</i> head blight caused by <i>Fusarium graminearum</i> s.s. and <i>F. pseudograminearum</i> .
15h15-15h30	O71: <u>Macharia, T.N., Moleleki, L.N.</u> Evaluation of resistance to root-knot nematode (<i>Meloidogyne javanica</i>) in potato cultivars.
15h30-16h00	Coffee/Tea and Poster Viewing
Session 13: Disease management Chairperson: Prof Wijnand Swart (University of Free State)	
16h00-16h15	O72: <u>Mathelemuse, A.S., Truter, M., Yobo, K.S., Kena, M., Steyn, P.J., Oelofse, D., Venter, S.L., Sutherland, R.</u> Screening potato varieties against brown spot caused by <i>Alternaria alternata</i> .
16h15-16h30	O73: <u>Popoola et al.</u> Evaluation of tomato genotypes for wilt tolerance, higher yield and storability in Abeokuta, Nigeria.
16h30-16h45	O74: <u>Bender, C.M., Boshoff, W.H.P., Pretorius, Z.A.</u> The impact of new races of <i>Puccinia graminis</i> f. sp. <i>tritici</i> on South African wheat cultivars.
16h45-17h00	O75: <u>Kotze, R.G., Kritzinger, Q., Crampton, B.G.</u> Host response of maize against the foliar pathogen <i>Exserohilum turcicum</i> .
17h00-17h30	K7: Prof Zakkie Pretorius Are cereal rusts still important?
17h30-18h30	SASPP Biennial General Meeting
19h30	Gala Dinner and Awards Evening (Bouzouki Restaurant)



POSTER PROGRAMME

Pathogen identification/Characterisation/Taxonomy	
P01	<u>Venter, E., Meitz-Hopkins, J.C., Mostert, L., Laubscher, W., Lennox, C.L.</u> <i>Coniella granati</i> causes fruit rot on pomegranate in South Africa.
P02	<u>van der Merwe, E., Carelse, G-L., van Niekerk, J.M.</u> Identification, pathogenicity, mefenoxam and chlorine sensitivity of <i>Pythium</i> spp. from citrus nurseries.
P03	<u>van Coller, G.J., Lamprecht, S.C., Viljoen, A.</u> Identification and distribution of <i>Fusarium</i> species associated with crown rot of wheat in the Western Cape Province.

P04	<u>Spies, C.F.J.</u> , Phasoana, T., Tewoldemedhin, Y.T., Lamprecht, S.C. Three putative new species in the <i>Pythium acanthicum</i> species complex from sunflower seedlings.
P05	<u>Mtshweni, N.P.</u> , Van der Linde, E.J., Regnier, T., Thaoge, M.L. Characterisation and pathogenicity of <i>Colletotrichum</i> on papaya in South Africa.
P06	<u>Semu, E.</u> , Gryzenhout, M., Marais, G.J. <i>Chaetomium</i> species associated with pecans in South Africa.
P07	<u>Schreuder, H.M.</u> , van Coller, G.J., Viljoen, A., Rose, L. PCR-RFLP's to identify <i>Alternaria</i> species associated with commercial wheat in South Africa.
P08	<u>Nkomo, N.P.</u> , Shyntum, D.Y., Tanui, C.K., Bellieny, D., Moleleki, L.N. PhoP is a global transcriptional regulator of virulence and fitness of <i>Pectobacterium carotovorum</i> subspecies <i>brasiliense</i> 1692 during the early stages of infection.
P09	<u>Russouw, A.</u> , Meitz-Hopkins, J.C., Lennox, C. Pathogenicity and cultivar susceptibility of <i>Neofabraea</i> species causing Bull's eye rot.
P10	<u>Roberts, R.</u> , Botha, W., van der Merwe, M. First report of the association of the <i>Mirafiori Lettuce Big-Vein Virus</i> and <i>Lettuce big vein associated virus</i> with lettuce big vein disease in South Africa.
P11	<u>Coertzen, J.</u> , Gryzenhout, M., Slippers, B., Marais, G.J. Botryosphaeriaceae fungal pathogens associated with pecans, with special reference to <i>Neofusicoccum parvum</i> .
P12	<u>Magwebu, S.</u> , Meitz-Hopkins, J.C., Venter, E., Lennox, C.L. Molecular identification of the causal pathogens causing blue mould in pomegranate fruits.
P13	<u>Lamprecht, S.C.</u> , Phasoana, T.J., Spies, C.F.J., Guarnaccia, V., Groenewald, J.Z., Crous, P.W. <i>Diaporthe</i> species associated with sunflower seedlings in South Africa.
