

Appendix

Protocol

We had one week schedule for our project. From 4 to 6 samples were made each week.

Protocol for *C. lusitaniae* and *C. guilliermondii*

DAY 0

- Preparation of SA+ with microorganisms from the stock
 - take one clinical isolate from the freezer (-35 °C)
 - put on a SA+ plate and streak cells using the loop to get single colonies
 - incubate for 48 hours at 37 °C

DAY 1

- Biofilm preparation I
 - add 20 mL YNB + 2 % glucose in 100 mL sterile tissue flask and a loopful of *Candida* from SA+ plate
 - let it grow for 24 hours, 37 °C, using a rocker (at speed 8)

DAY 2

- Biofilm preparation II
 - take out the sterile tissue flask and transfer into a tube
 - separate harvest cells by centrifugation at 2000 rpm, 10 min
 - do washing step – resuspend cells in 10 mL of PBS and wash once
 - resuspend washed cells in 10 mL of RPMI solution
 - vortex 20 min on maximal speed, make 1:1000 dilution, count cells and adjust concentration 10^6 cell/mL using RPMI
 - add to the 96-well microtiter plate 100 μ L of 10^6 cell/mL to have a final concentration 10^5 cell/mL in rows 1-11
 - seals plates with parafilm and incubate for 48 hours, 37 °C, using a rocker (at speed 8)

DAY 3

- Planktonic cell preparation
 - add 20 mL YNB + 2 % glucose in 100 mL sterile flask and a loopful

of *Candida* (from saved SA+ plate from first day)

- grow for 24 hours, 37 °C, using a rocker (at speed 8)

DAY 4

- incubation with drugs
 - BF
 - plates with BF centrifuge for 20 min at 3000 rpm (800xg), 15°C
 - then aspirate supernatants and add 100 µL of RPMI and 100 µL of drug (in pentaplicate)
 - 1-10 cells+drug, 11 cells only (positive controls)
 - PL
 - separate harvest PL grown in YNB by centrifugation at 2000 rpm for 10 min
 - resuspend and wash cells in 10 mL of RPMI, pH 7.2
 - vortex 20 minutes on maximal speed, make 1:1000 dilution, count cells and adjust concentration 2×10^6 cell/mL using RPMI
 - add to the 96-well microtitre plate 100 µL of 2×10^6 cell/mL to have a final concentration 2×10^5 cell/mL in rows 1-11
 - 1-10 cells+drug, 11 cells only (positive controls)
 - incubate PL+BF plates with drugs at 37 °C for 24 hours, using the rocker (at speed 8)

DAY 5

- Evaluation of antifungal susceptibility
 - centrifuge all plates for 20 minutes, 3000 rpm (800xg)
 - aspirate medium and add 130 µL of XTT with CoQ
 - incubate BF and PL cells for 20-30 minutes at 37 °C
 - transfer into new clean plates and read at 450 nm by spectrophotometer

Protocol for *C. krusei*:

DAY 0

- Preparation of SA+ plates with microorganisms from the stock
 - Viz. Protocol for *C. lusitaniae* and *C. guilliermondii*

DAY 1

- Biofilm preparation I
 - Viz. Protocol for *C. lusitaniae* and *C. guilliermondii*

DAY 2

- Biofilm preparation II
 - Viz. Protocol for *C. lusitaniae* and *C. guilliermondii*

DAY 3

- Biofilm plates incubation
 - incubate BF plates at 37 °C, using a rocker (at speed 8)

DAY 4

- Planktonic cell preparation
 - Viz. Protocol for *C. lusitaniae* and *C. guilliermondii*
- Change of RPMI on BF plates
 - replace used RPMI with 100 µL of a fresh RPMI
 - seals plates with parafilm and incubate at 37 °C, using a rocker (at speed 8)

DAY 5

- Incubation with drugs
 - Viz. Protocol for *C. lusitaniae* and *C. guilliermondii*

DAY 6

- Evaluation of antifungal susceptibility
 - Viz. Protocol for *C. lusitaniae* and *C. guilliermondii*

Values of fungal damages of tested strains

Species itemized in this appendix are: *C. lusitaniae*, *C. krusei* and *C. guilliermondii*. There are presented six tables with fungal damage values (FD) for each species. Every first three tables are presenting values of FD after 24 hours incubation with anidulafungin, capofungin and micafungin for biofilm plates. Every next three tables are presenting data for planktonic cells.

Fungal damage is in percents.

