Vietual Mantine Title	Subsammittes (SC) on Anti-	·	Control	webs also where also also are				
Virtual Meeting Title:	Subcommittee (SC) on Antif	ungai	Contact:	mhackenbrack@clsi.org				
	Susceptibility Tests	0.00.00.0	Secretary	Camille Hamula, PhD, D(ABMM)				
Meeting Dates and	Wednesday, 9 June 2021 (1	2:00 - 3:00 P	M Eastern [US]	j time)				
Times:	The purpose of this meeting is to discuss subcommittee business.							
Meeting Purpose:								
Requested	SC members, advisors, and re	eviewers, CLSI	staff, Any inte	erested parties				
Attendee(s):								
Con W. Donner MD M		tendee(s):	1					
Gary W. Procop, MD, M	15	Cleveland C	ıınıc					
Chairholder	N.B. Bussia		1 . 1					
Philippe J. Dufresne, P	nD, RMCCM	Institut nati	onal de sante	publique du Québec				
Vice-chairholder								
Camille Hamula, PhD, I		Saskatoon H	ealth Region/l	University of Saskatchewan				
Committee Secretary/	Advisor							
Members:								
Elizabeth Berkow, PhD				and Prevention				
Kimberly E. Hanson, MD				P Laboratories				
Sharon K. Cullen, BS, RA				robiology Business				
Jeff Fuller, PhD, FCCM,	D(ABMM)	London Health Sciences Centre						
Nicole M. Holliday, BA		Thermo Fisher Scientific						
Audrey N. Schuetz, MD,		Mayo Clinic						
Paul E. Verweij, MD, FE		Radboud University Medical Center						
Nathan P. Wiederhold,		University of Texas Health Science Center at San Antonio						
Adrian M. Zelazny, PhD,	, D(ABMM)	National Institutes of Health						
Advisors Present:								
		I Iniversity of	· Wissonsin Mas	disan Madisal Cabaal				
David Andes, MD Andrew M. Borman, BSc	- DhD	University of Wisconsin Madison Medical School Public Health England						
Mariana Castanheira, Ph		JMI Laborato	•					
Jennifer Chau, PhD	ID .							
Tanis Dingle, PhD, D(AB	MM) ECCM	Beckman Coulter, Inc. Alberta Precision Laboratories - Public Health Laboratory						
Mahmoud A. Ghannoum		Case Western Reserve University						
Kerian K. Grande Roche		FDA Center for Drug Evaluation and Research						
Scott B. Killian, BS	, 1110	Thermo Fisher Scientific						
Shawn R. Lockhart, PhD	D(ARMM)							
Amir Seyedmousavi, VM	Centers for Disease Control and Prevention National Institutes of Health							
Ribhi M. Shawar, PhD, D	FDA Center for Devices and Radiological Health							
Sean X. Zhang, MD, PhD	Johns Hopkins University							
Scan A. Zhang, Mb, The	, D(ADMM)	Joinis Hopkii	13 Offiver Sity					
Reviewers and Guests	Present: See attached list							
Staff:								
Glen Fine, MS, MBA, CA	E	CLSI						
Emily Gomez, MS, MLS(A		CLSI						
Marcy L. Hackenbrack,		CLSI						
Christine Lam, MT(ASCP		CLSI						
	/	1						

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Passing Vote Record									
Motion made and seconded Voting Results Page									
To approve the provisional susceptible-only breakpoints and ECVs for rezafungin with the <i>Candida</i> spp. listed and corrections discussed and a footnote regarding a susceptible-only breakpoint.									
	Anidulafu	ngin BPs	Proposed Rezafungin Preliminary BPs	Rezafungin Preliminary ECVs					
Species	Susceptible	Resistant	(Susceptible)	(97.5% or 99%)					
C. albicans	≤ 0.25	≥ 1	≤ 0.25	0.06					
C. glabrata	glabrata ≤ 0.12 ≥ 0.5 ≤ 0.5 0.12								
C. tropicalis	≤ 0.25 ≥ 1 ≤ 0.25 0.12								
C. krusei	≤ 0.25	≤ 0.25 ≥ 1 ≤ 0.25 0.12							
C. parapsilosis	≤ 2	≤ 2 ≥ 8 ≤ 2 4							
C. auris	NA ≥ 4 ≤ 0.5 0.5								
C. dubliniensis ≤0.12 0.12									
To approve the QC strains and MIC ranges (<i>C. albicans</i> ATCC 90028 [0.002-0.016 µg/mL] 8-0-0-1 and <i>C. parapsilosis</i> ATCC 90018 [0.001-0.008 µg/mL] or <i>C. parapsilosis</i> ATCC 22019 [0.008 - 0.06 µg/mL]) recommended for susceptibility testing of VT-1161 (Oteseconazole) with a comment that either <i>C. parapsilosis</i> strain can be used for QC was made and seconded.									
To designate <i>Rhodotorula</i> as intrinsically resistant to fluconazole was made and 9-0-0-0 <u>6</u> seconded.									
To designate <i>L. proli</i> seconded.	ficans as int	rinsically re	esistant to fluconazol	e was made and		9-0-0-0	<u>6</u>		

