

Supplementary Materials

Table S1. Growth of *Talaromyces* sp. KM-31 in PDA medium amended with As(III) or As(V).

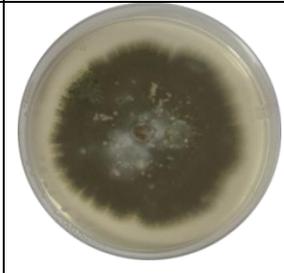
Conc.	100 mg/L	500 mg/L	1000 mg/L	No treatment
As(III)				
As(V)				

Table S2. Arsenic removal (%) by Fe(III) oxides as a non-fungal reference.

Treatment ^a	Arsenic Removal (mean \pm SD ^b , %)	
	As(III)	As(V)
Fe(III) oxide (Fe ₂ O ₃) ^c	79 \pm 0.22	78 \pm 2.26
Fe(II)Fe(III) oxide (Fe ₃ O ₄) ^c	47 \pm 9.68	50 \pm 1.47

^a Sorbent, 1 g/L; sorbate, 5 mg/L; pH 6.0; Temp, 30°C; contact time, 24 h. ^b The mean and standard deviation of 3 replicate determinations. ^c Fe(III) oxides were obtained from Aldrich and used without further treatment (particle size < 50 nm).