Concentration of anidulafungin [mg/L]	Fungal damage of <i>C. lusitaniae</i> strains incubated with anidulafungin – biofilm													
	4245	0640	5094	9949	2588	8850	7892	2885	2732	5278	4241	2923	6936	4243
0.007	0.60	-12.85	-3.61	5.19	-7.47	-1.97	-5.41	-3.83	-15.41	3.83	1.60	-1.58	-1.94	-3.14
0.015	30.44	22.41	17.54	17.38	32.56	17.30	17.45	11.56	9.30	16.51	14.61	30.06	-9.70	39.66
0.030	48.72	30.01	32.87	25.49	32.56	17.69	28.38	16.70	15.39	16.76	38.59	33.37	13.39	61.03
0.060	48.09	42.17	34.02	27.63	46.00	27.38	26.36	24.68	25.86	40.70	44.40	36.69	26.14	62.67
0.125	58.41	41.72	36.18	29.52	57.26	42.33	37.51	30.80	24.57	25.80	46.97	24.90	38.50	67.11
0.250	56.11	41.19	39.51	26.55	56.60	46.09	26.95	17.74	24.21	23.80	54.61	43.77	39.93	68.43
0.500	57.02	28.48	34.94	20.04	47.88	28.17	24.43	10.24	20.81	15.63	44.02	35.04	32.96	55.12
1.000	41.74	27.66	31.64	7.66	28.54	14.56	19.16	-2.61	8.53	8.71	24.07	20.72	16.39	41.02
2.000	38.50	16.48	21.84	7.95	25.59	2.82	14.48	5.95	6.81	12.70	40.05	9.86	13.67	40.34
4.000	49.83	32.08	30.45	22.62	52.67	10.03	35.04	14.28	23.81	21.39	40.35	31.20	0.43	55.48
8.000	55.67	42.62	41.81	28.26	52.67	17.45	52.32	22.70	30.39	20.59	42.50	39.18	35.37	59.49
16.000	63.61	53.62	41.81	36.16	59.86	29.70	43.47	25.74	37.86	39.88	53.74	39.85	43.86	68.61
32.000	67.08	55.05	46.13	38.12	59.75	25.08	47.98	36.91	31.18	28.28	43.86	22.54	40.02	71.15
64.000	60.25	46.73	42.76	31.73	55.87	24.51	44.37	34.72	30.32	30.36	51.17	40.87	41.16	64.71
128.000	60.13	44.56	40.09	23.88	51.39	19.39	40.36	31.00	29.53	25.51	43.01	38.40	32.48	58.91
256.000	48.37	33.96	44.37	12.28	41.39	11.26	33.33	17.23	9.35	22.02	40.09	37.44	27.47	45.99

Table : Fungal damage values of *C. lusitaniae* biofilm incubated with anidulafungin The fungal damage values are in percents

Concentration of caspofungin [mg/L]	Fungal damage of <i>C. lusitaniae</i> strains incubated with caspofungin – biofilm													
	4245	0640	5094	9949	2588	8850	7892	2885	2732	5278	4241	2923	6936	4243
0.030	13.52	27.24	-7.90	18.33	17.33	6.76	3.80	13.47	1.06	7.21	6.61	9.65	12.07	22.74
0.060	20.39	23.88	-8.43	22.28	11.78	8.18	9.24	18.48	23.14	8.91	11.70	8.62	12.70	27.44
0.125	30.22	51.57	-3.53	24.13	7.17	13.74	13.65	23.40	33.61	10.74	8.71	6.52	18.88	22.21
0.250	30.22	51.57	-3.53	24.13	7.17	13.74	13.65	23.40	33.61	10.74	8.71	6.52	18.88	22.21
0.500	32.75	64.40	24.63	28.48	12.76	7.99	9.69	20.15	29.55	15.10	10.54	5.40	14.74	18.21
1.000	27.47	99.64	99.84	18.33	32.40	-0.81	17.08	2.28	14.99	27.54	49.83	10.68	20.11	34.70
2.000	26.90	100.00	99.82	25.51	27.61	9.23	18.29	4.69	12.33	17.92	42.16	12.20	4.94	37.88
4.000	45.99	100.00	100.00	32.85	46.37	9.27	18.34	15.96	16.13	26.23	36.79	13.86	26.94	43.25
8.000	33.87	98.51	100.00	34.12	42.84	3.99	14.95	12.34	22.38	20.75	29.37	12.62	73.83	44.83
16.000	28.40	100.00	100.00	40.03	39.16	16.03	22.91	22.57	32.45	24.57	32.58	12.62	30.78	52.07
32.000	35.54	99.94	100.00	43.08	49.64	35.68	42.94	34.06	40.18	39.15	34.76	38.12	85.12	53.14
64.000	42.89	100.00	100.00	84.17	74.99	30.83	56.13	51.87	52.66	90.90	60.56	95.61	90.97	67.06
128.000	81.96	100.00	100.00	97.61	97.08	98.94	67.69	85.81	77.38	97.74	99.23	100.00	99.69	99.80
256.000	98.07	100.00	100.00	99.93	97.94	98.98	84.00	99.02	94.60	99.98	99.72	100.00	100.00	100.00

Table : Fungal damage values of *C. lusitaniae* biofilm incubated with caspofungin The fungal damage values are in percents

