

Supplementary Information

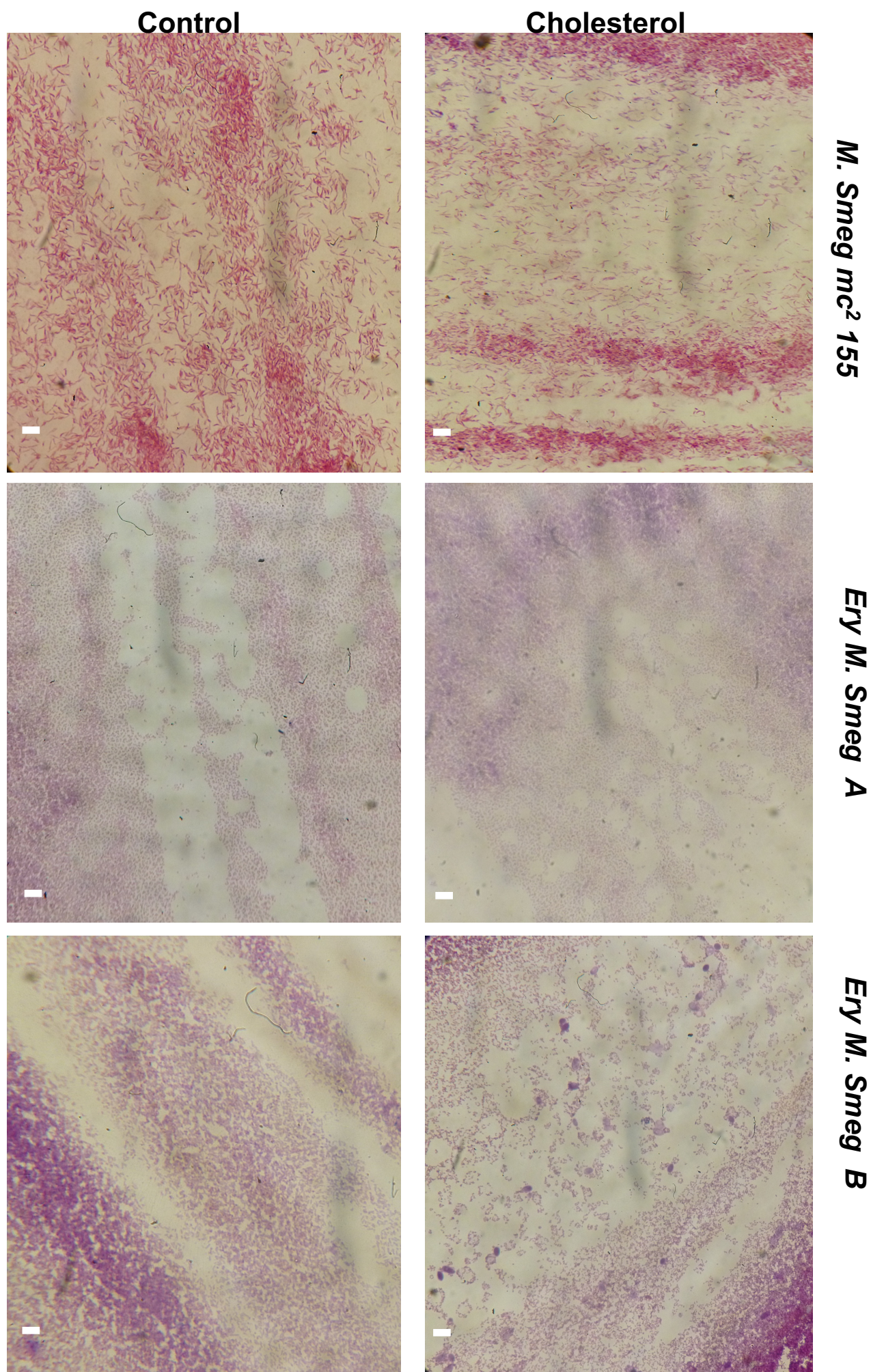


Figure S1:

Table S1. Optical Density of *M. smegmatis* as a measure of cell survival and proliferation during isolation of the MDR strains

Steps	Antibiotic	Optical Density		
		0hr	12hr	24hr
2	Tet 30µg	0.053	0.260	0.951
	Tet 150µg	0.049	0.201	0.864
	Ery 15µg	0.131	0.340	0.751
	Ery 75µg	0.098	0.297	0.698
	Strep 15µg	0.118	0.405	0.799
	Strep 75µg	0.143	0.345	0.912
4	Tet 30µg	0.101	0.071	2.285
	Tet 150µg	-	0.031	1.960
	Ery 15µg	0.114	1.026	1.998
	Ery 75µg	-	1.565	1.873
	Strep 15µg	0.127	1.977	2.106
	Strep 75µg	-	2.042	2.177
5	Tet 30µg	0.256	2.098	2.252
	Tet 150µg	0.114	2.004	2.137
	Ery 15µg	0.134	2.944	1.903
	Ery 75µg	0.111	2.339	2.411
	Strep 15µg	0.163	2.134	2.132
	Strep 75µg	0.193	2.204	2.171

Table S2: Amount of antibiotic in the paper discs used for the disc diffusion assay

Antibiotics	Abbreviation	Amount (µg)
Ampicillin	Amp	40
Amoxicillin	Amx	40
Vancomycin	Van	40
Isoniazid	INH	10
Ethambutol	Emb	10
Pyrazinamide	PZD	40
Moxifloxacin	Moxi	0.5
Rifampicin	Rif	10
Linezolid	Lin	5
Tetracycline	Tet	20
Chloramphenicol	Chlo	40
Erythromycin	Ery	40
Streptomycin	Strep	30

Table S3: Amount of antibiotic in the paper discs used as neighbours for the selected antibiotics

Antibiotics	Abbreviation	Amount (µg)
Ampicillin	Amp	40
Amoxicillin	Amx	40
Vancomycin	Van	40
Isoniazid	INH	10
Ethambutol	Emb	10
Pyrazinamide	PZD	40
Moxifloxacin	Moxi	0.5
Rifampicin	Rif	10
Linezolid	Lin	5
Tetracycline	Tet	20
Erythromycin	Ery	40
Streptomycin	Strep	30
Cycloserine	Cys	20