Table S1: Bliss Independence Model calculation: PA14 supernatant and VCZ [µM] combined effects against 10AF forming biofilm:

	Y_a [%]	Y_b [%]	Bliss Independence Model [Y^p_{ab}] [%]	[Y^o_{ab}] [%]	Outcome
VCZ 0. 25 + PA14 sup 1:256	85	70	96	96	I
VCZ 0. 25 + PA14 sup 1:512	85	22	88	96	S
VCZ 0. 25 + PA14 sup 1:1024	85	7	86	93	S
VCZ 0.125 + PA14 sup 1:256	44	70	83	93	S
VCZ 0.125 + PA14 sup 1:512	44	22	56	72	S
VCZ 0.125 + PA14 sup 1:1024	44	7	48	73	S
VCZ 0.063 + PA14 sup 1:256	20	70	76	73	I
VCZ 0.063 + PA14 sup 1:512	20	22	38	41	S
VCZ 0.063 + PA14 sup 1:1024	20	7	26	35	S

Abbreviations used in the Table: S = Synergy, I = Independence, Y_a = inhibition of fungal metabolism by VCZ, Y_b = inhibition of fungal metabolism by Pa sup, Y^o_{ab} = observed combined antifungal effect, Y^p_{ab} = predicted combined antifungal effect.

Table S2: Bliss Independence Model calculation: PA14 supernatant and VCZ [µM] combined effects against AF13073 forming biofilm and *P. aeruginosa*, PAO1 and Pa10, supernatants, combined with VCZ against 10AF forming biofilm:

	Y_a [%]	Y_b [%]	Bliss Independence Model $[Y^p_{ab}]$ [%]	$[Y^o_{ab}]$ [%]	Outcome
AF13073 +					
VCZ 0.250 + PA14 sup 1:256	96	76	99	97	I
VCZ 0.250 + PA14 sup 1:512	96	28	97	97	I
VCZ 0.250 + PA14 sup 1:1024	96	14	97	97	I
VCZ 0.125 + PA14 sup 1:256	63	76	91	92	I
VCZ 0.125 + PA14 sup 1:512	63	28	73	83	S
VCZ 0.125 + PA14 sup 1:1024	63	14	68	80	S
VCZ 0.063 + PA14 sup 1:256	38	76	85	88	I
VCZ 0.063 + PA14 sup 1:512	38	28	55	72	S
VCZ 0.063 + PA14 sup 1:1024	38	14	47	59	S
VCZ 0.032 + PA14 sup 1:256	13	75	78	81	I
VCZ 0.032 + PA14 sup 1:512	13	28	37	45	S
VCZ 0.032 + PA14 sup 1:1024	13	16	27	30	S
10AF +					
VCZ 0.250 + PAO1 sup 1:128	84	88	98	95	I
VCZ 0.250 + PAO1 sup 1:256	84	85	98	95	I
VCZ 0.250 + PAO1 sup 1:512	84	37	90	94	I
VCZ 0.250 + PAO1 sup 1:1024	84	14	86	92	S
VCZ 0.125 + PAO1 sup 1:128	50	88	94	94	I
VCZ 0.125 + PAO1 sup 1:256	50	85	93	92	I

VCZ 0.125 + PAO1 sup 1:512	50	37	69	74	S
VCZ 0.125 + PAO1 sup 1:1024	50	14	57	68	S
VCZ 0.063 + PAO1 sup 1:128	18	88	90	90	I
VCZ 0.063 + PAO1 sup 1:256	18	85	88	87	I
VCZ 0.063 + PAO1 sup 1:512	18	37	48	53	S
VCZ 0.063 + PAO1 sup 1:1024	18	14	29	36	S
10AF +					
VCZ 0.250 + Pa10 Sup 1:64	88	86	98	96	I
VCZ 0.250 + Pa10 Sup 1:128	88	45	93	96	I
VCZ 0.250 + Pa10 Sup 1:256	88	19	90	96	S
VCZ 0.125 + Pa10 Sup 1:64	55	86	94	95	I
VCZ 0.125 + Pa10 Sup 1:128	55	45	75	77	I
VCZ 0.125 + Pa10 Sup 1:256	55	19	64	75	S
VCZ 0.063 + Pa10 Sup 1:64	27	86	90	91	I
VCZ 0.063 + Pa10 Sup 1:128	27	45	60	63	I
VCZ 0.063 + Pa10 Sup 1:256	27	19	41	38	A

Abbreviations used in the Table: S = Synergy, I = Independence, Y_a = inhibition of fungal metabolism by VCZ, Y_b = inhibition of fungal metabolism by Pa sup, Y^o_{ab} = observed combined antifungal effect, Y^p_{ab} = predicted combined antifungal effect.

Table S3: Bliss Independence Model calculation: PA14 supernatant (in RPMI with iron, concentrations 1:256 to 1:1024), or PA14ΔpvdD/ΔpchE supernatant at low concentrations (1:256 to 1:1024), combined with VCZ [µM]; combined effects against 10AF forming biofilm:

	Y_a [%]	Y_b [%]	Bliss Independence Model $[Y^p_{ab}]$ [%]	$[Y^o_{ab}]$ [%]	Outcome
VCZ 0.250 + PA14 sup (Fe) 1:256	93	9	94	89	I
VCZ 0.250 + PA14 sup (Fe) 1:512	93	11	94	91	I
VCZ 0.250 + PA14 sup (Fe) 1:1024	93	6	93	90	I
VCZ 0.125 + PA14 sup (Fe) 1:256	62	9	65	57	A
VCZ 0.125 + PA14 sup (Fe) 1:512	62	11	66	60	A
VCZ 0.125 + PA14 sup (Fe) 1:1024	62	6	64	56	A
VCZ 0.063 + PA14 sup (Fe) 1:256	28	9	34	28	A
VCZ 0.063 + PA14 sup (Fe) 1:512	28	11	36	26	A
VCZ 0.063 + PA14 sup (Fe) 1:1024	28	6	32	31	I
VCZ 0.250 + PA14ΔpvdD/ΔpchE sup 1:256	85	9	86	81	A
VCZ 0.250 + PA14ΔpvdD/ΔpchE sup 1:512	85	14	87	81	A
VCZ 0.250 + PA14ΔpvdD/ΔpchE sup 1:1024	85	11	87	81	A
VCZ 0.125 + PA14ΔpvdD/ΔpchE sup 1:256	41	9	46	45	I
VCZ 0.125 + PA14ΔpvdD/ΔpchE sup 1:512	41	14	49	45	A
VCZ 0.125 + PA14ΔpvdD/ΔpchE sup 1:1024	41	11	47	47	I
VCZ 0.063 + PA14ΔpvdD/ΔpchE sup 1:256	17	9	24	25	I
VCZ 0.063 + PA14ΔpvdD/ΔpchE sup 1:512	17	14	29	23	A
VCZ 0.063 + PA14ΔpvdD/ΔpchE sup 1:1024	17	11	26	21	A

Abbreviations used in the Table: S = Synergy, I = Independence, Y_a = inhibition of fungal metabolism by VCZ, Y_b = inhibition of fungal metabolism by Pa sup, Y^o_{ab} = observed combined antifungal effect, Y^p_{ab} = predicted combined antifungal effect]

Table S4: Bliss Independence Model calculation: Pyoverdine [µM] and VCZ [µM] combination effects against 10AF forming biofilm:

	Y_a [%]	Y_b [%]	Bliss Independence Model $[Y^p_{ab}]$ [%]	$[Y^o_{ab}]$ [%]	Outcome
VCZ 0.125 + pyoverdine 0.63	56	99	100	99	I
VCZ 0.125 + pyoverdine 0.32	56	77	90	97	S
VCZ 0.125 + pyoverdine 0.16	56	32	70	72	I

Abbreviations used in the Table: S = Synergy, I = Independence, Y_a = inhibition of fungal metabolism by VCZ, Y_b = inhibition of fungal metabolism by pyoverdine, Y^o_{ab} = observed combined antifungal effect, Y^p_{ab} = predicted combined antifungal effect.

Table S5: Bliss Independence Model calculation: Pyochelin [µM] and VCZ [µM] combination effects against 10AF forming biofilm

	Y_a [%]	Y_b [%]	Bliss Independence Model $[Y^p_{ab}]$ [%]	$[Y^o_{ab}]$ [%]	Outcome
VCZ 0.250 + pyochelin 100	96	73	99	97	I
VCZ 0.250 + pyochelin 50	96	73	99	97	I
VCZ 0.250 + pyochelin 25	96	78	99	97	I
VCZ 0.125 + pyochelin 100	65	20	72	69	I
VCZ 0.125 + pyochelin 50	65	20	72	75	I
VCZ 0.125 + pyochelin 25	65	2	66	78	S
VCZ 0.063 + pyochelin 100	43	73	85	86	I
VCZ 0.063 + pyochelin 50	43	73	85	90	S
VCZ 0.063 + pyochelin 25	43	78	87	94	S

Abbreviations used in the Table: S = Synergy, I = Independence, Y_a = inhibition of fungal metabolism by VCZ, Y_b = inhibition of fungal metabolism by pyochelin, Y^o_{ab} = observed combined antifungal effect, Y^p_{ab} = predicted combined antifungal effect.

Table S6: Bliss Independence Model calculation: upper part: PA14 supernatant (in RPMI with iron concentrations 1:4 to 1:16), lower part: pyocyanin [µM]. Combination effects with VCZ [µM] against 10AF forming biofilm.

	Y_a [%]	Y_b [%]	Bliss Independence Model $[Y^p_{ab}]$ [%]	$[Y^o_{ab}]$ [%]	Outcome
VCZ 0.250 + PA14 sup (Fe) 1:4	98	48	99	100	I
VCZ 0.250 + PA14 sup (Fe) 1:8	98	42	99	100	I
VCZ 0.250 + PA14 sup (Fe) 1:16	98	16	98	100	I
VCZ 0.125 + PA14 sup (Fe) 1:4	67	48	83	93	S
VCZ 0.125 + PA14 sup (Fe) 1:8	67	42	81	96	S
VCZ 0.125 + PA14 sup (Fe) 1:16	67	16	72	74	I
VCZ 0.063 + PA14 sup (Fe) 1:4	44	48	71	76	S
VCZ 0.063 + PA14 sup (Fe) 1:8	44	42	68	77	S
VCZ 0.063 + PA14 sup (Fe) 1:16	44	16	53	55	I
VCZ 0.125 + pyocyanin 1000	67	76	92	94	I
VCZ 0.125 + pyocyanin 500	67	53	84	85	I
VCZ 0.125 + pyocyanin 250	67	36	79	68	A

Abbreviations used in the Table: S = Synergy, I = Independence, Y_a = inhibition of fungal metabolism by respective VCZ, Y_b = inhibition of fungal metabolism by Pa sup or pyocyanin, Y^o_{ab} = observed combined antifungal effect, Y^p_{ab} = predicted combined antifungal effect]