Concentration of micafungin [mg/L]	Fungal damage of <i>C. lusitaniae</i> strains incubated with micafungin – biofilm													
	4245	0640	5094	9949	2588	8850	7892	2885	2732	5278	4241	2923	6936	4243
0.060	25.99	18.51	30.42	14.77	40.53	36.51	12.40	20.18	21.45	23.51	36.61	44.59	9.85	44.53
0.125	39.62	26.93	26.93	13.11	43.27	37.47	19.00	31.96	23.52	23.45	37.36	45.04	14.91	45.01
0.250	26.73	32.89	27.44	16.89	51.32	40.41	20.10	36.42	26.05	24.04	43.95	45.35	51.22	29.10
0.500	21.96	16.50	24.17	16.18	44.80	32.67	26.13	26.46	40.40	15.22	39.73	35.57	50.86	41.35
1.000	2.01	-13.34	14.68	15.89	23.28	21.94	12.22	16.58	11.40	6.10	23.36	21.68	56.73	4.27
2.000	16.61	5.72	18.44	11.95	28.60	15.37	6.65	5.87	6.19	11.09	38.57	17.37	87.70	36.57
4.000	33.76	35.82	29.46	20.88	49.69	38.74	27.93	10.94	10.79	7.98	45.94	37.48	89.00	41.30
8.000	26.38	35.66	35.20	11.79	50.36	41.66	28.08	16.90	25.80	21.46	42.32	37.63	94.76	43.57
16.000	35.74	37.51	36.53	21.90	57.01	47.70	37.71	35.01	25.35	24.69	49.71	41.13	92.22	44.28
32.000	32.40	36.38	35.64	26.54	57.26	46.29	41.92	44.79	30.97	25.09	47.67	38.45	81.32	41.91
64.000	41.60	36.13	32.14	35.04	55.31	39.73	33.76	45.36	25.59	23.61	49.41	36.49	82.66	21.06
128.000	29.36	30.37	31.28	32.49	53.13	27.90	25.58	37.38	26.99	16.32	44.21	26.43	84.31	43.33
256.000	24.12	-0.64	16.52	30.25	43.07	21.78	30.11	30.64	12.37	11.96	31.41	17.01	89.41	5.65

Table : Fungal damage values of *C.lusitaniae* biofilm incubated with micafungin The fungal damages are in percents

Concentration of anidulafungin [mg/L]	Fungal damage of <i>C. lusitaniae</i> strains incubated with anidulafungin – planktonic cells													
	4245	0640	5094	9949	2588	8850	7892	2885	2732	5278	4241	2923	6936	4243
0.007	2.65	-18.84	1.68	3.21	-12.41	-1.21	-5.41	0.61	-0.39	-0.87	2.91	-4.37	2.14	0.97
0.015	9.90	0.71	16.22	6.25	-7.96	13.39	17.45	4.21	7.02	14.20	18.12	-12.31	11.71	-1.90
0.030	23.49	15.46	26.74	15.05	5.79	22.46	28.38	7.91	11.48	20.91	20.95	58.61	14.81	-2.10
0.060	44.64	36.35	83.18	38.42	48.56	37.81	26.36	17.70	24.17	39.42	53.20	54.48	39.89	53.11
0.125	87.35	92.37	90.57	93.51	96.37	61.08	37.51	77.27	96.37	98.16	81.96	91.69	75.48	96.89
0.250	100.00	99.61	89.49	100.00	98.66	99.82	26.95	98.91	98.83	99.84	99.94	90.48	98.09	98.85
0.500	100.00	98.76	100.00	100.00	99.18	99.76	24.43	99.41	98.03	99.43	98.16	94.86	97.82	98.12
1.000	100.00	95.59	99.91	100.00	98.64	99.22	19.16	99.56	98.68	99.02	98.48	94.65	98.17	97.73
2.000	100.00	100.00	100.00	100.00	99.61	99.92	14.48	100.00	98.75	100.00	99.97	97.16	97.79	98.48
4.000	100.00	100.00	100.00	100.00	99.90	100.00	35.04	100.00	99.45	100.00	100.00	97.63	98.02	99.43
8.000	100.00	99.13	100.00	100.00	99.05	99.48	52.32	98.25	98.15	97.90	98.51	92.06	97.51	98.32
16.000	100.00	100.00	100.00	100.00	100.00	100.00	43.47	100.00	99.56	100.00	100.00	97.23	98.32	99.51
32.000	100.00	99.83	100.00	100.00	99.38	100.00	47.98	100.00	98.70	100.00	99.90	97.09	97.56	98.66
64.000	100.00	100.00	100.00	100.00	99.92	100.00	44.37	100.00	99.44	100.00	100.00	97.81	97.81	99.58
128.000	100.00	100.00	100.00	100.00	99.75	100.00	40.36	100.00	99.34	100.00	100.00	98.17	97.91	99.18
256.000	100.00	100.00	100.00	100.00	99.86	100.00	33.33	99.93	99.48	100.00	100.00	97.70	98.57	99.15