aVoting Key: W-X-Y-Z (for-against-abstain-absent)

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	SUMMARY MINUTES
#	Description
	M59, M60, and M61 have been recoded as M57S, M27M44S, and M38M51S, respectively. All three
	supplements are currently being revised and expected to publish in late 2021.
4.	BREAKPOINT WG (BPWG) REPORT: REZAFUNGIN BREAKPOINTS (D. Andes)
	WG Roster: David Andes, Andy Borman (Co-Chairholders); Nathan Wiederhold (Secretary); Mariana Castanheira, Kim Hanson (Members); Philippe Dufresne, Gary Procop (Advisors).
	((((()))
	Background
	 Rezafungin is in the echinocandin drug class which has a long history of breakpoint success.
	 Rezafungin is structurally similar to anidulafungin but is modified to have longer half-life.
	 WG looked at 4 sets of data:
	 JMI surveillance/ECV data with CDC C. auris data,
	 Mouse pre-clinical PK/PD data for multiple Candida spp. and rezafungin behaves like other

- Mouse pre-clinical PK/PD data for multiple Candida spp. and rezafungin behaves like other echinocandins.
- o Population PK Monte Carlo simulations,
- Phase 2 clinical data relative to MIC
- MIC distribution for rezafungin aligns well with other echinocandins especially anidulafungin

• BPWG Data Review for C. albicans

- Rezafungin has comparable *in vitro* activity vs *Candida* and *Aspergillus* spp. to approved echinocandins (ie, anidulafungin).
- Rezafungin ECVs for C. albicans were calculated to be in the range of 0.06-0.12 µg/mL.
 - o It was noted that ECVs are generally a single ECV and not a range. As per Ecoffinder, the ECV appeared to be 0.06 μg/mL. For some of the species, there were out of range values and those were deleted. The final proposal was presented on the summary slide.
- The murine PK/PD target studies showed success at all MICs with the highest tested at 0.06 μg/mL.
 The PK/PD target was similar to all other echinocandins.
- Monte Carlo simulations showed C. albicans probability of target attainment (PTA) to be high at MIC of 0.5-1 μg/mL.
- Clinical trial outcomes by pathogen and MIC showed that the clinical experience and success with C. albicans with MICs up to 0.12 μg/mL.
- For C. albicans, the WG proposed an ECV of 0.06 μg/mL and a susceptible BP of ≤0.25 μg/mL.

• BPWG Data Review for C. glabrata

- Rezafungin ECV for C. glabrata was calculated to be 0.12 µg/mL.
- The murine PK/PD target studies showed a significant shift at >0.5 μg/mL.
- Monte Carlo simulations showed C. glabrata PTA at MIC of >1 μg/mL.
- Clinical trial outcomes by pathogen and MIC showed that the clinical experience and success with C. glabrata was up to 0.25 μ g/mL.
- For C. glabrata, the WG proposed an ECV of 0.12 μg/mL and a susceptible BP of ≤0.5 μg/mL.

• BPWG Data Review for C. tropicalis

- Rezafungin ECV for C. tropicalis was calculated to be 0.12 μg/mL.
- The murine PK/PD target studies showed success at all MICs with the highest tested at 0.06 µg/mL.
- Clinical trial outcomes by pathogen and MIC showed that the clinical experience and success with C. tropicalis was up to 0.25 µg/mL.
- For C. tropicalis, the WG proposed an ECV of 0.12 μg/mL and a susceptible breakpoint of ≤0.25 μg/mL.

• BPWG Data Review for C. parapsilosis

- Rezafungin ECV for C. parapsilosis was calculated to be at 4 µg/mL.
- The murine PK/PD target studies showed success at all MICs with the highest tested at 1.0 µg/mL.
- There was no formal Monte Carlo simulation but had a PK/PD target similar to C. albicans and good PTA at 1-2 μg/mL.
- Clinical trial outcomes by pathogen and MIC showed that the clinical experience and success with C. parapsilosis was up to 2.0 μg/mL.
- For C. parapsilosis, the WG proposed an ECV of 4 μg/mL and a susceptible BP of ≤2 μg/mL.

