



10th ADVANCES AGAINST ASPERGILLOSIS AND MUCORMYCOSIS

Wednesday 2 + Thursday 3 February 2022

VIRTUAL EVENT



VIRTUAL POSTER SESSION INDEX

POSTER NUMBER	ABSTRACT TITLE & AUTHORS	POSTER ROOM FLOOR NUMBER	POSTER ROOM TABLE NAME	POSTER SESSION DAY 1	POSTER SESSION DAY 2
1	New modeling approach for chronic pulmonary aspergillosis (CPA) in the context of pulmonary tuberculosis DW Denning*	1	Poster 1	2	4
2	Prevalence of pathogenic <i>Aspergillus</i> species in atmosphere during ten years (2011-2021) in Kathmandu, Nepal U Shrestha Khwakhali*, DW Denning	1	Poster 2	1	6
3	First case report of aspergillosis in hematological malignancy patients at King Abdulaziz Hospital, Jeddah, Saudi Arabia A Khateb*, A Barefah, S Bahashwa, O Radwi, E Azhar	1	Posters 3 + 4	2	4
4	First case report of aspergillosis in COVID19 patients in Medina, Saudi Arabia A Khateb*, F Alof, A Almutairi	1	Posters 3 + 4	2	4
5	Taking a closer look: clinical and histopathological characteristics of culture-positive versus culture-negative pulmonary mucormycosis A Spallone*, CA Moran, S Wurster, DB Axell-House, DP Kontoyiannis <i>This abstract has also been selected for Oral Presentation</i>	1	Poster 5	3	5
6	Prognostic utility of glycemic trends in patients with hematologic malignancy and mucormycosis A Franklin*, S Wurster, DB Axell-House, Y Jiang, DP Kontoyiannis	1	Poster 6	3	5
7	An observational study on the epidemiology, risk factors, management and outcomes of COVID-19 associated mucormycosis in Imam Khomeini Hospital complex, Tehran, Iran S Khodavaissy*, MR Salehi, L Alcazar-Fuoli, SJ Hashemi, F Pakdel, A Tabari, F Ahmadkhani, A Abdollahi, SA Dehghan Manshadi, R Daie Ghazvini, MJ Buitrago, JC Soto-Debran, K Ahmadiakia, M Abdorahimi, A Elmimoghaddam, P Afarinesh, RS Kiyaeie	1	Poster 7	2	4
8	Pulmonary mucormycosis. Findings in high resolution computerized tomography: experiences from a Vietnamese tertiary hospital NTB Ngoc*, LN Huy, P Michel	1	Poster 8	1	6
9	The hidden threat of COVID-19: mucormycosis S Kömür*, B Kurtaran, AS İnal, F Kuşcu, A Candevir, Y Taşova	1	Poster 9	2	4

