

Working Group sessions ISHAM Tokyo

Working Group Fungal Rhinosinusitis:

Chairpersons: Arunaloke Chakrabarti, David Denning

Arunaloke Chakrabarti

Categories of fungal rhinosinusitis including the problem of AFRS/EFRS/EMRS

Walter Buzina

Special staining techniques to identify fungus in fungal rhinosinusitis

Jens Ponikau

Novel biomarkers in fungal rhinosinusitis

David Denning

Consensus and discussion: what have we achieved

Working Group Black Yeasts

Chairpersons: Sybren de Hoog, Ruo-yu Li

Shuwen Deng^{1,2}, A.H.G. Gerrits van den Ende², A. Ram³, M. Arendhorst³, Hanhua Hu⁵ and G.S. de Hoog².

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³Institute of Biology Clusius Laboratory, Leiden, The Netherlands; ⁴Institute of Biodiversity and Ecosystem Dynamics, University of Amsterdam, Amsterdam, The Netherlands; ⁵ Xinjiang Medical University, Urumqi, Xinjiang, China

Evolution of CDC42-1, a putative virulence factor triggering meristematic growth in black yeasts

M. Sudhadham^{1,2}, A.H.G. Gerrits van den Ende¹, S.B.J. Menken², P. Sihanonth³, A. van Belkum⁴, G. Haase⁵ and G.S. de Hoog^{1,2}

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⁵Institute for Medical Microbiology, University Hospital RWTH Aachen, Aachen, Germany

Ecological fitting and evolution of the black yeast *Exophiala dermatitidis*, a neurotropic opportunist in humans

G. Haase¹ and G.S. de Hoog²

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Analyses of the putative secondary structure of the ITS2 of Herpotrichiellaceae

S.J. Taj Aldeen¹, M. Almaslamani², A. Alkhal², I. Al Bosom², S. El Shafie¹, N. Al-Ansari¹, A.M. Romanelli⁴, B.L. Wickes⁴, A. Fothergill⁵ and D.A. Sutton⁵

¹Mycology Unit, ¹Microbiology Division, ³Histopathology Division, Department of Laboratory Medicine and Pathology, and ²Infectious Disease Division, Department of Medicine, Hamad Medical Corporation, P.O. Box 3050 Doha, Qatar. ⁴Department of Microbiology and ⁵Pathology, University of Texas Health Science Center at San Antonio, San Antonio, Texas, U.S.A.

Cerebral phaeohyphomycosis due to *Rhinocladiella mackenziei* (formerly *Ramichloridium mackenziei*)

H. Badali^{1,2}, G.S. de Hoog¹, I. Breuker-Curfs³, M. Heep⁴ and J.F. Meis³

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In vitro activities of conventional and new antifungal drugs against *Rhinocladiella mackenziei* an agent of cerebral phaeohyphomycosis

Working Group Chromoblastomycosis

Chairpersons: Roxana Vitale, Flavio Queiroz-Telles

F. Queiroz-Telles

Departamento de Saude Comunitária e Serviço de Infectologia do Hospital de Clinicas, Universidade Federal do Paraná, Curitiba, PR, Brazil

The clinical polymorphism of chromoblastomycosis lesions

M.J. Najafzadeh^{1,2,3}, C. Gueidan¹, H. Badali^{1,2}, A.H.G. Gerrits van den Ende¹, Lian Xi⁴ and G.S. de Hoog^{1,2}
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Genetic diversity and species delimitation in the opportunistic genus *Fonsecaea*

R.G. Vitale

Consejo Nacional de Investigaciones Cientificas y Tecnologicas (CONICET) and Hospital JM Ramos Mejia, Buenos Aires, Argentina

Overview of the recent work in antifungals with strains isolate from patients with chromoblastomycosis

Liyan Xi¹, Zhi Xie¹, Jiufeng Sun¹, Junmin Zhang¹, Changming Lu¹, Xiqing Li¹, G.S. de Hoog^{2,3}
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Biodiversity of *Fonsecaea* in China and a chromoblastomycosis model in Wistar rat