P14	<u>Kozana, A.</u> , Visser, B., Roberts, R., Botha, W., Prinsloo, G., Terefe, T. First detection of <i>Polymyxa graminis</i> , a parasite of cereal roots and vector of cereal viruses, in South Africa.
P15	<u>Matthews, M.C.</u> , Ndayihanzamaso, P., Mostert, D., Rose, L.J., Viljoen, A. Detection and quantification of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> tropical race 4 and Lineage VI from environmental samples.
P16	<u>Mulaudzi, R.I.</u> , Labuschagne, N Genome derived microsatellite markers: a valuable resource for Botryosphaeriaceae population studies.
P17	<u>Mostert, I.</u> , Visser, M., Gazendam, I., Cloete, M., Burger, J.T., Maree, H.J. High throughput sequencing analysis of <i>Ornithogalum</i> co-infected with multiple viruses.
P15	<u>du Toit, M.T.</u> , Fourie, G., de Beer, Z.W., Van den Berg, N. The first report of <i>Fusarium euwallaceae</i> on <i>Persea americana</i> in South Africa.
P19	<u>Modiba, M.P.</u> , Bose, T., Coutinho, T.A. Identification of oomycetes associated with plum orchards in the Western Cape Province of South Africa.
P20	<u>Mpenge, J.</u> , Goszczynska, T., Gouws-Meyer, R., Moloto, M.V. Angular leaf spot of Cucurbits in South Africa and its causal agents.
P21	<u>Theron, N.</u> , Gryzenhout, M., Swart, M.J., Marais, G.J. <i>Cladosporium cladosporioides</i> , causative agent of pecan scab in South Africa.
P22	<u>Meitz-Hopkins, J.C.</u> , Stofberg, M., Schutte, E., Coertze, S., Jensen, T., Lennox, C.L. Overview of South African blueberry pathogens.
P23	<u>Jacobs, C.M.</u> , van Coller, G.J., Viljoen, A., Rose, L.J. Molecular identification and characterisation of the <i>Fusarium incarnatum-equiseti</i> species complex associated with South African wheat.
P24	<u>Hartley, J.</u> , Engelbrecht, J., van den Berg, N. White root rot caused by <i>Rosellinia necatrix</i> on <i>Persea americana</i> in South Africa.
P25	<u>Koopman, T.A.</u> , Smit, L., Bester, C. Fungal survey of dieback diseases in honeybush (<i>Cyclopia</i> spp.) plantations in the Eastern and Western Cape.

P26	Bhiya, T.R., Visagie, C., Tabit, F., Truter, M. Characterisation and detection of <i>Alternaria</i> leaf blight diseases associated with prominent vegetable crops in South Africa.
P27	<u>Aylward, J.</u> , Roets, F., Dreyer, L.L., Wingfield, M.J., Wingfield, B.D. Phylogenomics of <i>Teratosphaeria</i> leaf and stem pathogens.
P28	Martin, L.A., Lloyd Evans, D., Castlebury, L.A., Sifundza, J.T., Comstock, J.C., Rutherford, R.S., <u>McFarlane, S.A.</u> Confirmation of a new rust, <i>Macruropyxis fulva</i> (Pucciniales) infecting sugarcane in southern Africa.
Epidemiology/Ecology/Phytosanitation	
P29	<u>Shutt, V.M.</u> , Hassim, A., van Heerden, H., van der Waals, J.E, Goszczynska, T., Coutinho, T.A. A multiple-locus variable number tandem repeat analysis (MLVA) of <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> strains from South Africa.
P30	<u>Nkosi, B.Z.</u> , Jacob, A., Cloete, M., Oelofse, D., Truter, M. Characterisation of <i>Fusarium oxysporum</i> species complex associated with Fusarium wilt of sweet potato in South Africa.
P31	<u>Arnold, F.</u> , Van Coller, G.J., Viljoen, A., Rose, L.J. Population analysis of <i>Fusarium pseudograminearum</i> associated with Fusarium crown rot and Fusarium head blight of wheat in the Western Cape.
P32	Retief, E. Characterisation and pathogenicity of <i>Verticillium</i> species associated with potato and rotation crops in the Sandveld.
P33	<u>Nel, W.J.</u> , Duong, T.A., Hammerbacher, A., Wingfield, B.D., Wingfield, M.J., de Beer, Z.W. <i>Berkeleyomyces basicola</i> and <i>Berkeleyomyces rouxiae</i> : Black root-rot pathogens of globally important crop plants.