SUMMARY MINUTES

Description

BPWG Data Review for C. dubliniensis

- Rezafungin ECV for C. dubliniensis was calculated to be at 0.12 μg/mL.
- The murine PK/PD target studies showed success at all MICs, with the highest tested at 0.06 µg/mL.
- Clinical trial outcomes by pathogen and MIC showed that the clinical experience and success with C. dubliniensis was up to 0.016 μg/mL.
- For C. dubliniensis, the WG proposed an ECV of 0.12 μg/mL and a susceptible BP of ≤0.12 μg/mL.

BPWG Data Review for C. auris

- There was no formal ECV for C. auris but proposed and ECV of 0.5 μg/mL based on a publication (Berkow E., Lockhart S., DMID 2018;90:196-7).
- The murine PK/PD target studies included FKS mutants and didn't do well with MICs ≥2 µg/mL.
- There was no formal Monte Carlo simulation but had a PK/PD target similar to $\it C.~albicans$ and good PTA at 1-2 $\mu g/mL$.
- For C. auris, the WG proposed a potential ECV of 0.5 (?) μg/mL and a susceptible breakpoint of ≤0.5-1 μg/mL. It was noted that the CDC ECV for anidulafungin is 1 and closely aligned with rezafungin.

• BPWG Data Review for C. krusei

- Rezafungin ECV for C. krusei was calculated to be at 0.12 µg/mL.
- There was no PK/PD pre-clinical data and no Monte Carlo simulation data.
- Clinical trial outcomes by pathogen and MIC showed that the clinical experience and success with C. dubliniensis was up to 0.12 μg/mL.
- For C. krusei the WG proposed a potential ECV of 0.12 μg/mL and a susceptible breakpoint of ≤0.25 μg/mL (corrected during meeting from 0.5).
- Proposed Rezafungin Provisional Breakpoints and ECVs (see corrections from the original presentation in red)

	Anidulafungin BPs		Proposed Rezafungin Anidulafungin BPs Preliminary BPs		Rezafungin Preliminary ECVs
Species	Susceptible Resistant		(Susceptible)	(97.5% or 99%)	
C. albicans	≤ 0.25	≥ 1	≤ 0.25	0.06 or 0.12	
C. glabrata	≤ 0.12	≥ 0.5	≤ 0.5	0.12 or 0.25	
C. tropicalis	≤ 0.25	≥ 1	≤ 0.25	0.12	
C. krusei	≤ 0.25	≥ 1	≤ 0. 2 5	0.12	
C. parapsilosis	≤ 2	≥ 8	≤ 2	4	
C. auris (per CDC)	NA	≥ 4	≤ 0.5 or 1	0.5	
C. dubliniensis			≤0.12	0.12	

SC Discussion

- The ECV WG will look for additional data for the *C. auris* ECV. *C. glabrata* BP is higher to split the difference between the clinical data and the Monte Carlo simulation that suggested MIC of 1.
 Potentially could be revisited in future.
 - o It was noted that rezafungin was tested with C. auris fks mutants and had MICs of 2.0.
 - The tentative CDC BP for anidulafungin and *C. auris* was 4 for resistant, MIC of 2 was no *fks* mutation (for anidulafungin).
 - The BP of 0.5 is likely too conservative and proposed 1 for S, 2 for I and 4 for R.
- It was noted that only the susceptible BPs are listed for Rezafungin but S and R are listed for anidulafungin. It was questioned as to what the proposed R breakpoint is for these organisms. Only the susceptible BP was discussed and no resistant BP was set. It was noted that this has been done before with the echinocandins. As more data is collected, I and R BPs will be added. A comment regarding this situation will be included in the document.
- It was questioned why "per CDC" is listed with the C. auris BP and if this will be stated in the document. The data for C. auris was primarily derived from the CDC.

A motion to approve the provisional susceptible-only breakpoints and ECVs for rezafungin with the *Candida* spp. listed and corrections discussed and a footnote regarding a susceptible-only breakpoint was made and seconded. Vote: 9 for: 0 against: 0 abstain: 0 absent (Pass).

