

Supplementary Materials

Table S1: Minimum inhibitory concentration of the antibiotics and potential antibiofilm tested, individually and in combination, against 4 *M. avium* and 6 *M. intracellulare* clinical isolates, and the ATCC25291 reference strain.

Isolate	MIC (µg/mL)															
	K	C	E	M	C/K	ΣFIC C/K	K/M	ΣFIC K/M	C/E	ΣFIC C/E	A	D	I	N	P	T 80
<i>M. avium</i> 1	16	4	4	1	4	1.25	2	2.12	4	2	>64	>64	>64	>64	>64	>64
<i>M. avium</i> 2	8	4	8	2	4	1.5	4	2.5	4	1.5	>64	>64	>64	>64	>64	>64
<i>M. avium</i> 3	16	4	4	1	4	1.25	2	2.12	4	2	>64	>64	>64	>64	>64	>64
<i>M. avium</i> 4	16	2	8	2	4	2.25	4	2.25	4	2.5	>64	>64	>64	>64	>64	>64
MIC ₉₀	16	4	8	2	4	2.25	4	2.5	4	2.5	>64	>64	>64	>64	>64	>64
<i>M. avium</i> ATCC25291	8	2	4	1	4	2.5	2	2.25	4	3	>64	>64	>64	>64	>64	>64
<i>M. intracellulare</i> 1	8	2	4	2	4	2.5	2	1.25	4	3	>64	>64	>64	>64	>64	>64
<i>M. intracellulare</i> 2	16	2	8	2	4	2.25	4	2.25	4	2.5	>64	>64	>64	>64	>64	>64
<i>M. intracellulare</i> 3	8	1	4	1	2	2.25	2	2.25	2	2.5	>64	>64	>64	>64	>64	>64
<i>M. intracellulare</i> 4	8	2	8	1	2	1.25	2	2.25	2	1.25	>64	>64	>64	>64	>64	>64
<i>M. intracellulare</i> 5	8	1	8	1	2	2.25	1	1.125	2	2.25	>64	>64	>64	>64	>64	>64
<i>M. intracellulare</i> 6	8	1	8	1	2	2.25	2	1.25	2	2.25	>64	>64	>64	>64	>64	>64
MIC ₉₀	16	2	8	2	4	2.5	4	2.25	4	3	>64	>64	>64	>64	>64	>64

MIC: minimum inhibitory concentration; K: amikacin; C: clarithromycin; E: ethambutol; M: moxifloxacin; A: acetyl-salicylic acid; DADS:diallyl disulphide; I: ibuprofen; N: N-Acetyl-L-cysteine; P: paracetamol; T80: Tween 80.

Table S2: Minimum biofilm eradication concentration of antibiotics and potential antibiofilm agents tested, individually and in combination, against 4 *M. avium* and 6 *M. intracellulare* clinical isolates (I), and the ATCC25291 reference strain.

Isolate	MBECs (µg/mL)															
	K	C	E	M	C/K	ΣFIC C/K	K/M	ΣFIC K/M	C/E	ΣFIC C/E	A	D	I	N	P	T80
<i>M. avium</i> 1	4096	4096	4096	4096	256	0.125	128	0.0625	512	0.25	4096	4096	4096	4096	4096	4096
<i>M. avium</i> 2	2048	2048	2048	256	256	0.25	128	0.5625	512	0.5	4096	4096	4096	4096	4096	4096
<i>M. avium</i> 3	2048	2048	2048	256	256	0.25	256	1.125	256	0.25	4096	4096	4096	4096	4096	4096
<i>M. avium</i> 4	2048	2048	2048	4096	256	0.25	256	0.187	512	0.50	4096	4096	4096	4096	4096	4096
MBEC ₉₀	4096	4096	4096	4096	256	0.25	256	1.12	512	0.5	4096	4096	4096	4096	4096	4096
<i>M. avium</i> ATCC25291	1024	512	2048	256	256	0.75	256	1.125	256	0.625	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 1	4096	1024	4096	4096	512	0.625	256	0.125	128	0.15625	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 2	4096	2048	1024	1024	256	0.1875	256	0.3125	512	0.75	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 3	4096	4096	4096	4096	512	0.25	512	0.25	128	0.0625	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 4	4096	4096	4096	4096	256	0.125	512	0.25	256	0.125	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 5	4096	4096	2048	1024	128	0.0625	256	0.3125	128	0.09375	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 6	4096	4096	2048	4096	128	0.0625	512	0.25	128	0.09375	4096	4096	4096	4096	4096	4096
MBEC ₉₀	4096	4096	4096	4096	512	0.25	4096	2	512	0.75	4096	4096	4096	4096	4096	4096

MBEC: minimum biofilm eradication concentration; MBIC: minimum biofilm inhibitory concentration; K: amikacin; C: clarithromycin; E: ethambutol; M: moxifloxacin; A: acetyl-salicylic acid; D: diallyl disulphide; I: ibuprofen; N: N-Acetyl-L-cysteine; P: paracetamol; T80: Tween 80.