P34	<u>Sivparsad, B.J.</u> , Nxumalo, T.P., Germishuizen, I., Morris, A.R. Insights into the epidemiology of wattle rust (<i>Uromycladium acaciae</i>) in South Africa: results of the 2015-2017 monitoring programme.
P35	<u>Zim, N.Y.</u> , Coutinho, T.A. Comparative genomic analysis of <i>Xanthomonas vasicola</i> strains from different hosts: identification of the genetic determinants of host specificity.
P36	<u>Swart, L.</u> , Kellerman, M., Fourie, P.H. The effect of different temperatures and wetness interruption on the germination of <i>Phyllosticta citricarpa</i> pycnidiospores.
P37	<u>Carstens, E.</u> , Langenhoven, S.D., Pierron, R., Laubscher, W., Serfontein, J.J., Bezuidenhout, C.M., Venter, E., Fourie, P.H., Hattingh, V., Mostert, L. <i>Elsinoë punicae</i> , causing scab of pomegranates in South Africa, does not cause disease on citrus.
Disease management	
P38	<u>Mphuthi, P.</u> , De Beer, T. The evaluation of flue-cured and air-cured tobacco breeding lines for resistance to black shank (<i>Phytophthora nicotianae</i> var. <i>nicotianae</i>).
P39	<u>Strydom, S.</u> , Spies, C.F.J., du Plessis, I.L., Vermeulen, A.K., van der Rijst, M., Mostert, L., Halleen, F. Determining the duration of susceptibility of grapevine rootstock mother vine pruning wounds towards the Petri disease pathogen <i>Phaeomoniella chlamydospora</i> .
P40	<u>Smit, L.</u> , Langenhoven, W.E., Petersen, Y. Vegetative compatibility among <i>Diaporthe</i> species from Honeybush (<i>Cyclopia</i> spp.) are synonym to the species on fruit trees.
P41	<u>Petersen, Y.</u> , Burger, P., Langenhoven, W.E. Genotypic diversity and virulence of <i>Xylophilus ampelinus</i> isolates.
P42	<u>Nowers, L.</u> , Strauss, J.A. Sclerotinia stem rot of canola in crop rotation systems in the Western Cape Province.
P43	<u>Matlala, K.</u> , Mathelemuse, S. Interception of <i>Thaumatotibia leucotreta</i> , <i>Phyllosticta citricarpa</i> , <i>Blissus diplopterus</i> , <i>Tephritidae</i> spp. and other quarantine pests on export fruits from South Africa to the European Union.
P44	<u>Langenhoven, W.E.</u> , Petersen, Y. Occurrence of grapevine crown gall in nurseries in the Western Cape province.

P45	<u>Joubert, M.</u> , van den Berg, N. Discovery of <i>Phytophthora cinnamomi</i> RxLR effector genes expressed during Avocado infection.
P46	<u>Jolliffe, J.B.</u> , Dann, E.K., Masikane, S.L., Novela, P., Mohale, P., McLeod, A. Seasonal colonisation patterns of <i>Phytophthora cinnamomi</i> in avocado orchards of South Africa.
P47	<u>Bezuidenhoudt, L.</u> , Marsberg, A., Lang, K., Nagel, J.H., Postma-Smidt, A., Naidoo, S., Wingfield, M.J., Slippers, B. Molecular genetics of a fungal endophytic tree infection: A model based on <i>Botryosphaeria dothidea</i> infections on <i>Eucalyptus grandis</i> .
P48	<u>Wienk, R.</u> , Miyambo, T., van den Berg, N. Profiling the polygalacturonase inhibitors in <i>Persea americana</i> in response to the pathogen <i>Phytophthora cinnamomi</i> .
P49	<u>Basdew, I.H.</u> , Laing, M.D. Integrated management of <i>Penicillium digitatum</i> in citrus fruit using preharvest applications, plus postharvest hot water treatments.
P50	<u>Wallace, E.C.</u> , Geiser, D.M. Examining evidence for historical recombination and species boundaries in <i>Fusarium oxysporum</i> species complex isolates from soil and asymptomatic plants.
P51	<u>Mulaudzi R.I.</u> , Labuschagne, N. <i>In vitro</i> and <i>in vivo</i> assessment of plant growth promoting rhizobacteria for plant growth enhancement and biocontrol activity against <i>Fusarium pseudograminearum</i> on wheat.
