

**0530 - WORKSHOP 12: AFRICAN MYCOLOGY WORKSHOP** (ID 245)

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**Session Type** WORKSHOP

**Date** Tue, 13.08.2024

**Session Time** 08:00 - 09:30

**Room** SYDNEY 0.10

**Chair(s)** Sarah Ahmed (Netherlands), Harun M. Murithi (Kenya)

**Session Description** Fungi play a pivotal role in ecosystems, influencing nutrient cycling and maintaining ecological balance. However, the intricate interplay of climate change, habitat degradation, and anthropogenic activities disrupts fungal ecology, leading to the emergence of novel pathogens and the alteration of disease dynamics. A profound understanding of the origin, ecology, and diversity of fungi globally is imperative to elucidate disease epidemiology and comprehend pathogen distribution patterns. Notably, the majority of currently known fungal species are described from temperate regions, leaving the rich diversity of African fungi largely overlooked and unexplored. This workshop aims to provide a holistic overview of the latest advancements in African mycology, embracing a One Health approach. By uniting expert across disciplines, the workshop seeks to unravel the mysteries of African fungi and promote a comprehensive One Health strategy for their understanding, preservation, and sustainable application. The event also highlights the recent revival of the African Mycological Association (AfriMA).

**GENETIC DIVERSITY, EVOLUTION, AND DOMESTICATION OF SACCHAROMYCES CEREVISIAE IN AFRICA** (ID 512)

**Presenter** Feng-Yan Bai (China)

.... 08:00 - 08:20

**FUNGAL DISEASES IN ENT SPECIALTY IN NORTH AND EAST AFRICA: AMAZING CASES OF FUNGAL SINUSITIS** (ID 1152)

**Presenter** Sharfi A. Ahmed (Saudi Arabia)

.... 08:20 - 08:40

**DOES CHRONIC ASPERGILLUS SINUSITIS PREDISPOSE FOR NASOPHARYNGEAL CARCINOMA?** (ID 1139)

**Presenter** Sarah Ahmed (Netherlands)

.... 08:40 - 09:00

**DEEP LEARNING AND COMPUTER VISION AS EMERGING OPPORTUNITY FOR ACCURATE IDENTIFICATION OF CLINICAL FUNGI** (ID 1210)

**Presenter** Johannes Benjamin Stielow (Germany)

.... 09:00 - 09:20

**Q&A** (ID 2266)

.... 09:20 - 09:30