

Supplementary Material

Bacterial community tolerance to tetracycline antibiotics induced by As, Cd, Zn, Cu, Ni, Cr and Pb pollution

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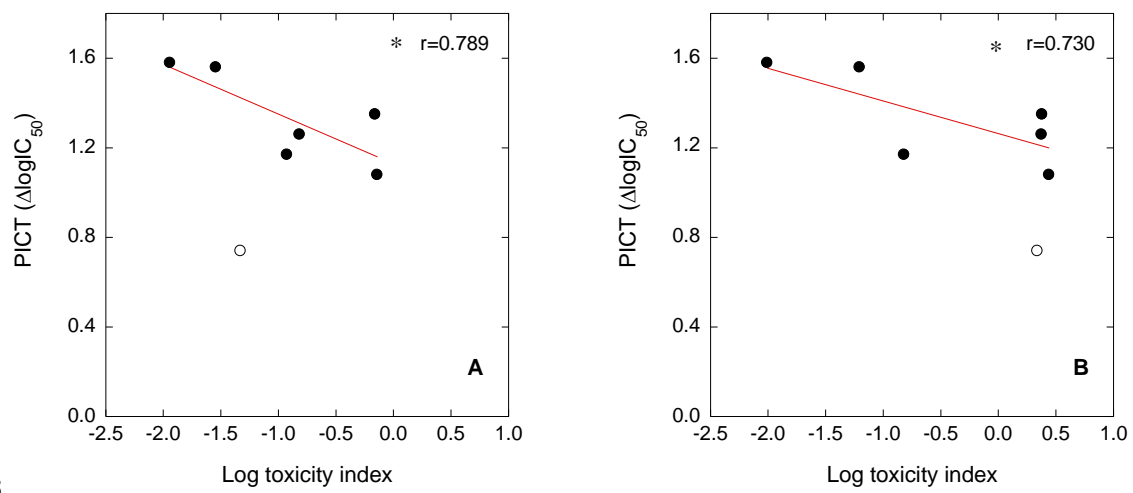
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16 **Table S1.** General characteristic of the soil used in this study. Average values (n=3) with coefficients of
 17 variation always lower than 5%

Parameter	Soil
Sand (%)	25.3
Silt (%)	54.7
Clay (%)	20.0
Texture	Silt Loam
pH_w	6.0
C (%)	1.8
N (%)	0.2
Ca_e (cmol_c kg⁻¹)	7.4
Mg_e (cmol_c kg⁻¹)	1.6
Na_e (cmol_c kg⁻¹)	0.4
K_e (cmol_c kg⁻¹)	3.6
Al_e (cmol_c kg⁻¹)	0.2
eCEC (cmol_c kg⁻¹)	13.2
P_{available} (mg kg⁻¹)	204.1
Cr_T (mg kg⁻¹)	43.4
Co_T (mg kg⁻¹)	11.1
Ni_T (mg kg⁻¹)	25.4
Cu_T (mg kg⁻¹)	43.4
As_T (mg kg⁻¹)	27.5
Cd_T (mg kg⁻¹)	< DL
Pb_T (mg kg⁻¹)	17.1
Na_T (mg kg⁻¹)	223.5
K_T (mg kg⁻¹)	4709.0
Ca_T (mg kg⁻¹)	2153.7
Mg_T (mg kg⁻¹)	5455.5
Al_T (mg kg⁻¹)	27546.3
Mn_T (mg kg⁻¹)	606.9
Fe_T (mg kg⁻¹)	34384.6
Zn_T (mg kg⁻¹)	135.5

18 pH_w is pH measured in water; C is total carbon; N is total nitrogen; eCEC is the effective cation
 19 exchange capacity (cmol_ckg⁻¹); X_e: exchangeable concentration of the element; X_T: total
 20 concentration of the element. DL: detection limit.

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35 **Figure S1.** Polluted Induced Community Tolerance (PICT, $\Delta\log IC_{50}$) as a function of toxicity index for
36 day 1 (A) and day 42 (B), after adding heavy metals (As, Cd, Zn, Cu, Ni, Cr and Pb) to soil.

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