Table : Fungal damage values of *C. lusitaniae* planktonic cells incubated with anidulafungin The fungal damage values are in percents

Concentration of caspofungin [mg/L]	Fungal damage of <i>C. lusitaniae</i> strains incubated with caspofungin – planktonic cells													
	4245	0640	5094	9949	2588	8850	7892	2885	2732	5278	4241	2923	6936	4243
0.030	45.65	27.24	-7.90	3.60	17.74	14.52	4.29	29.80	5.71	6.04	31.19	6.46	17.59	10.90
0.060	57.90	23.88	-8.43	4.70	21.78	23.58	16.06	75.43	11.41	14.05	27.99	7.23	12.08	13.37
0.125	71.20	51.57	-3.53	0.77	22.92	19.88	15.84	75.70	12.27	8.13	22.16	8.96	21.07	16.39
0.250	71.20	51.57	-3.53	0.77	22.92	19.35	15.84	75.70	12.27	7.10	22.16	8.96	21.07	16.39
0.500	82.47	64.40	24.63	-2.99	21.10	5.70	13.85	98.41	15.29	36.52	26.81	9.88	33.08	20.54
1.000	99.71	99.64	99.84	100.00	97.04	57.53	96.66	98.39	96.82	98.45	27.69	19.76	98.54	32.20
2.000	99.76	100.00	99.82	100.00	99.86	100.00	97.87	99.41	97.83	99.63	100.00	95.81	98.92	100.00
4.000	100.00	100.00	100.00	100.00	99.87	100.00	94.64	99.77	97.69	99.85	100.00	95.98	99.62	100.00
8.000	91.50	98.51	100.00	98.05	99.22	98.81	80.86	97.61	93.83	95.14	99.89	97.73	98.24	98.36
16.000	77.85	100.00	100.00	98.49	97.43	99.44	99.10	99.21	81.54	98.42	100.00	99.97	99.73	98.08
32.000	99.92	99.94	100.00	99.98	98.77	90.25	98.22	98.88	98.33	98.30	99.89	98.97	98.96	98.23
64.000	100.00	100.00	100.00	100.00	99.97	100.00	98.72	99.97	99.17	99.24	100.00	99.85	99.73	100.00
128.000	100.00	100.00	100.00	100.00	99.81	99.90	99.02	99.93	99.10	100.00	100.00	99.64	99.66	100.00
256.000	100.00	100.00	100.00	100.00	100.00	100.00	99.37	99.99	99.70	99.63	100.00	99.83	99.87	100.00

Table: Fungal damage values of *C. lusitaniae* planktonic cells incubated with caspofungin The fungal damage values are in percents

Concentration of micafungin [mg/L]	Fungal damage of <i>C. lusitaniae</i> strains incubated with micafungin – planktonic cells													
	4245	0640	5094	9949	2588	8850	7892	2885	2732	5278	4241	2923	6936	4243
0.060	92.15	59.71	99.49	43.90	97.55	82.83	29.28	17.47	92.37	93.12	97.39	48.29	99.91	99.67
0.125	99.75	80.08	97.67	56.02	98.40	74.00	41.98	18.61	96.66	97.98	99.47	85.52	99.51	98.64
0.250	100.00	99.74	99.62	83.93	99.58	82.64	71.88	29.04	98.35	99.02	100.00	99.40	100.00	99.73
0.500	100.00	99.54	99.46	99.81	99.44	82.34	86.02	95.89	98.19	100.00	100.00	99.16	99.97	99.64
1.000	99.84	99.17	97.07	100.00	99.03	82.74	89.21	99.62	97.69	99.75	100.00	98.90	99.90	98.89
2.000	100.00	100.00	100.00	100.00	99.92	86.95	98.85	99.47	99.08	100.00	100.00	97.82	99.95	99.91
4.000	100.00	100.00	100.00	100.00	100.00	87.15	98.59	100.00	99.70	100.00	100.00	99.19	100.00	100.00
8.000	99.67	100.00	100.00	99.81	99.53	81.66	97.76	99.51	98.05	99.90	99.94	97.18	99.60	98.51
16.000	100.00	100.00	100.00	100.00	100.00	85.97	99.23	99.96	99.61	100.00	100.00	99.35	100.00	100.00
32.000	100.00	100.00	99.79	100.00	99.95	79.11	98.60	99.27	98.99	99.85	100.00	98.87	100.00	99.73
64.000	100.00	100.00	100.00	100.00	100.00	83.32	99.01	99.86	99.26	100.00	100.00	99.83	100.00	100.00
128.000	100.00	100.00	100.00	100.00	100.00	83.03	98.75	99.89	98.96	100.00	100.00	99.55	100.00	100.00
256.000	100.00	100.00	100.00	100.00	100.00	84.70	98.81	99.92	98.68	100.00	100.00	99.85	100.00	100.00

