



NATIONAL INSTITUTE FOR OCCUPATIONAL HEALTH RESEARCH DAY: 19 November 2020

PROGRAMME

PROGRAMME DIRECTOR: ASHRAF RYKLIEF		
08h30 – 08h45	REGISTRATION	
08h45 - 10h30	SESSION 1	
08h45 – 08h50	Welcome	Muzimkhulu Zungu NIOH Executive Director (Acting)
08h50-09h00	Introduction	Tanusha Singh NIOH Research Committee Chair
09h00 – 09h45	Keynote presentation: Innovation and the National System	Ben Durham Department of Science and Innovation
09h45 – 10h30	Keynote presentation: Challenges and Opportunities for Occupational health research in Africa	Ehi Iden OSHAfrica
10h30 – 10h45	BREAK	
10h45 – 12h30	SESSION 2	
10h45 – 11h30	Keynote presentation: Innovation and funding opportunities available at the SAMRC	Richard Gordon SAMRC
11h30 – 11h45	Association between bone lead levels and Aggression in the Birth to Twenty Plus Cohort	Nonhlanhla Tlotleng Epidemiology and Surveillance Unit NIOH
11h45 – 12h00	Intracellular uptake and toxicity of gold nanoparticles (AuNPs) in representative cell lines	Millicent Magogotya Toxicology Section NIOH
12h00 – 12h15	Validation of three decontamination methods for respirators used in South Africa to address stock shortages during the COVID-19 Pandemic	Thabang Duba Immunology and Microbiology Section NIOH
12h15 – 12h30	Male and Female Waste Pickers on landfills in Johannesburg, South Africa: Divergence in health, socioeconomic status and chronic diseases	Kerry S Wilson Epidemiology and Surveillance Unit NIOH
12h30 – 13h00	BREAK	

13h00 – 14h00	SESSION 3	
13h00 – 13h15	The status of infection control measures in healthcare facilities in South Africa	Zethembiso Ngcobo Immunology and Microbiology Section NIOH
13h15 – 13h30	MD simulations of G6PD and potential risks using chloroquine/hydroxychloroquine based treatments	Natasha Sanabria Toxicology Section NIOH
13h30 – 13h45	Risk factors for problematic alcohol use among male waste pickers and caddies in Johannesburg, South Africa: A cross-sectional study	Simbulele Mdleleni Epidemiology and Surveillance Unit NIOH
13h45 – 14h00	Do the various hand sanitizers used in Johannesburg, South Africa, during the COVID-19 pandemic contain the recommended concentration and quality of alcohol?	Puleng Matatiele Analytical Services NIOH
14h00 – 14h15	BREAK	
14h15 – 16h00	SESSION 4	
14h15 – 15h05	Poster session	
	Don Jambo:	Assessing the presence SARS-CoV-2 in wastewater and potential health risks to wastewater workers
	Lerato Manamela:	Analytical Services External Quality Assurance Assessment: a snap shot of current performance
	Larissa Singh:	Health risk assessment in occupational settings during non-potable use of harvested rainwater
	Talulani Marageni:	Method for the detection of trichloroacetic acid in urine using UV-VIS spectrophotometer
	Lufuno Muleba:	Assessment of anti-bacterial effectiveness of hand sanitisers commonly used in South Africa
	Mandile Thobela:	Study of the Stability of the Human Carbohydrate Antigen 19-9 Stored at Predefined Storage Conditions in the NHLS Biobank Using Molecular Techniques
15h05 – 15h50	Keynote presentation: The association between silica exposure, silicosis and tuberculosis. A systematic review	David Rees NIOH
15h50 – 16h00	Closing comments & Vote of thanks	Melissa Vetten