NATIONAL INSTITUTE FOR OCCUPATIONAL HEALTH
Division of the National Health Laboratory Service

NATIONAL INSTITUTE FOR OCCUPATIONAL HEALTH
BIENNIAL RESEARCH DAY: 26 NOVEMBER 2026 - VIRTUAL

PROGRAMME

08h00-08h45	**REGISTRATION**	
08h45-08h50	Welcome & General Housekeeping (*Questions in Q&A window; link to webinar content*)	**Dr Melitah Motlhale,** Senior Epidemiologist, NIOH
08h50-09h00	Introduction & Overview	**Prof Spo Kgalamono,** Executive Director, NIOH
09h00-09h05	Academic Affairs and Research	**Dr Babatyi Malope-Kgokong,** National Manager, NHLS
	PLENARY TALKS (Dr Melitah Motlhale)	
09h05-09h35	Keynote speaker 1: **Professor Anja Franken**, A leading Occupational Hygiene academic at North-West University and a member of the Occupational Hygiene and Health Research Initiative.	
09H35-10h05	Keynote speaker 2: **Professor Andrew Curran**, Director of Science and Head of the Science and Engineering Profession at the UK Health and Safety Executive.	
10h05-10h20	**TEA (Sponsors) (virtual posters)**	
	Session 1: Oral Presentations	**Chair X2 Dr Deepna Lakhoo & Ms Tebogo Maeteletja**
10h20-10h35	Quantitative Health Risk Assessment: Winter Indoor Air Quality in Healthcare Facilities in South Africa 2017	Mr Tebogo Nthoke
10h35-10h50	Post-Traumatic Stress Disorder among healthcare workers in public hospitals in Gauteng, South Africa, 2022	Dr Kerry S Wilson
10h50-11h05	The diagnostic performance of minimally invasive tissue sampling for occupational lung disease in deceased South African miners	Mr Radzilani Manenzhe
11h05-11h20	The efficacy of large language models to detect technical errors in occupational hygiene reports according to predefined criteria	Dr Monica Young
11h20-11h45	Analysis of pre-analytical errors at the somatic cell genetics unit laboratory: a retrospective data analysis	Dr Khemisi Mmakgabu
11h45-12h00	Occupation and Female Breast Cancer Mortality in South Africa: A Case–Control Study	Ms Tsoseletso Maabela
	Session 1: Sprint Oral Presentations	**Chair X2 Dr Noncy Gomba & Dr Charlene Andraos**
12h00- 12h05	Retrospective analysis of the patterns and factors affecting organophosphate poisoning treatment outcomes at a provincial tertiary hospital in South Africa	Dr Wells Utembe
12h05-12h10	Workplace HIV and TB Programmes for Laboratory Health Workers: A Rapid Review	Ms Selelo Ramahlo
12h10-12h15	Occupational Exposure to Microbial Contaminants Among Street Reclaimers Compared to Street Vendors in an Urban Setting, South Africa	Ms Zubaydah Kirsten
12h15-12h20	Assessment of a 222 nm Far-UVC Germicidal Excimer device in inactivating airborne	Ms Gift Sandhleni