POSTER NUMBER	ABSTRACT TITLE & AUTHORS	POSTER ROOM FLOOR NUMBER	POSTER ROOM TABLE NAME	POSTER SESSION DAY 1	POSTER SESSION DAY 2
10	Challenges faced in managing the rhino-cerebral mucormycosis during COVID-19 pandemic in resource limited settings GPS Gunaratna*, KMT Bandara, PSMJU Samarakoon, MM Jayasinghe, D Jayasekera, PI Jayasekera, NS Chandrasiri	1	Poster 10	1	6
11	Chronic rhino-orbito-cerebral mucormycosis: a case report I Dhib*, A Yaacoub, M Bellakhdhar, N Ben Messoud, R Mooatamri, M Abdelkéfi, H Khochtali, A Fathallah	1	Poster 11	2	4
12	Occurrences of cryptic <i>Aspergillus</i> species and <i>Talaromyces marneffe</i> in severe chronic pulmonary aspergillosis patients from Indonesia: a case series AR Rozaliyani*, FS Setianingrum, AA Abdullah, SA Azahra, AEF Fatril, HR Rosianawati, EB Burhan, DH Handayani, MT Tugiran, RA Adawiyah, RS Syam, RW Wahyuningsih, HW Wibowo, CK Kosmidis, DW Denning	1	Posters 12 + 13	1	6
13	Impact of positive <i>Aspergillus</i> antibody on quality-of-life of patients with smear and/or Genxpert negative pulmonary tuberculosis AR Rozaliyani*, FS Setianingrum, TD Damayanti, ARA Arifin, FI Isbaniyah, DB Bahtiar, RR Ramdhani, SD Dhunny, PA Astuti, FN Nandipinto, RA Adawiyah, MT Tugiran, RS Syam, HW Wibowo, CK Kosmidis, DWD Denning	1	Posters 12 + 13	1	6
14	Cerebral mucormycosis: a national study (France, 2005-2020) CD de La Porte*, CP Provost, AS Serris, AC Coste, MB Bougnoux, RB Herbrecht, VB Bru, FA Ader, FP Persat, EC Canet, FM Morio, BD Denis, AA Alanio, LL Lelièvre, SC Cassaing, RS Sonnevile, LM Millon, OL Lortholary, ON Naggara, FL Lanternier, French Cerebral Mucormycosis Study Group	1	Poster 14	2	4
15	Mucormycosis in changed circumstances: unabated scourge of an ongoing Covid 19 pandemic in India J Chander*	1	Poster 15	1	6
16	Chronic pulmonary aspergillosis among presumed tuberculosis patients at a tertiary hospital in Ghana BK Ocansey*, A Adjei, H Gbadamosi, C Kosmidis, J Afriyie-Mensah, JO Opintan, DW Denning	1	Poster 16	2	4
17	COVID-19 associated mucormycosis from India: a multicentric study on clinical profile, risk factors, cumulative mortality and factors affecting outcome C M Sahu*, M Shah, MV Rao, VR Kola, HK Boorugu, AR Punjani, RV Kumar, S Kumar, M Manusrut, RK Rathod, HK Gonuguntla, GK Yedlapati, GR Mallu, YS Reddy, RN KomalKumar, GS Jaishetwar, KR Balasubramoniam, SCR Kumar, B Nagaraju, PR Sahoo	1	Poster 17	1	6
18	Bilateral invasive <i>Aspergillus</i> otomycosis in a diabetic patient: a case report M Smida, A Meherzi, H Chouaieb, M Chatti, M Ben Seif, R Hajlaoui, M Abdelkefi, A Fathallah*	1	Posters 18 - 20	2	4
19	Cutaneous mucormycosis in a kidney transplant patient: a case report 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	1	Posters 18 - 20	2	4
20	Chronic pulmonary aspergillosis (CPA) in a patient suffering from granulomatosis with polyangiitis (GPA): a case report A Knaz, A Omrane, H Chouaieb, M Chatti, R Mrassi, S Ismail, M Ben Seif, W Benzarti, MA Ayed, A Abdelghani, A Hayouni, S Aissa, I Gargouri, A Fathallah*	1	Posters 18 - 20	2	4