P52	<u>Webber, M.</u> , Mostert, L., Halleen, F. The effect of hot water treatment on grapevine trunk disease pathogens <i>in vitro</i> and in rootstock propagation material.
P53	<u>Ullah, S.</u> , Mostert, D., Viljoen, A. The survival and treatment of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> in irrigation water.
P54	<u>Terefe, T.</u> , Delpont, P., Booysse, M. Profitability of fungicide application to wheat in the Western Cape, South Africa.
P55	Stevens, C., Mamba, L.C., Lennox, C.L., Erasmus, A., Fourie, P.H., du Plooy, W., <u>Meitz-Hopkins, J.C.</u> Baseline sensitivity of <i>Penicillium digitatum</i> to the anilinopyrimidine pyrimethanil.
P56	Schoeman, M.H. Evaluation of fungicides/biological control products for controlling husk rot in macadamia.
P57	<u>Phasoana, T.J.</u> , Lamprecht, S.C., McLeod, A. Seed treatment as a management strategy for soilborne pathogens of soybean in South Africa.
P58	<u>Ncube, E.</u> , Saayman-du Toit, J. Screening sorghum cultivars for leaf diseases in South Africa.
P59	<u>Muzhinji, N.</u> , Woodhall, J.W., Truter, M., van der Waals, J.E. Variation in fungicide sensitivity among <i>Rhizoctonia</i> isolates recovered from potatoes in South Africa.
P60	<u>de Villiers, D.</u> , Wessels, J.B.P., McLeod, A. Alternatives for the management of apple replant disease.
P61	<u>Bothma, S.</u> , Mostert, D., Rose, L.J., Tazan, G., Matabuana, E., Viljoen, A. Field evaluation of Cavendish somaclones and mutants for Fusarium wilt race 4 resistance and agronomic performance in northern Mozambique.
P62	<u>Kubheka, B.P.</u> , Laing, M.D., Yobo, K.S. Integration of biocontrol agents and potassium silicate to control <i>Rhizoctonia solani</i> on cabbage under field conditions.
P63	<u>Hanneman, J.J.</u> , Engelbrecht, J., van den Berg, N. The <i>in vitro</i> morphological effects of the chemical control agent, phosphite, on South African <i>Phytophthora cinnamomi</i> isolates.
P64	<u>Minnaar, H.</u> , Prins, R., Bender, C.M., Maree, G.J., Boshoff, W.H.P. Comparing phenotypic expression of stripe rust resistance using spray and point inoculation.
P65	<u>Marais, J.</u> , Meitz-Hopkins, J. C., Pott, R. W., Lennox, C.L. Fungicide sensitivity testing for biological fungicides iturin A and fenpicin.

P66	<u>Mamba, L.C.</u> , Meitz-Hopkins, J.C., Fourie, P.H., du Plooy, W., Lennox, C.L. Optimisation of propiconazole drench application timing for sour rot control in South Africa.
P67	Stevens, C., Mamba, L.C., Lennox, C.L., <u>Meitz-Hopkins, J.C.</u> Microtiter analysis of <i>Galactomyces citri-aurantii</i> sensitivity to propiconazole.
P68	<u>Rauwane, M.E.</u> , Odeny, D.A., Rey, C., Rees, J. Transcript profiling and expression analysis reveals candidate defence-related genes involved in herbivore feeding in cassava.
P69	<u>Marais, J.</u> , Meitz-Hopkins, J.C., Pott, R. W., Lennox, C.L. Cyclolipopeptides from <i>Bacillus amyloliquefaciens</i> as postharvest fungicides on apples and pears.
P70	<u>Muzhinji, N.</u> , Woodhall, J.W., Truter, M., van der Waals, J.E. Relative contribution of seed tuber- and soilborne inoculum to potato disease development and changes in the population genetic structure of <i>Rhizoctonia solani</i> AG 3PT under field conditions in South Africa.
P71	<u>Magwebu, S.</u> , Meitz-Hopkins, J. C., Pott, R., E. Venter, Lennox, C.L. Efficacy of <i>Bacillus amyloliquefaciens</i> cyclolipopeptide metabolite against blue mould of pomegranate <i>in vitro</i> .
P72	<u>Froneman, E.</u> , van Jaarsveld, W., Costa, C., Halleen, F., Mostert, L. Improved management of anthracnose of olives through cultivar susceptibility assessment and fungicide sensitivity testing.
P73	<u>Cyster, A.C.</u> , Mostert, D., Viljoen, A. Developing a rapid screening technique to identify banana Fusarium wilt-suppressive soils.