

Table S5a. Significant positive correlation coefficients (r_s) between biocides and antimicrobials in *E. coli* of hur

Origin of isolates	r_s	GDA _{MIC}	GDA _{MBC}	CHG _{MIC}	CHG _{MBC}	BAC _{MIC}	BAC _{MBC}
Swine feces	AZI	-	-	0.289**	-	-	-
	GEN	0.246*	-	-	-	-	-
	TET	-	-	0.291**	0.276**	-	-
Pork meat	TET	-	-	-	0.344**	-	-
	COL	-	-	0.212*	0.201*	-	-
	NAL	-	-	0.225*	0.245*	-	-
	CTZ	-	-	0.370**	0.228*	-	-
Voluntary donors	AMP	-	-	-	-	0.216*	0.301**
	AZI	-	-	-	-	0.311**	0.247*
	CHL	-	-	0.284**	-	0.297**	0.317**
	CIP	-	-	-	-	0.274**	0.238*
	COL	-	-	-	-	-	-
	CTA	-	-	-	-	0.230*	0.327**
	MER	-	-	-	-	-	0.202*
	GEN	-	-	0.212*	-	-	-
	NAL	-	-	-	-	0.215*	0.213*
	SME	-	-	-	-	0.216*	0.213*
	CTZ	-	-	-	-	0.312**	0.376**
	TET	-	-	0.219*	0.310**	-	-
	TIG	-	-	-	-	0.264**	0.259*
	TRI	-	-	-	-	-	0.228*
Inpatients	AMP	-	-	-	-	-	-
	CHL	-	-	-	-	-	-
	CIP	-	-	-	0.224*	0.202*	-
	NAL	-	-	-	0.302**	0.208*	-
	TET	-	-	-	-	0.205*	-
	COL	-	-	-	-	-	-
	AZI	-	-	-	0.213*	-	-
	CTA	-	-	-	-	-	-

Table S5b. Significant positive correlation coefficients (r_s) between biocides and antimicrobials in non-ESBL an

Origin of isolates	r_s	GDA _{MIC}	GDA _{MBC}	CHG _{MIC}	CHG _{MBC}	BAC _{MIC}	BAC _{MBC}
ESBL	AZI	-	-	0.165*	0.165*	0.140*	0.162*
	CIP	-	-	0.201**	0.259**	0.187**	-
	MER	0.160*	0.141*	-	-	-	-
	NAL	-	-	0.193**	0.254**	0.201**	-
	TET	-	-	0.180**	0.196**	-	-
	TIG	-	-	-	-	-	0.174*
	GEN	-	-	0.161*	-	0.161*	-
	CTZ	-	-	-	-	0.194**	-
	CHL	-	-	-	-	-	-
non-ESBL	AMP	-	-	-	-	0.227**	0.181*
	AZI	-	-	-	-	0.231**	-
	CIP	0.154*	-	0.168*	0.227**	-	-
	GEN	0.185*	-	0.286**	0.222**	-	-
	NAL	-	-	0.161*	0.251**	-	-
	SME	-	-	-	-	0.181*	0.173*
	CTZ	-	-	-	-	0.228**	0.307**
	TET	-	-	0.233**	0.249**	-	-
	TMP	-	-	-	-	0.208**	0.219**
	CTA	-	-	-	-	-	-

GDA=glutaraldehyde; CHG=chlorhexidine digluconate; BAC=benzalkonium chloride; OCT=octenidine dihydrochloride; IPA=isopropanol;

AMP=ampicillin; CTA=cefotaxime; CTZ=ceftazidime; MER=meropenem; NAL=nalidixic acid; CIP=ciprofloxacin; GEN=gentamicin; TET= tet

MIC=minimum inhibitory concentration; MBC=minimum bactericidal concentration

* Correlation is significant at the 0.05 level; ** Correlation is significant at the 0.01 level.

nan and porcine origin.

[illegible]d ESBL *E. coli*

OCT _{MIC}	OCT _{MBC}	IPA _{MIC}	IPA _{MBC}	PCMC _{MIC}	PCMC _{MBC}	NaOCl _{MIC}	NaOCl _{MBC}
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	0.157*	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	0.165*	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	0.155*	-	-	-	-

NaOCl=sodium hypochlorite; PCMC=chlorocresol.

tracycline; TIG=tigecycline; COL=colistin; SME=sulfamethoxazole; TRI=trimethoprim; CHL=chloramphenicol; AZI=azithromycin.