POSTER NUMBER	ABSTRACT TITLE & AUTHORS	POSTER ROOM FLOOR NUMBER	POSTER ROOM TABLE NAME	POSTER SESSION DAY 1	POSTER SESSION DAY 2
21	Epidemiologic spectrum of <i>Aspergillus</i> involved in mycosis in region of Monastir, Tunisia: a 5 year retrospective study Y Bahri*, S Ben.Belgacem, Y Maatouk, A Ben.Salah, M Mastouri	2	Posters 21 + 22	2	4
22	The epidemiological characteristics of otomycosis in Monastir: a 5 years retrospective study (2016-2020) Y Bahri*, S Ben.Belgacem, Y Maatouk, A Ben.Salah, M Mastouri	2	Posters 21 + 22	2	4
23	Siderophore-based non-invasive differentiation of <i>Aspergillus fumigatus</i> colonization and invasion in pulmonary aspergillosis D Luptáková*, RH Patil, R Dobiáš, DA Stevens, T Pluháček, A Palyzová, A Škríba, V Havlíček	2	Poster 23	1	4
24	Primary cutaneous aspergillosis with secondary pulmonary dissemination H Jaziri*, I Khammari, W Chenbah, B Achour, A Khelif, A Fathallah	2	Poster 24	2	4
25	Research on the diagnostic performance of several different galactomannan methodologies for invasive aspergillosis QQ Zhang*	2	Posters 25 + 26	1	6
26	Clinical performance evaluation of a novel monotest glactomannan detection in the diagnosis of invasive aspergillosis QQ Zhang*	2	Posters 25 + 26	1	6
27	Access to diagnostics for aspergillosis in Africa ES Orefuwa, R Penney, DW Denning*	Poster withdrawn	Poster withdrawn	2	4
28	Siderophore-based monitoring of posaconazole therapy in a rat model of invasive pulmonary aspergillosis J Houst*, A Skriba, A Palyzova, T Pluhacek, M Petrik, V Havlicek	2	Poster 28	1	4
29	Invasive necrotic maxillo-nasal aspergillosis in a child with bone marrow aplasia: a case report Y Bahri, S Ismail, N Ben Sayed, W Chambah, M Chatti, H Chouaieb, N Sassi, Y Ben Youssef, B Sriha, H Regaieg, B Achour, M Mokni, A Khelif, A Fathallah*	2	Posters 29 + 30	2	4
30	Fungal infections in patients with COVID 19. Retrospective study on 65 cases M Chatti, S Ismail, H Chouaieb, M Ben Seif, R Mrassi, I Khammari, A Fathallah*	2	Posters 29 + 30	2	4
31	Diagnosis of COVID-19 associated pulmonary aspergillosis among mechanically ventilated COVID-19 patients using Galactomannan Lateral Flow Assay and culture MT Hedayati*, M Ghazanfari, A Arastehfar, L Davoodi, J Yazdani Charati, M Hoenigl, W Pan <i>This abstract has also been selected for Oral Presentation</i>	2	Poster 31	2	4
32	Development of a novel qPCR, using mitochondrial genes for the detection of mucormycosis L Petric*, K Rosam, T van Rens, F Hagen, M Lackner	2	Poster 32	1	4

POSTER NUMBER	ABSTRACT TITLE & AUTHORS	POSTER ROOM FLOOR NUMBER	POSTER ROOM TABLE NAME	POSTER SESSION DAY 1	POSTER SESSION DAY 2
33	Detection and identification of mucormycosis agents in native and formalin-fixed paraffin-embedded tissue samples of patients with mycosis using multiplex real time PCR S Ignatyeva*, T Bogomolova, Y Avdeenko, S Khostelidi, O Shadrivova, Y Borzova, I Zuzgin, J Chudinovskikh, M Motalkina, M Popova, O Uspenskaya, N Klimko, N Vasilyeva	2	Poster 33	2	4
34	A high incidence of mucormycosis among patients with COVID-19, northeastern Iran SS Mojtahedi, H Zarrinfar*, MJ Najafzadeh, M Bakhshaei	2	Posters 34 + 35	2	4
35	Molecular identification of <i>Aspergillus</i> species in bronchoalveolar lavage specimens of susceptible children with respiratory disorders E Kashefi, SJ Seyedi, H Zarrinfar*, AM Fata, H Mehrad-Majd, MJ Najafzadeh	2	Posters 34 + 35	2	4
36	<i>Aspergillus rhinosinusitis</i> among patients with COVID-19, northeastern Iran SS Mojtahedi*, H Zarrinfar, MJ Najafzadeh, M Bakhshaei	2	Poster 36	2	4
37	Cross-reactivity of an <i>Aspergillus</i> spp. quantitative PCR based on an 18S rRNA probe; experience of the Mycology Reference Centre Manchester E Bradshaw, P Chandorkar, E Hopwood, E Kington, MD Richardson, R Rautemaa-Richardson, L Novak Frazer*	2	Poster 37	1	4
38	<i>Aspergillus fumigatus</i> pan-genome analysis identifies genetic variants associated with human infection AE Barber*, T Sae-Ong, K Kang, B Seelbinder, J Li, G Walther, G Panagiotou, O Kurzai <i>This abstract has also been selected for Oral Presentation</i>	3	Poster 38	1	4
39	Virus infection impairs fungal response to stress: effect of salt DA Stevens*, I Kotta-Loizou, M Martinez, RHA Coutts, G Sass	3	Poster 39	3	6
40	Germination behaviour and fate of <i>Rhizopus stolonifer</i> in autoclaved and agricultural soil collected from Tea Ecosystem S Debnath*	3	Poster 40	1	6
41	The <i>Aspergillus fumigatus</i> morphogenesis-related kinase, CotA, orchestrates hyphal growth in response to carbon source quality A Martin-Vicente*, AV Nywening, X Guruceaga, H Thorn, J Xie, W Ge, JR Fortwendel	3	Poster 41	3	5
42	Mycotoxin secretion by <i>Aspergillus fumigatus</i> as a response to mycovirus infection RH Patil*, I Kotta-Loizou, A Palyzová, T Pluháček, R Coutts, DA Stevens, V Havlíček	3	Poster 42	1	4
43	COVID-19 associated pulmonary aspergillosis isolates exhibit high genomic heterogeneity but are more similar to each other in their response to infection-relevant stresses ME Mead*, PA de Castro, JL Steenwyk, M Hoenigl, J Prattes, R Rautemaa-Richardson, CB Moore, C Lass-Flörl, JP Gangneux, H Guegan, N Van Rhinj, A Rokas, GH Goldman, S Gago	3	Poster 43	3	5
44	Mycovirus affects biological properties in <i>Aspergillus fumigatus</i> A Ikeda, Y Chiba, SI Urayama, D Hagiwara*	3	Poster 44	1	6