SUMMARY MINUTES

Description

OTESECONAZOLE (VT-1161) QC RANGES (M. Ghannoum)

Background

#

- The objective of the study was to identify candidate QC strains for the susceptibility testing of VT-1161 against yeasts using the CLSI M27-A4 standard.
- Seven laboratories participated in the QC study.
- Six ATCC Candida spp. strains were tested using CLSI methodology.
 - o C. parapsilosis ATCC 22019
 - o C. krusei ATCC 6258
 - o C. albicans ATCC 90028
 - o C. albicans ATCC 24433
 - o C. parapsilosis ATCC 90018
 - C. tropicalis ATCC 750
- $-\,$ The agent was tested in a range of 0.0005-0.25 $\mu g/mL$ and were read at 24 and 48 hrs. incubation at 50% and 100% inhibition.
- Voriconazole was included as an internal control.
- Analysis data for candidate strains were reviewed (see presentation).
- No QC ranges were proposed for C. krusei ATCC 6258 or C. tropicalis ATCC 750.
 - Based on the analyzed data the following recommendations were made:
 - Reading at 50% inhibition following 24 hrs. incubation
 - o C. albicans ATCC 90028 range 0.02-0.016 μg/ml
 - o *C. parapsilosis* ATCC 90018 range 0.001-0.008 μg/ml
 - The QC ranges for voriconazole with C. krusei ATCC 6258 and C. parapsilosis ATCC 22019 were acceptable.

QC Summary

Drug: Oteseconazole	Abbreviation (Glossary): xx	Previous ID: VT-1161)
Solvent (Table xx): DMSO	Diluent (Table xx): RPMI-1640	Preparation: NA
Route of administration (Glossary II): Oral	Class (Glossary xx): Azole	Subclass (Glossary xx): Triazole
Study Report by: Dr. Mahmoud Ghannoum	Pharma Co: Mycovia	Control Drug: Voriconazole

Additional Information (M23 requirements)	Tier 1 Impact Assessment (stability, inoculum, reading, incubation time, cations, zinc, surfactants, etc): None or list those applicable
Footnotes:	Recommendations for Troubleshooting Guide: N/A
Notes	The proposed dosing regimen for the prevention of recurrent vulvovaginal candidiasis is 600 mg Oteseconazole (4x150 mg capsules) on Day 1, 450 mg Oteseconazole (3x150 mg capsules) on Day 2, and on Day 14 being 150 mg Oteseconazole once weekly for 11 weeks.

QC Strain (incubation time/inhibition)	Range	% In	Mode	Dil	Shoulder	Media Mode	Lab Mode	M23 Range	Range Finder	Comments
C. albicans ATCC 90028 (24 hr, 50%)	0.002- 0.016	95.3	0.004	4	82% @ 0.008	2@ 0.004 1@0.008	3@0.004 4@0.008 1@0.0164	0.002- 0.016	NA	Some outliers 5@0.06 and 6@0.12. Recommended strain
C. parapsilosis ATCC 90018 (24 hr, 50%)	0.001- 0.008	99.2	0.004	4	90% @ 0.002	2@0.004 1@0.002	3@0.002, 4@0.004, 1@0.008	0.001- 0.008	NA	Recommended strain
C. parapsilosis ATCC 90018 (24 hr, 100%)	0.004- 0.03	99.6	0.008	4	80% @ 0.016	<u>2@0.008</u> , 1@0.016	5 <u>@0.008</u> , 2 <u>@0.016</u> , 1 <u>@0.03</u>	0.004- 0.03	NA	

	SUMMARY MINUTES											
#		Description										
	C. parapsilosis ATCC 90018 (48 hr, 50%)	0.002- 0.16	97.9	0.008	4	86% @ 0.004	1@0.004, 2@0.008	3 <u>@0.004,</u> 3 <u>@0.008,</u> 2 <u>@</u> 0.016	0.002- 0.16			
	C. parapsilosis ATCC 90018 (48 hr, 100%)	0.008- 0.06	100	0.03	4	95%@ 0.016	<u>1@0.008</u> , 2@0.03	1@0.008, 4 <u>@0.03,</u> 3@0.16	0.008- 0.06	NA		

SC Discussion

- 50% reads were easier to interpret than the 100% reads. Inter lab agreement was better at 24 hrs. than at 48 hrs.
- It was questioned why *C. parapsilosis* ATCC 90018 instead of 22019 as recommended QC isolate. ATCC 90018 showed better agreement than 22019. It was noted that if both QC strains are reasonable, both could be published and note that either could be used as routine QC.
- It was questioned if clinical isolates are supposed to be read at 50% inhibition. All clinical isolates and QC isolates should be read at 50% inhibition at 24 hrs.

