

# 10<sup>th</sup> ADVANCES AGAINST ASPERGILLOSIS AND MUCORMYCOSIS

Wednesday 2 + Thursday 3 February 2022

VIRTUAL EVENT



POSTER NUMBER	ABSTRACT TITLE & AUTHORS
6	<b>Prognostic utility of glycemic trends in patients with hematologic malignancy and mucormycosis</b> A Franklin*, S Wurster, DB Axell-House, Y Jiang, DP Kontoyiannis
8	<b>Pulmonary mucormycosis. Findings in high resolution computerized tomography: experiences from a Vietnamese tertiary hospital</b> NTB Ngoc*, LN Huy, P Michel
16	<b>Chronic pulmonary aspergillosis among presumed tuberculosis patients at a tertiary hospital in Ghana</b> BK Ocansey*, A Adjei, H Gbadamosi, C Kosmidis, J Afriyie-Mensah, JO Opintan, DW Denning
19	<b>Cutaneous mucormycosis in a kidney transplant patient: a case report</b> A Azzabi, O Mahfoudh, N Ben Aicha, W Sahtout, A Ayadi, Z Lajmi, M Smida, H Chouaieb, M Chatti, S Ismail, R Boukadida, F Sabri, S Ben Amor, D Zellama, S Hmissa, H Kochtali, A Fathallah*, Y Guedri, A Achour
23	<b>Siderophore-based non-invasive differentiation of <i>Aspergillus fumigatus</i> colonization and invasion in pulmonary aspergillosis</b> D Luptáková*, RH Patil, R Dobiáš, DA Stevens, T Pluháček, A Palyzová, A Škríba, V Havlíček
24	<b>Primary cutaneous aspergillosis with secondary pulmonary dissemination</b> H Jaziri*, I Khammari, W Chenbah, B Achour, A Khelif, A Fathallah
28	<b>Siderophore-based monitoring of posaconazole therapy in a rat model of invasive pulmonary aspergillosis</b> J Houst*, A Skriba, A Palyzova, T Pluhacek, M Petrik, V Havlicek
32	<b>Development of a novel qPCR, using mitochondrial genes for the detection of mucormycosis</b> L Petric*, K Rosam, T van Rens, F Hagen, M Lackner
39	<b>Virus infection impairs fungal response to stress: effect of salt</b> DA Stevens*, I Kotta-Loizou, M Martinez, RHA Coutts, G Sass
42	<b>Mycotoxin secretion by <i>Aspergillus fumigatus</i> as a response to mycovirus infection</b> RH Patil*, I Kotta-Loizou, A Palyzová, T Pluháček, R Coutts, DA Stevens, V Havlíček
43	<b>COVID-19 associated pulmonary aspergillosis isolates exhibit high genomic heterogeneity but are more similar to each other in their response to infection-relevant stresses</b> ME Mead*, PA de Castro, JL Steenwyk, M Hoenigl, J Prattes, R Rautemaa-Richardson, CB Moore, C Lass-Flörl, JP Gagneux, H Guegan, N Van Rhinj, A Rokas, GH Goldman, S Gago
45	<b>The transcription factor ZfpA is a global regulator essential for proper hyphal development in <i>Aspergillus fumigatus</i></b> DG Calise*, JW Bok, NP Keller
48	<b>GAG, a polysaccharide cytotoxin?</b> CA Zacharias*, FN Gravelat, FA Le Mauff, H Liu, SG Filler, DC Sheppard
54	<b>Potentially voriconazole resistant environmental <i>Aspergillus</i> strains in the Basque Country</b> S Cendon-Sanchez*, U Perez-Cuesta, E Pelegri-Martinez, X Gुरुceaga, G Gonzalez-Otero, I Buldain, A Antoran, A Ramirez-Garcia, A Abad-Diaz-de-Cerio, A Rementería
57	<b>Commercial tea samples: a natural health ally or an <i>Aspergillus</i> infusion?</b> B Gomes*, M Dias, R Cervantes, L Aranha Caetano, C Viegas

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58	<b>Are we neglecting the importance of azole resistance screening in indoor air quality assessments?</b> C Viegas*, B Almeida, B Gomes, M Dias, R Cervantes, L Aranha Ceatano
67	<b><i>Aspergillus fumigatus</i> persistence in cystic fibrosis: adaptation to hypoxia and osmotic stress through in-host HOG pathway mutation</b> BS Ross*, LA Lofgren, A Ashare, JE Stajich, RA Cramer
76	<b>The role of the complement system in a murine model of disseminated mucormycosis</b> V Harpf*, L Riepl, G Rambach, V Fleischer, C Lass-Flörl, R Würzner, C Speth
78	<b>Establishment of a pathophysiologically relevant post-influenza aspergillosis model in corticosteroid-immunosuppressed mice</b> S Wurster*, JP García, ND Albert, S Evans, DP Kontoyiannis
83	<b>Isoeugenol modulates expression pattern of transcriptional regulators <i>MedA</i>, <i>SomA</i> and conidial hydrophobin gene <i>RodA</i> in <i>Aspergillus fumigatus</i></b> L Gupta*, P Vijayaraghavan
89	<b>Targeted delivery of antifungal liposomes to <i>Rhizopus delemar</i></b> QJ Choudhury*, S Ambati, X Lin, ZA Lewis, RB Meagher
90	<b>Treatment of aspergillosis, candidiasis, and cryptococcosis with DectiSomes</b> ZA Lewis, RB Meagher*, S Ambati, X Lin
91	<b>Anti-PD1 plus interferon-<math>\gamma</math> associated with antifungal therapy in the treatment of refractory Covid-associated pulmonary aspergillosis and cerebral mucormycosis</b> AS Serris*, FU Uhel, GMB Martin-Blondel, OL Lambotte, MEB Bognoux, EL Litvinova, AO Ouedrani, CR Rouzaud, VB Bedarida, JHR Raphalen, FL Lanternier
93	<b>Targeting <i>Aspergillus fumigatus</i> hypoxia response pathways to potentiate contemporary antifungal therapies</b> C Gutierrez Perez*, S Dhingra, SM Kwansy, TJ Opperman, RA Cramer