POSTER NUMBER	ABSTRACT TITLE & AUTHORS	POSTER ROOM FLOOR NUMBER	POSTER ROOM TABLE NAME	POSTER SESSION DAY 1	POSTER SESSION DAY 2
45	The transcription factor ZfpA is a global regulator essential for proper hyphal development in <i>Aspergillus fumigatus</i> DG Calise*, JW Bok, NP Keller	3	Poster 45	3	5
46	Characterization of <i>Mucor circinelloides</i> sterol-14-alpha-demethylases expressed in <i>Saccharomyces cerevisiae</i> K Rosam*, M Keniya, L Zenz, C Müller, P Schuchter, L Bachstein, BC Monk, M Lackner	3	Poster 46	1	4
47	<i>Aspergillus fumigatus</i> Septation Initiation Network (SIN) kinases contribute to fungal pathogenesis, cell wall construction, and rRNA metabolism X Gुरुceaga*, A Martin-Vicente, ACO Souza, AV Nywening, H Thorn, J Xie, W Ge, BM Peters, JR Fortwendel	3	Poster 47	3	5
48	GAG, a polysaccharide cytotoxin? CA Zacharias*, FN Gravelat, FA Le Mauff, H Liu, SG Filler, DC Sheppard	3	Poster 48	3	5
49	Relative abundance and geospatial stratification of airborne Mucoromycota is a poor predictor of mucormycosis SK Kutmutia*, SC Chotirmal, MF Fischer, SCS Schuster	3	Poster 49	1	6
50	Characterizing genomic and phenotypic traits of the human pathogen <i>Aspergillus flavus</i> and its non-pathogenic close relatives EA Hatmaker*, M Rangel Grimaldo, RW Bastos, H Pourhadi, S Knowles, K Fuller, G Goldman, N Oberlies, A Rokas	3	Poster 50	3	5
51	Identification of novel transcription factors involved in <i>Aspergillus fumigatus</i> adherence S Liu, Y Abu Yousef, DC Sheppard, S Zhang, F Le Mauff*	3	Poster 51	3	5
52	A mutation in the class III histidine-kinase Bos1 is responsible for <i>Aspergillus fumigatus</i> dicarboximide resistance J Lucio*, I Gonzalez-Jimenez, E Mellado	4	Poster 52	2	4
53	The <i>Aspergillus fumigatus</i> DNA mismatch repair system and its relation with azole resistance I Gonzalez-Jimenez*, J Lucio, A Roldan, L Alcazar-Fuoli, E Mellado	4	Poster 53	2	4
54	Potentially voriconazole resistant environmental <i>Aspergillus</i> strains in the Basque Country S Cendon-Sanchez*, U Perez-Cuesta, E Pelegrí-Martinez, X Gुरुceaga, G Gonzalez-Otero, I Buldain, A Antoran, A Ramirez-Garcia, A Abad-Diaz-de-Cerio, A Rementeria	4	Poster 54	1	4
55	Isolation of <i>Aspergillus fumigatus</i> with Y121H or Y121F single <i>cyp51A</i> mutations after isavuconazole or voriconazole treatment MJ Iglesias-Cabezas*, J Lucio, I González-Jiménez, N Román, M Estopiña-Antolí, J Ayats, MJ Buitrago, E Mellado	4	Poster 55	2	4
56	The <i>Aspergillus fumigatus</i> spindle assembly checkpoint components, <i>sldA</i> and <i>sldB</i>, play roles in maintenance of triazole susceptibility AV Nywening*, AM Vicente, W Ge, JR Fortwendel	4	Poster 56	3	5