Table S3: Minimum biofilm eradication concentration of antibiotics and potential antibiofilm agents tested, individually and in combination, against 4 *M. avium* and 6 *M. intracellulare* clinical isolates (II), and the ATCC25291 reference strain.

Isolate	MBEC (µg/mL)											
	C/K/A	ΣFIC C/K/A	C/K/I	ΣFIC C/K/I	C/K/P	ΣFIC C/K/P	C/K/N	ΣFIC C/K/N	C/K/D	ΣFIC C/K/D	C/K/T80	ΣFIC C/K/T80
<i>M. avium</i> 1	128	0.09375	128	0.09375	128	0.09375	128	0.09375	128	0.09375	256	0.1875
<i>M. avium</i> 2	128	0.15625	128	0.15625	128	0.15625	256	0.3	128	0.15625	256	0.3
<i>M. avium</i> 3	128	0.15625	128	0.15625	128	0.15625	256	0.3	128	0.3	128	0.15625
<i>M. avium</i> 4	128	0.15625	128	0.15625	128	0.15625	256	0.3	128	0.3	128	0.3
MBEC ₉₀	128	0.15625	128	0.15625	128	0.15625	256	0.3	128	0.3	256	0.3
<i>M. avium</i> ATCC25291	128	0.40625	128	0.40625	128	0.40625	256	0.8125	128	0.40625	256	0.8125
<i>M. intracellulare</i> 1	128	0.1875	32	0.046875	256	0.375	128	0.1875	32	0.046875	256	0.375
<i>M. intracellulare</i> 2	128	0.125	128	0.125	128	0.125	128	0.125	64	0.0625	256	0.25
<i>M. intracellulare</i> 3	128	0.09375	64	0.046875	128	0.09375	128	0.09375	128	0.09375	256	0.1875
<i>M. intracellulare</i> 4	128	0.09375	256	0.1875	128	0.09375	128	0.09375	128	0.09375	128	0.09375
<i>M. intracellulare</i> 5	128	0.09375	256	0.1875	128	0.09375	128	0.09375	128	0.09375	128	0.09375
<i>M. intracellulare</i> 6	128	0.09375	256	0.1875	128	0.09375	128	0.09375	128	0.09375	128	0.09375
MBEC ₉₀	128	0.125	256	0.1875	256	0.375	128	0.1875	128	0.09375	256	0.375

MBEC: minimum biofilm eradication concentration; C: clarithromycin; K: amikacin; E: ethambutol; A: acetyl-salicylic acid; I: ibuprofen; P: paracetamol; N: N-Acetyl-L-cysteine; D: diallyl disulphide; T80: Tween80.

Table S4: Minimum biofilm inhibitory concentration of the antibiotics and potential antibiofilm agents tested, individually and in combination, against 4 *M. avium* and 6 *M. intracellulare* clinical isolates (I), and the ATCC25291 reference strain.

Isolate	MBICs (µg/mL)															
	K	C	E	M	C/K	ΣFIC C/K	K/M	ΣFIC K/M	C/E	ΣFIC C/E	A	D	I	N	P	T80
<i>M. avium</i> 1	2048	4096	2048	4096	256	ND	2048	ND	512	ND	4096	4096	4096	4096	4096	4096
<i>M. avium</i> 2	1024	128	1024	256	512	ND	512	ND	512	ND	4096	4096	4096	4096	4096	4096
<i>M. avium</i> 3	256	256	128	256	512	ND	256	ND	2048	ND	4096	4096	4096	4096	4096	4096
<i>M. avium</i> 4	256	1024	2048	2014	1024	ND	512	ND	1024	ND	4096	4096	4096	4096	4096	4096
MBIC ₉₀	2048	4096	2048	4096	1024	ND	2048	ND	2048	ND	4096	4096	4096	4096	4096	4096
<i>M. avium</i> ATCC25291	1024	256	2048	512	1024	ND	1024	ND	2048	ND	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 1	4096	1024	2048	512	512	ND	2048	ND	512	ND	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 2	256	256	512	512	512	ND	256	ND	512	ND	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 3	2048	256	256	1024	512	ND	256	ND	128	ND	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 4	2048	256	512	256	256	ND	512	ND	256	ND	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 5	512	4096	512	512	512	ND	1024	ND	512	ND	4096	4096	4096	4096	4096	4096
<i>M. intracellulare</i> 6	2048	512	512	512	512	ND	512	ND	512	ND	4096	4096	4096	4096	4096	4096
MBIC ₉₀	4096	4096	2048	1024	512	ND	2048	ND	512	ND	4096	4096	4096	4096	4096	4096