Table : Fungal damage values of *C. lusitaniae* planktonic cells incubated with micafungin The fungal damage values are in percents

Concentration of anidulafungin [mg/L]	Fungal damage of <i>C.krusei</i> strains incubated with anidulafungin – biofilm												
	6865	12414	9346	9908	7394-2	7824	9200	10226	8657	6892	11154	12841	11708
0.007	-12.08	1.10	-8.99	7.46	1.66	9.72	-3.97	-15.24	-21.07	-14.20	27.93	0.23	0.74
0.015	-1.12	7.99	2.87	8.53	12.16	14.55	18.68	7.10	-2.76	-1.72	44.80	11.69	9.14
0.030	-1.93	25.69	15.69	17.09	14.48	12.86	24.66	0.33	7.05	19.67	42.98	13.72	19.65
0.060	-8.83	26.73	32.82	21.10	20.74	29.75	62.91	19.53	35.33	42.43	80.19	32.22	30.40
0.125	18.29	32.86	52.45	48.56	34.47	52.54	65.32	35.53	87.31	74.83	85.07	63.45	28.13
0.250	49.53	52.60	54.73	57.42	82.36	65.24	95.05	84.53	92.37	82.62	64.40	82.50	45.94
0.500	48.71	40.70	54.79	50.38	82.26	54.67	92.50	79.27	82.50	74.05	69.28	74.90	34.18
1.000	38.63	49.70	48.88	39.39	82.11	50.26	79.31	71.25	75.35	67.65	49.90	53.98	39.90
2.000	34.88	61.01	53.67	57.99	86.50	71.27	69.71	71.82	80.31	72.95	49.47	68.61	42.14
4.000	45.82	63.50	53.78	54.76	89.61	70.74	80.49	70.55	88.17	73.04	77.60	73.50	47.13
8.000	52.31	60.94	61.91	47.91	88.25	73.30	85.29	75.06	83.47	75.98	66.26	75.39	48.03
16.000	57.93	60.77	57.93	40.12	89.69	77.37	87.30	82.04	83.13	89.93	53.20	75.45	57.36
32.000	37.07	66.30	50.53	38.92	89.17	74.27	87.99	80.66	81.47	85.74	64.40	81.63	62.41
64.000	37.12	62.81	55.59	38.85	89.97	72.46	88.68	79.58	80.60	84.76	70.14	78.65	58.87
128.000	43.50	50.52	47.93	38.85	90.51	70.21	85.54	86.84	83.32	75.38	65.55	80.20	51.72
256.000	46.11	62.60	54.31	27.23	78.91	67.35	84.74	77.66	71.60	68.59	-3.08	68.54	55.15

Table : Fungal damage values of *C. krusei* biofilm incubated with anidulafungin The fungal damage values are in percents

Concentration of caspofungin [mg/L]	Fungal damage of <i>C. krusei</i> strains incubated with caspofungin – biofilm												
	6865	12414	9346	9908	7394-2	7824	9200	10226	8657	6892	11154	12841	11708
0.030	3.69	6.91	-2.71	4.04	4.74	5.23	13.51	4.76	19.87	-3.12	-30.07	-0.05	18.72
0.060	11.82	21.88	51.31	15.51	10.08	16.65	20.04	13.71	22.15	6.15	-3.71	9.04	26.24
0.125	3.63	14.29	61.48	-4.23	26.94	13.84	17.10	17.93	20.69	-6.96	23.30	1.36	35.77
0.250	46.01	13.04	36.83	0.09	8.33	6.22	17.10	17.93	52.46	8.56	-19.31	9.26	35.77
0.500	46.18	55.89	73.72	1.40	37.48	88.36	11.07	24.38	81.60	56.29	88.73	72.84	33.79
1.000	15.71	61.64	47.85	30.44	85.35	88.43	71.74	92.04	85.46	61.96	85.84	70.32	22.36
2.000	58.97	70.96	62.36	66.13	92.11	84.34	76.22	79.27	70.62	76.90	6.04	76.04	44.98
4.000	59.89	72.37	37.72	60.35	93.78	87.23	77.72	84.53	72.14	80.71	51.32	83.64	52.80
8.000	49.47	64.22	32.58	44.15	93.03	79.61	78.85	79.60	77.46	78.22	87.58	80.71	58.24
16.000	84.02	80.48	63.63	75.69	94.72	94.00	85.16	88.75	85.22	80.79	100.00	73.07	75.11
32.000	85.15	89.84	87.72	88.42	92.87	94.09	85.28	90.13	90.13	81.65	100.00	79.83	89.31
64.000	94.28	93.99	88.42	94.81	90.37	99.47	96.56	96.58	94.98	89.05	100.00	91.65	97.75
128.000	99.14	100.00	98.51	99.96	97.29	100.00	99.44	99.74	99.77	94.57	100.00	99.74	98.70
256.000	99.89	100.00	99.21	99.88	99.48	100.00	99.84	100.00	100.00	100.00	100.00	99.89	97.26