POSTER NUMBER	ABSTRACT TITLE & AUTHORS	POSTER ROOM FLOOR NUMBER	POSTER ROOM TABLE NAME	POSTER SESSION DAY 1	POSTER SESSION DAY 2
57	Commercial tea samples: a natural health ally or an <i>Aspergillus</i> infusion? B Gomes*, M Dias, R Cervantes, L Aranha Caetano, C Viegas	4	Poster 57	2	4
58	Are we neglecting the importance of azole resistance screening in indoor air quality assessments? C Viegas*, B Almeida, B Gomes, M Dias, R Cervantes, L Aranha Ceatano	4	Poster 58	1	4
59	<i>Aspergillus</i> sp. distribution on waste collection trucks M Dias*, P Pena, R Cervantes, B Gomes, L Aranha-Caetano, C Viegas	4	Poster 59	2	4
60	Azole-resistance of Mucorales order in three occupational environments and potential health risks for workers LA Caetano*, B Gomes, M Dias, P Pena, R Cervantes, C Viegas	4	Poster 60	1	4
61	Antifungal susceptibility testing of clinical <i>Aspergillus</i> isolates from Saint Petersburg, Russia NV Vasilyeva*, IV Vybornova, SV Kovyrshin, TS Bogomolova, IA Bosak, GA Chilina, OV Shadrivova	4	Poster 61	2	4
62	Stradam, a novel natural antifungal from the Canadian Arctic microbiome EJ Côté*, A Classen, E Marcoléfas, J Ronholm, DC Sheppard, L Whyte, F Le Mauff <i>This abstract has also been selected for Oral Presentation</i>	4	Poster 62	3	5
63	Antifungal activity of nanoparticles of zinc, copper, cerium oxide, silver, gold and selenium against clinical isolates of <i>Aspergillus</i> SH Moghadam*, B Azari, H Zarrinfar, M Darroudi	4	Poster 63	2	4
64	Fungal pathogenesis and treatment through the lens of RNA regulation AA Kelani, A Bruch, C Visser, AA Brakhage, MG Blango*	5	Poster 64	1	4
65	Exploring a novel genomic safe-haven site in the human pathogenic mould <i>Aspergillus fumigatus</i> TF Furukawa*, NvR van Rhijn, JR Rhodes, RFG Fortune-Grant, EB Bignell, MF Fisher, MB Bromley	5	Poster 65	1	4
66	Study of the Afu6g07200 gene of <i>Aspergillus fumigatus</i>: first granulysin activity in fungi? U Perez-Cuesta*, X Gुरुceaga, S Cendon-Sanchez, E Pelegri-Martinez, A Prieto-Fiel, I Buldain, A Antoran, A Ramirez-Garcia, A Abad-Diaz-de-Cerio, A Rementeria	5	Poster 66	1	4
67	<i>Aspergillus fumigatus</i> persistence in cystic fibrosis: adaptation to hypoxia and osmotic stress through in-host HOG pathway mutation BS Ross*, LA Lofgren, A Ashare, JE Stajich, RA Cramer	5	Poster 67	3	5
68	In <i>Aspergillus fumigatus</i>, the mutation in insulin-induced protein (Insig) gene is a novel factor that contributes additively to azole resistance in collaboration with the Cyp51A mutation T Arai*, H Takahashi, Y Kusuya, H Majima, A Watanabe, K Kamei	5	Poster 68	1	6