Working Group Fungiscope

Chairpersons: Prof. Dr Oliver A. Cornely, Dr Maria J.G.T. Rüpung

0:00 – 0:02 **Opening Welcome**

O.A. Cornely

0:02 – 0:12 **Refresher: Study architecture and protocol**

M.J.G.T. Rüpung

0:15 – 0:25 **ClinicalSurveys.net – the technology behind Fungiscope™**

J.J. Vehreschild

0:28 – 0:38 **Principles of collaboration: Authorship and local groups**

M.J.G.T. Rüpung

0:41 – 0:50 **Under the Fungiscope: Zygomycetes**

J.J. Vehreschild

Working Group Mycetoma

Chairpersons: Wendy van de Sande, Ahdallah O.A. Ahmed

Abdalla Ahmed, Wendy W.J. van de Sande, A.H. Fahal, Irma A.J.M. Bakker-Woudenberg, A. van Belkum
Eumycetoma: an overview

Wendy W.J. van de Sande, Abdalla Ahmed, A.H. Fahal, Irma A.J.M. Bakker-Woudenberg, A. van Belkum
Melanin biosynthesis in *Madurella mycetomatis*: implications for rational therapy

Andrew M. Borman, Marie Desnos-Ollivier, Sarah-Jane Miles, Christopher J. Linton, Colin K. Campbell,
Paul D. Bridge, Eric Dannaoui, Elizabeth M. Johnson

Molecular Characterisation of the *Madurella grisea* complex reveals at least three new taxa associated with human mycetomas

Wijesuriya T, Gardam DJ, Pryce TM, Ellis DH, de Hoog GS, Harrak J, Heath CH

Mycetoma due to a novel species of *Pleurostomophora* in an indigenous woman from the Kimberley region of Western Australia.

Working Group *Pseudallescheria* / *Scedosporium* Infections:

Chairpersons: Josep Cano, Monica Slavin

K. Tintelnot, E. Antweiler, W. Altmann and W. Pohl

Robert Koch-Institut, Berlin, Germany

Keeping an eye on environmental sources for *Scedosporium* species

Sharon Chen¹, Christopher Blyth¹, Azian Harun¹, Christopher Heath², Peter Middleton¹, Tania Sorrell¹, Arlo Upton³, David Ellis⁴, Wieland Meyer¹ and Monica Slavin⁵

¹*Westmead Hospital, Sydney, Australia*, ²*Royal Perth Hospital, Perth, Australia*, ³*Middlemore Hospital, New Zealand*, ⁴*Women's and Children's Hospital, Adelaide*, ⁵*Peter MacCallum Cancer Centre, Melbourne, Australia*

***Scedosporium aurantiacum*: an emerging pathogen in Australia and New Zealand?**

M. Lackner^{1,2}, J. Kaltseis², A.H.G. Gerrits van den Ende³ and Sybren de Hoog^{3,4}

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Barcoding of the therapy-refractory species of *Pseudallescheria* and *Scedosporium*

J. Cano, J. Gené and J. Guarro

Universitat Rovira i Virgili, Reus, Spain

Molecular phylogeny of *Pseudallescheria*

Saad J. Taj-Aldeen¹, Wamedh S. Taj-Aldeen², Josep Guarro³, José F Cano³, Sittana El Shafie¹

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²Department of Medicine, Hamad Medical Corporation, P.O.Box 3050, Doha, Qatar, ³Unitat de Microbiologia, Facultat de Medicina i Ciències de la Salut, Universitat Rovira i Virgili, Spain

Osteomyelitis caused by *Scedosporium apiospermum* in an immunocompetent patient

Working Group Zygomycosis, a Global Registry

Chairpersons: G. Petrikkos, E. Roilides

A. Chakrabarti (India)

Zygomycosis in tropical areas: Experience from India.

R. Vitale (Argentina)

South America: what epidemiological data do we have?

J.L. Rodriguez-Tudela (Spain)

Sensitivity testing of zygomycosis.

A. Balajee (U.S.A.)

Molecular diagnosis of zygomycosis.

G. Petrikkos (Greece)

A global registry for Zygomycosis: Results from the first ECMM study and plans for the future.

Working Group Malassezia Epidemiology and Pathobiology

Chairpersons: A. Velegaki

T. Boekhout (The Netherlands)

Update on dandruff-associated *Malassezia* genomes.

A Espinel-Ingroff (U.S.A.)

Developments in *Malassezia* susceptibility testing.

A Velegaki (Greece)

Discussion and action plan.