Table : Fungal damage values of *C. krusei* biofilm incubated with caspofungin The fungal damage values are in percents

Concentration of micafungin [mg/L]	Fungal damage of <i>C. krusei</i> strains incubated with micafungin – biofilm												
	6865	12414	9346	9908	7394-2	7824	9200	10226	8657	6892	11154	12841	11708
0.060	45.85	35.01	35.32	12.16	65.51	38.29	31.29	40.32	31.87	87.72	65.22	81.92	16.74
0.125	58.00	58.18	38.74	31.73	77.81	61.09	51.33	58.44	57.44	84.27	67.24	79.93	16.86
0.250	51.88	59.46	41.49	52.38	89.25	54.36	69.05	83.24	74.95	83.41	98.75	80.42	21.38
0.500	36.67	69.37	52.84	29.43	90.52	33.80	73.75	83.62	80.04	85.30	78.07	91.02	31.16
1.000	-6.73	58.12	45.70	29.52	90.38	25.41	77.26	66.20	73.80	70.41	90.60	57.29	18.35
2.000	46.23	70.34	65.80	60.18	92.86	70.16	76.21	79.96	74.25	76.00	23.83	67.83	40.62
4.000	46.95	54.87	62.10	62.20	96.36	67.19	79.34	82.85	71.98	79.80	21.63	68.14	44.88
8.000	47.91	59.96	56.13	58.73	92.51	53.05	75.17	74.28	76.18	85.88	8.14	64.09	47.03
16.000	59.03	69.47	67.42	58.76	95.81	65.42	76.67	84.33	81.11	88.50	91.74	73.00	54.20
32.000	64.25	63.23	67.01	55.51	94.65	64.48	87.56	85.15	81.89	88.64	95.04	61.66	60.25
64.000	60.25	61.33	64.53	69.25	98.72	63.80	73.31	89.24	82.89	87.50	88.99	67.00	64.48
128.000	62.53	64.14	67.85	68.96	98.03	61.82	62.73	90.01	88.03	77.87	92.60	66.61	67.51
256.000	44.39	66.12	59.37	65.43	94.05	39.33	79.47	87.88	89.86	76.67	92.84	59.98	67.86

Table : Fungal damage values of *C. krusei* biofilm incubated with micafungin The fungal damage values are in percents

Concentration of anidulafungin [mg/L]	Fungal damage of <i>C. krusei</i> strains incubated with anidulafungin – planktonic cells												
	6865	12414	9346	9908	7294-2	7824	9200	10226	8657	6892	11154	12841	11708
0.007	-11.59	-1.14	-24.13	3.94	-19.48	-9.07	-8.37	-6.16	-19.58	-55.60	-2.05	-40.06	3.87
0.015	9.83	20.47	-2.27	-11.51	6.87	3.82	1.59	10.19	-2.54	-26.20	22.06	-20.69	18.85
0.030	11.59	30.95	-0.40	82.20	0.05	98.30	-5.91	11.32	12.26	-18.07	9.90	-13.54	-0.52
0.060	44.05	98.55	30.00	99.39	15.59	100.00	35.46	35.85	5.31	5.76	14.24	3.30	31.97
0.125	71.82	98.22	99.07	99.67	73.32	99.14	59.58	74.24	4.04	88.75	50.67	60.51	97.07
0.250	100.00	99.73	100.00	100.00	92.28	99.95	98.24	98.37	93.36	100.00	100.00	99.83	99.44
0.500	100.00	99.52	100.00	100.00	93.29	100.00	94.41	97.69	93.54	99.33	100.00	98.75	98.09
1.000	99.95	99.14	100.00	100.00	95.85	98.29	94.99	97.95	97.98	100.00	100.00	98.41	98.87
2.000	100.00	99.64	100.00	87.69	95.08	100.00	99.20	99.21	88.34	100.00	100.00	99.70	100.00
4.000	100.00	100.00	100.00	100.00	93.51	100.00	100.00	99.95	90.73	100.00	100.00	100.00	100.00
8.000	98.59	98.36	100.00	98.00	88.19	99.24	96.43	96.16	85.83	98.90	100.00	98.02	96.09
16.000	100.00	100.00	100.00	100.00	97.18	100.00	100.00	100.00	93.24	99.51	100.00	100.00	100.00
32.000	100.00	99.70	100.00	100.00	91.54	100.00	98.83	98.26	94.20	99.76	100.00	99.66	100.00
64.000	100.00	99.79	100.00	100.00	92.87	100.00	97.50	99.89	95.10	100.00	100.00	100.00	100.00
128.000	100.00	98.19	100.00	100.00	95.96	100.00	97.92	99.11	97.55	100.00	100.00	99.57	100.00
256.000	100.00	99.85	100.00	100.00	98.51	100.00	98.08	99.53	99.28	100.00	100.00	99.70	100.00