POSTER NUMBER	ABSTRACT TITLE & AUTHORS	POSTER ROOM FLOOR NUMBER	POSTER ROOM TABLE NAME	POSTER SESSION DAY 1	POSTER SESSION DAY 2
69	Codon optimization and promoter selection facilitates use of <i>Mucor circinelloides</i> for reporter assays to monitor infection and antifungal efficacy U Binder*, MI Navarro-Mendoza, FE Nicolas, C Kandelbauer, R Pfösti, I Bauer, C Lass-Flörl, V Garre	5	Poster 69	1	4
70	Characterisation of MAIT cells in the antifungal immune response in a microfluidic “invasive aspergillosis-on-chip” disease model S Grau, S Hartung, Z Cserenyés, M Hoang, K Rennert, AS Mosig, MT Figge, M von Lilienfeld-Toal, S Jahreis* <i>This abstract has also been selected for Oral Presentation</i>	5	Poster 70	2	4
71	Analysis of chronic biological responses between host and fungus ball using a novel aspergilloma mouse model R Hamashima*, M Tashiro, Y Nakano, N Ashizawa, K Takeda, N Iwanaga, K Nishi, A Fujita, T Takazono, T Tanaka, K Yamamoto, H Liu, Y Komohara, A Furumoto, K Yanagihara, H Mukae, SG Filler, K Takayama, K Izumikawa	5	Poster 71	1	6
72	Immunological relevance of the mammalian receptor G2A in the host response to <i>Aspergillus fumigatus</i> pulmonary infection BN Steffan*, DG Calise, NP Keller	5	Poster 72	3	5
73	Deciphering the mechanisms by which fungal spores drive lung dendritic cell subsets to elicit allergic inflammation J Furlong-Silva*, G Vere, BM Invergo, AR Jeffries, G Brown, E Bignell, PC Cook	Poster Withdrawn	Poster Withdrawn	-	-
74	5-Hydroxytryptamine receptor 1A (5-HT1A) is required for <i>Drosophila melanogaster</i> host defense against <i>Aspergillus fumigatus</i> infection and the mycotoxins it secretes R Yan, AC Chen*, D Ferrandon	5	Poster 74	1	6
75	<i>Aspergillus</i> melanin modulates neutrophil influx into airways through blocking secretion of pro-inflammatory cytokines by human airway epithelial cells JL Reedy*, AJ Crossen, JM Vyas	5	Poster 75	3	5
76	The role of the complement system in a murine model of disseminated mucormycosis V Harpf*, L Riepl, G Rambach, V Fleischer, C Lass-Flörl, R Würzner, C Speth	5	Poster 76	1	4
77	Blockade of the PD-1/PD-L1 immune checkpoint pathway enhances host defense against Mucorales and improves outcomes in a murine model of invasive pulmonary mucormycosis S Wurster*, ND Albert, U Bharadwaj, MM Kasembeli, DP Kontoyiannis	5	Posters 77 + 78	3	5
78	Establishment of a pathophysiologically relevant post-influenza aspergillosis model in corticosteroid-immunosuppressed mice S Wurster*, JP García, ND Albert, S Evans, DP Kontoyiannis	5	Posters 77 + 78	3	5
79	SiRNA-mediated knockdown of CFTR in A549 cells is associated with increased expression of IL-6 and defective killing in response to <i>Aspergillus fumigatus</i> conidia K Earle*, M Bromley, P Bowyer, S Gago	6	Poster 79	1	4