A motion to approve the QC strains and MIC ranges ($C.\ albicans$ ATCC 90028 [0.002-0.016 µg/mL] and $C.\ parapsilosis$ ATCC 90018 [0.001-0.008 µg/mL] or $C.\ parapsilosis$ ATCC 22019 [0.008 - 0.06 µg/mL]) recommended for susceptibility testing of VT-1161 (Oteseconazole) with a comment that either $C.\ parapsilosis$ strain can be used for QC was made and seconded. Vote: 8 for; 0 against; 0 abstain; 1 absent (Pass).

- 6. ANTIFUNGAL REPORTING WG REPORT FOR INTRINSIC RESISTANCE (IR) SUBGROUP (A. Schuetz)
 WG Roster: Audrey Schuetz, Vera Tesic (Co-Chairholders); Tanis Dingle (Secretary); Kim Hanson, Stephanie Mitchell,
 Natasha Pettit, Priyanka Uprety, Tom Walsh, Nathan Wiederhold, Matt Wikler, Nancy Zhao (Members).
 - Intrinsic Resistance Definition: Inherent or innate (not acquired) antimicrobial resistance, which is reflected in wild-type antimicrobial patterns of all or almost all representatives of a species. Intrinsic resistance is so common that susceptibility testing in unnecessary"... "A small percentage (1-3%) may appear susceptible due to method variation, mutation, or low levels of resistance expression.
 - Data reviewed by WG to make decisions
 - MIC distributions (CLSI methodology, species-specific [when applicable], ID based on sequencing rather than primarily on morphology)
 - Clinical data
 - Expert opinion (eg, professional society guidelines)
 - WG Proposals for IR (for vote)
 - Rhodotorula spp. and fluconazole
 - Studies show reduced susceptibility of *Rhodotorula* (*R. mucilaginosa* most common) to fluconazole using reference broth microdilution and YeastOne Sensititre.
 - Published studies show little or not in vitro activity for fluconazole against Rhodotorula. Very few isolates have MICs <32 μg/ml.
 - The draft of the ECMM guideline for rare yeast infections to be published recommends against use
 of triazoles and echinocandins (Global Guideline for the Diagnosis and Management of Invasive
 Infections Caused by Emerging, Uncommon Rare Yeasts: An Initiative of the European
 Confederation of Medical Mycology)

A motion to designate *Rhodotorula* as intrinsically resistant to fluconazole was made and seconded. Vote: 9 for; 0 against; 0 abstain; 0 absent (Pass).

- Lomentospora prolificans and fluconazole
 - o Fluconazole was separated from the other azoles.
 - \circ MIC₉₀ around 16 μ g/mL, sometimes 8 μ g/mL
 - Some MICs were seen at the lower end for isavuconazole and voriconazole.
 - Wu Y. et al. identified 3 amino acid residues in the Cyp51 protein linked to intrinsic azole resistance in *L. prolificans*.