Table : Fungal damage values of *C. krusei* planktonic cells incubated with anidulafungin The fungal damage values are in percents

Concentration of caspofungin [mg/L]	Fungal damage of <i>C. krusei</i> strains incubated with caspofungin – planktonic cells												
	6865	12414	9346	9908	7394-2	7824	9200	10226	8657	6892	11154	12841	11708
0.030	21.86	16.30	2.21	6.13	-7.52	14.14	3.92	4.21	10.35	32.41	16.29	5.93	12.41
0.060	39.59	25.02	11.72	35.93	6.95	26.58	23.62	16.86	21.49	30.51	24.44	13.59	29.56
0.125	70.88	98.64	41.23	41.71	5.40	22.97	11.65	7.20	14.91	26.46	20.68	17.39	13.30
0.250	99.44	99.90	76.23	84.84	5.40	18.84	11.65	7.20	11.84	17.46	19.54	17.70	13.30
0.500	99.86	99.48	99.74	99.96	1.91	5.82	2.02	1.53	16.39	-2.02	12.51	13.00	5.85
1.000	100.00	99.74	99.28	100.00	97.66	99.37	94.77	99.54	85.40	100.00	100.00	99.91	88.47
2.000	100.00	99.58	99.74	99.68	95.64	100.00	99.92	100.00	96.21	100.00	100.00	99.88	98.54
4.000	100.00	100.00	100.00	100.00	97.37	100.00	100.00	100.00	98.69	100.00	100.00	100.00	100.00
8.000	98.26	98.97	97.26	100.00	91.42	97.70	95.93	98.47	93.37	99.33	99.65	99.94	96.84
16.000	100.00	100.00	100.00	100.00	99.83	100.00	100.00	100.00	98.87	100.00	100.00	100.00	100.00
32.000	100.00	98.87	100.00	100.00	99.14	100.00	100.00	99.85	97.84	100.00	100.00	99.60	98.66
64.000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.91	100.00	100.00	100.00	99.84
128.000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.92
256.000	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Table : Fungal damage values of *C. krusei* planktonic cells incubated with caspofungin The fungal damage values are in percents

Concentration of micafungin [mg/L]	Fungal damage of <i>C. krusei</i> strains incubated with micafungin – planktonic cells												
	6865	12414	9346	9908	7394-2	7824	9200	10226	8657	6892	11154	12841	11708
0.060	100.00	100.00	100.00	100.00	-2.59	49.25	96.86	99.53	99.40	100.00	100.00	100.00	31.28
0.125	99.27	99.13	97.23	98.66	94.20	96.83	94.69	95.45	99.60	98.30	99.13	99.17	97.18
0.250	100.00	100.00	99.86	100.00	96.79	100.00	99.26	99.42	99.96	100.00	100.00	100.00	76.20
0.500	100.00	100.00	99.29	99.68	98.22	99.93	97.94	98.68	99.95	99.79	93.17	100.00	99.96
1.000	99.92	99.93	99.15	99.90	97.53	100.00	99.43	98.44	100.00	99.62	100.00	99.76	99.29
2.000	100.00	100.00	100.00	100.00	98.86	100.00	93.77	98.52	99.60	99.83	100.00	100.00	100.00
4.000	100.00	100.00	100.00	100.00	100.00	100.00	96.92	100.00	100.00	99.79	100.00	100.00	100.00
8.000	100.00	98.32	98.58	99.81	96.00	96.97	92.06	97.39	99.68	98.86	99.59	97.68	99.34
16.000	100.00	100.00	100.00	100.00	100.00	100.00	99.31	100.00	100.00	100.00	100.00	100.00	100.00
32.000	100.00	100.00	100.00	100.00	99.06	100.00	96.97	98.68	100.00	99.86	100.00	100.00	100.00
64.000	100.00	100.00	100.00	100.00	100.00	100.00	98.06	100.00	100.00	100.00	100.00	100.00	98.06
128.000	100.00	100.00	100.00	100.00	99.95	100.00	99.83	100.00	100.00	100.00	100.00	100.00	100.00
256.000	100.00	100.00	100.00	100.00	99.95	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Table : Fungal damage values of *C. krusei* planktonic cells incubated with micafungin The fungal damage values are in percents