	Mycobacterium tuberculosis in a simulated indoor environment	
12h20- 12h25	Comparison of respirable dust concentrations between gravimetric weighing and real-time dust monitoring equipment in non-mining industries	Ms Lerato Sebola
12h25- 12h30	An evaluation of practices to prevent blood-borne diseases among healthcare workers from selected hospitals in Johannesburg, South Africa	Dr Wells Utembe
	Sponsors	
12h30- 12h35	Sponsor 1	**Mr Jiya John**, Merck group
12h35- 12h40	Sponsor 2	**Mr Lindsay Dube**, Inqababiotec
12h40- 12h45	Sponsor 3	**Mr Joan Smith**, Scientificgroup
12h45-13h30	**LUNCH (Sponsors) (virtual posters)**	
	Session 2: Oral Presentations	**Chair x2 Dr Jeanneth Manganyi & Ms Murendeni Manavhela**
13h30-13h45	Evaluation of Organisational Capacity-Building and Occupational Hygiene Competencies Among Occupational Health and Safety Inspectors in the Department of Employment and Labour	Ms Bulelwa Daniswa Denise Huna
13h45-14h00	Self-Reported Workplace Injuries among Informal Waste Pickers in Landfill Sites in Johannesburg, South Africa	Mr Hlologelo Ramatsoma
14h00-14h15	Occupation-related musculoskeletal disorders: The prevalence and associated risk factors among dentists in Gauteng province, South Africa	Ms Janine Lee Rubbi Nunan
14h15-14h30	Presenter 10 Recycling alcohol and xylene in a histology laboratory: Towards sustainable and green laboratory practice	Ms Sharlene Naidoo
	Session 2: Sprint Oral Presentations	**Chair x2 Dr Puleng Matatiele & Ms Angela Mawela**
14h30-14h35	Evaluating the Protective Effects of South African Rooibos (Aspalathus linearis) on Occupational BTEX-Related DNA Damage: An Intervention Study	Ms Millicent Magogotya
14h35-14h40	Developing a National Occupational Health Surveillance Framework for Reporting Occupational Injuries and Diseases in South Africa: A Feasibility Study	Ms Matimba Makhubele
14h40-14h45	Factors associated with in-hospital mortality among health workers and non-health workers with COVID-19 in South Africa, 2020–2022	Mr Jonathan Ramodike
14h45-14h50	Outcome of the occupational health risk assessment conducted on COVID-19 mobile screening and testing laboratories	Ms Dikeledi Singo
14h50-14h55	Utilisation and awareness of HIV and TB workplace health services in the Municipality in Gauteng Province, South Africa	Ms Molebogeng Malotle

14h55-15h30	Price giving Closing comments & Acknowledgments	Dr Melitah Motlhale

Break Sessions Posters Presentations

Poster Presentation Titles	Presenters
The use of Fosfomycin to control contamination in M. tuberculosis culture in Bactec MGIT 960 system	Mrs Palesa Rebaone Malakane
Factors associated with hospital admissions amongst adults living with human immunodeficiency virus (HIV) in Pretoria, South Africa	Dr Khanyisile Mashaba
Evaluation of xCELLigence Real-Time Cell Analysis (RTCA) in Preclinical Cancer Research	Dr Charlene Andraos
The awareness and perception of young females (ages 18 to 24) on the utilization of pre-exposure prophylaxis for HIV/AIDS prevention in the National Technical and Vocational Education and Training (TVET) College	Ms Thembi Mahlangu
Obesity Among School-Going Children Aged 6–16 Years in Maseru, Lesotho	Ms Palesa Mothibeli
Evaluation of the possibility of workplace environmental asbestos contamination and personnel exposure resulting from laboratory processing of asbestos-containing samples	Ms Thembi Mashele
Evaluation of far UV-C (222nm) germicidal excimer device in reducing surface staphylococcus aureus in a laboratory testing facility	Ms Lufuno Muleba
Assessment of the Biodurability of Graphene-Based Materials and Their Potential Interference with Standard Toxicity Assays	Ms Khwezi Ndinga
Assessment of work-related airborne contaminant exposure among petrol attendants in Johannesburg, South Africa	Ms Lebogang Ntlailane
The ergonomic assessment of two different pipette models and their effects on biomechanical, performance, and subjective outcomes	Ms Bonolo Masoka
Exposure to particulate matter, inhalable and respirable dust in a community close to a mine dump in Johannesburg, South Africa	Mr Ngoni Gumbo

** To access **webinar content**: a link will go live on the day and be posted in the chat box for all Attendees to use
Currently, 10 orals, 11 sprint orals, and 11 virtual posters only. (32 submissions)