# Description Troke et al. 16/36 (44%) patients were successfully treated Patients with L. prolificans infection were significantly les response compared to those patients with S. apiospermule The new ECMM rare mold infection management guideling in combination with terbinafine plus or minus other antification (Hoenigl, M., et al. 2021. Lancet ID https://doi.org/10.10 The WG concluded that L. prolificans is IR to fluconazole itraconazole and isavuconazole cannot be determined based data (as some isolates test with low MICs to these agents data). A motion to designate L. prolificans as intrinsically resistant to flues of the second process of the second p	ess likely to achieve a successful clinical m infection. es strongly support first-line voriconazole ungal agents for <i>L. prolificans</i> infections 016/S1473-3099(20)30784-2). Intrinsic resistance to posaconazole, sed on available <i>in vitro</i> susceptibility and based on lack of treatment outcome
 Troke et al. 16/36 (44%) patients were successfully treated Patients with L. prolificans infection were significantly less response compared to those patients with S. apiospermunt. The new ECMM rare mold infection management guideling in combination with terbinafine plus or minus other antification (Hoenigl, M., et al. 2021. Lancet ID https://doi.org/10.10 The WG concluded that L. prolificans is IR to fluconazole itraconazole and isavuconazole cannot be determined bated data (as some isolates test with low MICs to these agents data). A motion to designate L. prolificans as intrinsically resistant to flues of the second process. Candida haemulonii for IR to fluconazole A systematic literature review on in vitro antifungal suscential. 	ess likely to achieve a successful clinical m infection. es strongly support first-line voriconazole ungal agents for <i>L. prolificans</i> infections 016/S1473-3099(20)30784-2). Intrinsic resistance to posaconazole, sed on available <i>in vitro</i> susceptibility and based on lack of treatment outcome
Patients with <i>L. prolificans</i> infection were significantly learesponse compared to those patients with <i>S. apiospermul</i> The new ECMM rare mold infection management guideling in combination with terbinafine plus or minus other antification (Hoenigl, M., et al. 2021. Lancet ID https://doi.org/10.10 The WG concluded that <i>L. prolificans</i> is IR to fluconazole itraconazole and isavuconazole cannot be determined based data (as some isolates test with low MICs to these agents data). A motion to designate <i>L. prolificans</i> as intrinsically resistant to flues of the second process of the second proces	ess likely to achieve a successful clinical m infection. es strongly support first-line voriconazole ungal agents for <i>L. prolificans</i> infections 016/S1473-3099(20)30784-2). Intrinsic resistance to posaconazole, sed on available <i>in vitro</i> susceptibility and based on lack of treatment outcome
itraconazole and isavuconazole cannot be determined bas data (as some isolates test with low MICs to these agents data). A motion to designate L. prolificans as intrinsically resistant to flues of the second of	sed on available <i>in vitro</i> susceptibility) and based on lack of treatment outcome
 9 for; 0 against; 0 abstain; 0 absent (Pass). - Candida haemulonii for IR to fluconazole o A systematic literature review on in vitro antifungal susce 	condizote was made and seconded. Vote:
 A systematic literature review on in vitro antifungal susce 	
MIC = 32 μg/mL.	64 μg/mL. The other 2% isolate had an
 ECV data for C. haemulonii sensu stricto showed an ECV 	
 The IRWG did not vote formally on the proposal but did st 	upport IR for fluconazole.
SC Discussion	
 It was questioned if the data was for C. haemulonii or C. hae sequencing or MALDI-TOF MS, then it is difficult to separate conspecies do have some differences so the resistance may not be noted that some are likely to be susceptible. It was also note stricto. 	out cryptic species. MICs for the separate oe for all species in the complex. It was
 It was suggested that the IRWG should separate out the speci complex is IR fluconazole. 	
 C. haemulonii grows slowly at CLSI temperature and some of which may affect the results. 	the testing may be held closer to 48hrs.
 No motion was proposed and not vote was taken. 	
 Suggestions for Table Placement M59 (M57S): IRWG agreed with M59 authors that only those I which either have BPs or have ECVs should be included in Table (M57 (M57 M58)). 	
 M60 (M27M44S) Body site reporting could be listed as Appendix A (recomme incorporated as Table 1 or Table 7 (before or after BP talls) IR could be listed as Appendix B (to include those yeasts) 	bles)
currently, such as <i>Rhodotorula</i> and <i>Trichosporon</i>). Only y - M61 (M38M51S): IR table for molds could be listed as Appending not listed in the current M59 [M57S] Table 6, such as <i>P. lilacia</i> table.	reasts will be listed in the IR table. dix A (to include those molds which are
Ongoing and Future Assessments	
 L. prolificans and echinocandins Fusarium and echinocandins (IRWG will not pursue Fusarium) Future Steps 	

Update the supplements as suggested above. ADJOURNMENT (G. Procop)

Submit a publication outside of CLSI documents

Dr. Procop thanked the participants for their time and attention. He noted that the next meeting will be held on Saturday, 22 January 2022 in Ft. Lauderdale, FL. The meeting was adjourned at 2:15 PM Eastern (US) time.

Respectfully submitted,

Marcy L. Hackenbrack, MCM, M(ASCP)

Camille Hamula, PhD, D(ABMM)

Antifungal Subcommittee Reviewers and Guests

Full Name	Organization/Company Name
Alexander Lepak	University of Wisconsin
Amanda Kuperus	Microbiologics
Beth P Goldstein	Beth Goldstein Consultant
Cecilia Carvalhaes	JMI Laboratories
Chris Pillar	Microbiologics
Jeff Locke	Cidara Therapeutics
Jennifer Chau	Beckman Coulter
Jennifer Slaughter	bioMerieux, Inc.
Nancy Wengenack	Mayo Clinic
Stephanie Mitchell	Cepheid (Danaher)
Sukantha Chandrasekaran	UCLA
Vera Tesic	University of Chicago
Yanan Zhao	CDI, HMH