POSTER NUMBER	ABSTRACT TITLE & AUTHORS	POSTER ROOM FLOOR NUMBER	POSTER ROOM TABLE NAME	POSTER SESSION DAY 1	POSTER SESSION DAY 2
80	Mutual inhibition of antifungal and antiviral airway epithelial responses during fungal–viral coinfection P Dancer, A Pickard, W Potocka, K Kadler, M Bertuzzi, S Gago* <i>This abstract has also been selected for Oral Presentation</i>	6	Poster 80	2	4
81	<i>Aspergillus fumigatus</i> hyphal branching mutant shows enhanced susceptibility to host defenses and caspofungin in vivo TJ Schoen*, DG Calise, M Niu, JW Bok, A Huttenlocher, NP Keller	6	Poster 81	3	5
82	Differential inflammatory response of bronchial epithelial cells to <i>Aspergillus fumigatus</i> - <i>Stenotrophomonas maltophilia</i> isolates derived from CF individuals L Roisin, N Hammoudi, L Monpierre, V Balloy, M Blatzer, I Valsecchi, F Botterel*	6	Poster 82	2	4
83	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> L Gupta*, P Vijayaraghavan	6	Poster 83	1	6
84	Evaluation of antifungal drugs by an invasive aspergillosis-on-chip model S Hartung*, TNM Hoang*, Z Cseresnyes*, N Schuck, K Rennert, F Klos, AS Mosig, MT Figge, M von Lilienfeld-Toal	6	Poster 84	2	4
85	Molecular docking analysis of plant-derived small molecules against virulence factors-spore coat protein (CotH3) and high affinity iron permease protein (FTR1) of <i>Rhizopus oryzae</i> H Kamboj*, M Vijay, L Gupta, P Vijayaraghavan	6	Poster 85	1	6
86	Microhemorrhage-associated tissue iron causes macrophage lysosomal leakage and loss, which increases the risk for invasive aspergillosis in a cystic fibrosis mouse model of airway transplantation El Matthaiou*, W Chiu, C Conrad, J Hsu	6	Poster 86	3	6
87	Infection metallomics as a tool for functional studies in <i>Aspergillus fumigatus</i> D Luptakova, RH Patil, V Havlicek*	6	Poster 87	1	4
88	The role of cytochrome c in leukocyte induced <i>Aspergillus fumigatus</i> cell death M James*, KW Liu, E Vesley, T Hohl, RA Cramer	6	Poster 88	3	5
89	Targeted delivery of antifungal liposomes to <i>Rhizopus delemar</i> QJ Choudhury*, S Ambati, X Lin, ZA Lewis, RB Meagher	6	Poster 89	3	5
90	Treatment of aspergillosis, candidiasis, and cryptococcosis with DectiSomes ZA Lewis, RB Meagher*, S Ambati, X Lin	6	Poster 90	3	5
91	Anti-PD1 plus interferon-γ associated with antifungal therapy in the treatment of refractory Covid-associated pulmonary aspergillosis and cerebral mucormycosis AS Serris*, FU Uhel, GMB Martin-Blondel, OL Lambotte, MEB Bougnoux, EL Litvinova, AO Ouedrani, CR Rouzaud, VB Bedarida, JHR Raphalen, FL Lanternier	6	Poster 91	2	4

POSTER NUMBER	ABSTRACT TITLE & AUTHORS	POSTER ROOM FLOOR NUMBER	POSTER ROOM TABLE NAME	POSTER SESSION DAY 1	POSTER SESSION DAY 2
92	Effect of iron on <i>Aspergillus</i> proteases: insight into possible therapeutic target for allergic bronchopulmonary aspergillosis PC Chatterjee*, WC Chiu, EBB Burgener, PLB Bollyky, JH Hsu <i>This abstract has also been selected for Oral Presentation</i>	6	Poster 92	3	6
93	Targeting <i>Aspergillus fumigatus</i> hypoxia response pathways to potentiate contemporary antifungal therapies C Gutierrez Perez*, S Dhingra, SM Kwansy, TJ Opperman, RA Cramer	6	Poster 93	3	5