MBIC: minimum biofilm inhibitory concentration; K: amikacin; C: clarithromycin; E: ethambutol; A: acetyl-salicylic acid; D: diallyl disulphide; I: ibuprofen; N: N-Acetyl-L-cysteine; P: paracetamol; T80: Tween80.

Table S5: Minimum biofilm inhibitory concentration of the antibiotics and potential antibiofilm agents tested, individually and in combination, against 4 *M. avium* and 6 *M. intracellulare* clinical isolates (II), and the ATCC25291 reference strain.

Isolate	MBIC (µg/mL)											
	C/K/A	ΣFIC C/K/A	C/K/I	ΣFIC C/K/I	C/K/P	ΣFIC C/K/P	C/K/N	ΣFIC C/K/N	C/K/D	ΣFIC C/K/D	C/K/T80	ΣFIC C/K/T80
<i>M. avium</i> 1	28	ND	128	ND	128	ND	128	ND	128	ND	256	ND
<i>M. avium</i> 2	28	ND	128	ND	128	ND	256	ND	128	ND	256	ND
<i>M. avium</i> 3	128	ND	128	ND	128	ND	256	ND	128	ND	128	ND
<i>M. avium</i> 4	128	ND	128	ND	128	ND	256	ND	128	ND	128	ND
MBIC ₉₀	128	ND	128	ND	128	ND	256	ND	128	ND	256	ND
<i>M. avium</i> ATCC25291	128	ND	128	ND	128	ND	256	ND	128	ND	512	ND
<i>M. intracellulare</i> 1	128	ND	128	ND	256	ND	64	ND	64	ND	256	ND
<i>M. intracellulare</i> 2	128	ND	128	ND	128	ND	128	ND	64	ND	256	ND
<i>M. intracellulare</i> 3	128	ND	64	ND	128	ND	128	ND	128	ND	256	ND
<i>M. intracellulare</i> 4	128	ND	256	ND	128	ND	64	ND	128	ND	128	ND
<i>M. intracellulare</i> 5	128	ND	256	ND	128	ND	128	ND	128	ND	128	ND
<i>M. intracellulare</i> 6	128	ND	256	ND	128	ND	128	ND	128	ND	128	ND
MBIC ₉₀	128	ND	256	ND	256	ND	128	ND	128	ND	256	ND

MBIC: minimum biofilm inhibitory concentration; C: clarithromycin; K: amikacin; E: ethambutol; A: acetyl-salicylic acid; I: ibuprofen; P: paracetamol; N: N-Acetyl-L-cysteine; D: diallyl disulphide; T80: Tween80.

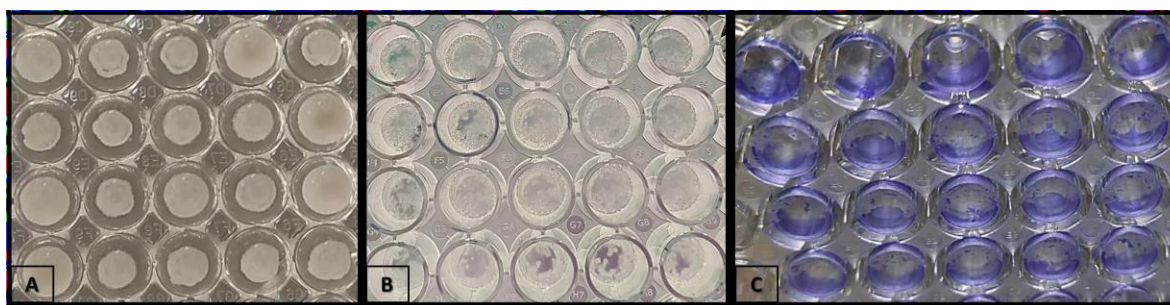


Figure S1: Biofilm formation and the Crystal Violet method used to determine the quantification of the biofilm by measuring the optical density (OD) of the dyed biofilm. A) Biofilm formation at 37 °C for 4 weeks in Middlebrook 7H9 liquid media; B) Fixed biofilm at the bottom of the wells after being washed with PBS and dried at 60 °C; C) Crystal violet dyed, washed and dried biofilm to be read the OD with acetic acid solution.