**NVMy Fungal Update 2022 (March 17th, 2022)**

Registration: <https://congresscare.eventsair.com/nvmy---mycology-update/registratie-deelnemer>

(Accreditation has been applied for: Dutch Internists Association (NIV), Dutch Society for Medical Microbiology (NVMM) and Hospital pharmacists (NVZA)).

Location: Paushuize, Utrecht (<https://www.heirloom.nl/locaties/paushuize/>)

09.00 – 09.30u **COFFEE/REGISTRATION**

09.30 – 09.35u **OPENING**

09.35 – 09.55u Some thoughts on the species complex (Sybren de Hoog, Radboudumc)

09.55 – 10.15u Secretome of clinical and environmental *Fonsecaea* species (Anamelia Bocca, Brasilia, Brazil)

10.15 – 10.40u Mucormycosis in Germany: taxonomy, epidemiology and diagnositics of the main causative agents (Grit Walther, National Reference Center for Invasive Fungal Infections, Jena, Germany)

10.40 – 11.05u Update on recent ECMM Guidelines (Oliver Cornely, University Hospital, Cologne, Germany)

11.05 – 11.30u **BREAK**

11.30 – 11.55u New fungal diagnostics (Lewis White, Cardiff, UK)

11.55 – 12.20u New antifungals under development and in clinical trials (Röger Bruggeman, Radboudumc)

12.20 – 12.45u COVID-19 and *Aspergillus* infections (Jean-Pierre Gangneux, Rennes, France)

12.45 – 13.30u **LUNCH**

13.30 – 17.00u **15-minutes talks (2 parallel sessions**)

**Parallel 1**

13:30-13:45u Improving molecular diagnostics for eumycetoma (Mickey Konings, ErasmusMC)

13:45-14:00u *Malassezia* bloodstream infections: an underestimated phenomenon?(Bart Theelen, Westerdijk Institute)

14:00-14:15u Detection of genotypes in *Trichophyton mentagrophytes* complex: a proposal for handling biodiversity in dermatophytes (Chao Tang, Radboudumc)

14:15-14:30u Sexual recombination in *Madurella mycetomatis* (Bertrand Nyuykonge, ErasmusMC)

14:30-14:45u *Galleria mellonella* larvae for the study of fungal pathogens(Auke de Jong, Westerdijk Institute)

14:45-15:00u Genetic and phenotypical diversity of fecal *Candida albicans* strains in Irritable Bowel Syndrome (Isabelle van Thiel, Westerdijk Institute)

**15:00-15:30u BREAK**

15:30-15:45u Whole genome sequencing of *A. fumigatus* (Bernard Pater, Radboudumc)

15:45-16:00 Genetic manipulation of *Madurella mycetomatis*, the main causative agent of human mycetoma (Saskia du Pre, ErasmusMC)

16:00-16:15 Molecular mechanisms of 5FC resistance in *Cryptococcus neoformans* (Fatima Zohra Delma, Radboudumc)

16:15-16:30 MycetOS 2.0: The latest advances in open drug discovery for eumycetoma (Ma Jingyi, ErasmusMC)

**Parallel 2**

13:30-13:45 Comparison of microbiological diagnostics in two cases of invasive mucormycosis (Tjomme van der Bruggen, UMC Utrecht)

13:45-14:00 Better together! (Andrea Bruning, AUMC, Amsterdam)

14:00-14:15 Comparison of the PneumoGenius® and RealStar® *Pneumocystis jirovecii* PCR CE-IVD assays with a lab developed test for the detection of *Pneumocystis jirovecii* (Roel Nijhuis, MeanderMC Amersfoort)

14:15-14:30 Olorofim and acquired resistance (Jochem Buil, Radboudumc)

14:30-14:45 Neutrophil function at end of neutropenia in a patient with systemic fusariosis (Pieter-Jan Haas, UMC Utrecht)

14:45-15:00 Validation of 2020 ISHAM/ECMM CAPA case definition (Mehmet Ergun, Radboudumc)

**15:00-15:30 BREAK**

15:30-15:45 Implementation of a radiology based approach for fungal infections in patients with neutropenic fever (Reinier Raymakers, UMC Utrecht)

15:45-16:00 Intensified surveillance of azole-resistant invasive aspergillosis (Rebecca van Grootveld, RIVM/ LUMC)

16:00-16:15 Evolution of azole resistance variants in *A. fumigatus* (Yinggai Song, Radboudumc)

16:15-16:30 SNP impact on antifungal resistance in *Sporothrix brasiliensis* (Amanda Bombassaro, Radboudumc)