Concentration of anidulafungin [mg/L]	Fungal damage of <i>C. guilliermondii</i> strains incubated with anidulafungin – biofilm		
	99	111	112
0.007	5.85	4.91	9.08
0.015	13.67	11.10	16.69
0.030	15.86	19.76	10.21
0.060	23.52	28.62	26.18
0.125	29.11	26.17	24.44
0.250	18.47	19.07	23.27
0.500	10.56	10.16	35.77
1.000	8.66	9.24	27.64
2.000	70.06	48.30	17.76
4.000	84.81	56.45	24.01
8.000	84.65	71.71	37.00
16.000	86.09	79.12	46.72
32.000	88.78	84.99	60.55
64.000	89.32	80.02	58.79
128.000	87.13	83.29	42.02
256.000	83.20	83.71	73.95

Table : **Fungal damage values of *C. guilliermondii* biofilm incubated with anidulafungin** The fungal damage values are in percents

Concentration of caspofungin [mg/L]	Fungal damage of <i>C. guilliermondii</i> strains incubated with caspofungin – biofilm		
	99	111	112
0.030	7.33	24.74	22.78
0.060	24.92	26.01	28.40
0.125	19.68	25.51	27.86
0.250	20.01	11.91	33.57
0.500	22.78	15.23	27.29
1.000	34.14	15.59	30.40
2.000	47.71	21.59	30.65
4.000	57.29	28.44	32.43
8.000	56.30	28.68	34.55
16.000	59.12	39.39	44.26
32.000	65.62	57.62	35.34
64.000	77.55	79.90	57.13
128.000	99.71	95.58	96.11
256.000	100.00	98.66	99.62

Table : **Fungal damage values of *C. guilliermondii* biofilm incubated with caspofungin** The fungal damage values are in percents

Concentration of micafungin [mg/L]	Fungal damage of <i>C. guilliermondii</i> strains incubated with micafungin – biofilm		
	99	111	112
0.060	41.76	24.58	26.12
0.125	40.54	11.31	33.13
0.250	49.88	10.27	36.20
0.500	54.52	14.87	35.83
1.000	54.12	17.02	61.69
2.000	53.74	46.33	51.41
4.000	58.63	60.34	34.43
8.000	50.32	65.51	50.77
16.000	70.51	72.23	68.88
32.000	70.12	67.84	67.28
64.000	64.79	60.69	60.88
128.000	64.50	59.22	71.45
256.000	62.54	46.18	56.14

Table : **Fungal damage values of *C. guilliermondii* biofilm incubated with micafungin** The fungal damage values are in percents

Concentration of anidulafungin [mg/L]	Fungal damage of <i>C. guilliermondii</i> strains incubated with anidulafungin – planktonic cells		
	99	111	112
0.007	5.94	0.61	5.91
0.015	19.19	8.99	-1.89
0.030	21.42	16.80	12.60
0.060	30.67	21.69	18.02
0.125	27.34	13.22	10.02
0.250	21.34	10.19	2.70
0.500	18.47	23.58	1.45
1.000	96.72	97.80	93.88
2.000	99.76	99.66	99.92
4.000	100.00	100.00	100.00
8.000	97.16	97.65	98.70
16.000	100.00	100.00	100.00
32.000	100.00	99.97	100.00
64.000	100.00	100.00	100.00
128.000	99.96	100.00	100.00
256.000	99.76	99.87	100.00

Table : **Fungal damage values of *C. guilliermondii* planktonic cells incubated with anidulafungin** The fungal damage values are in percents

Concentration of caspofungin [mg/L]	Fungal damage of <i>C. guilliermondii</i> strains incubated with caspofungin – planktonic cells		
	99	111	112
0.030	22.78	2.36	14.80
0.060	33.41	12.55	25.80
0.125	23.21	14.42	20.81
0.250	22.40	10.99	24.89
0.500	11.04	70.95	9.96
1.000	50.96	79.66	69.07
2.000	99.19	93.57	87.31
4.000	99.90	93.44	91.29
8.000	96.89	91.13	82.66
16.000	98.47	77.32	70.80
32.000	97.60	87.32	77.32
64.000	100.00	93.60	98.50
128.000	100.00	100.00	100.00
256.000	100.00	100.00	100.00

Table : **Fungal damage values of *C. guilliermondii* planktonic cells incubated with caspofungin** The fungal damage values are in percents

Concentration of micafungin [mg/L]	Fungal damage of <i>C. guilliermondii</i> strains incubated with micafungin – planktonic cells		
	99	111	112
0.060	23.66	17.56	14.17
0.125	93.09	95.95	92.41
0.250	97.05	98.67	98.48
0.500	95.83	98.22	95.45
1.000	96.29	98.22	92.64
2.000	98.47	98.89	93.03
4.000	99.95	99.56	93.54
8.000	95.53	95.95	86.29
16.000	100.00	100.00	96.91
32.000	98.73	98.89	96.40
64.000	99.69	99.96	99.27
128.000	98.88	99.69	97.64
256.000	99.64	99.91	99.44

Table : **Fungal damage values of *C. guilliermondii* planktonic cells incubated with micafungin** The fungal damage values are in percents