Supplementary material

Orally Administrated *Lactiplantibacillus plantarum* BGAN8-Derived EPS-AN8 Ameliorates Cd Hazards in Rats

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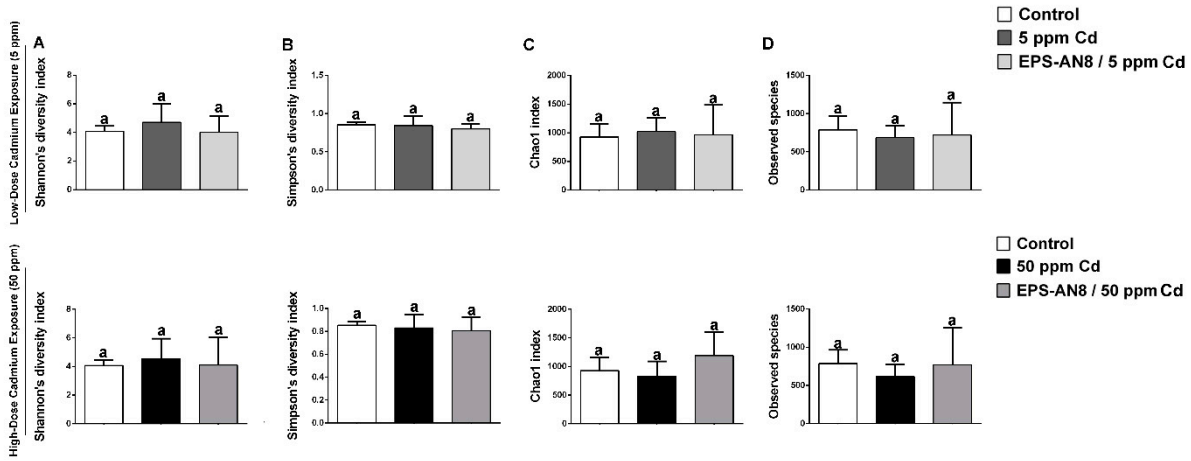


Figure S1. Alfa diversity of gut microbiota expressed via Shannon's diversity index (A), Simpson's diversity index (B), Chao1 index (C) and Observed species (D). Results are presented as mean ± SD. Values that do not share a common letter are significantly different ($p<0.05$).

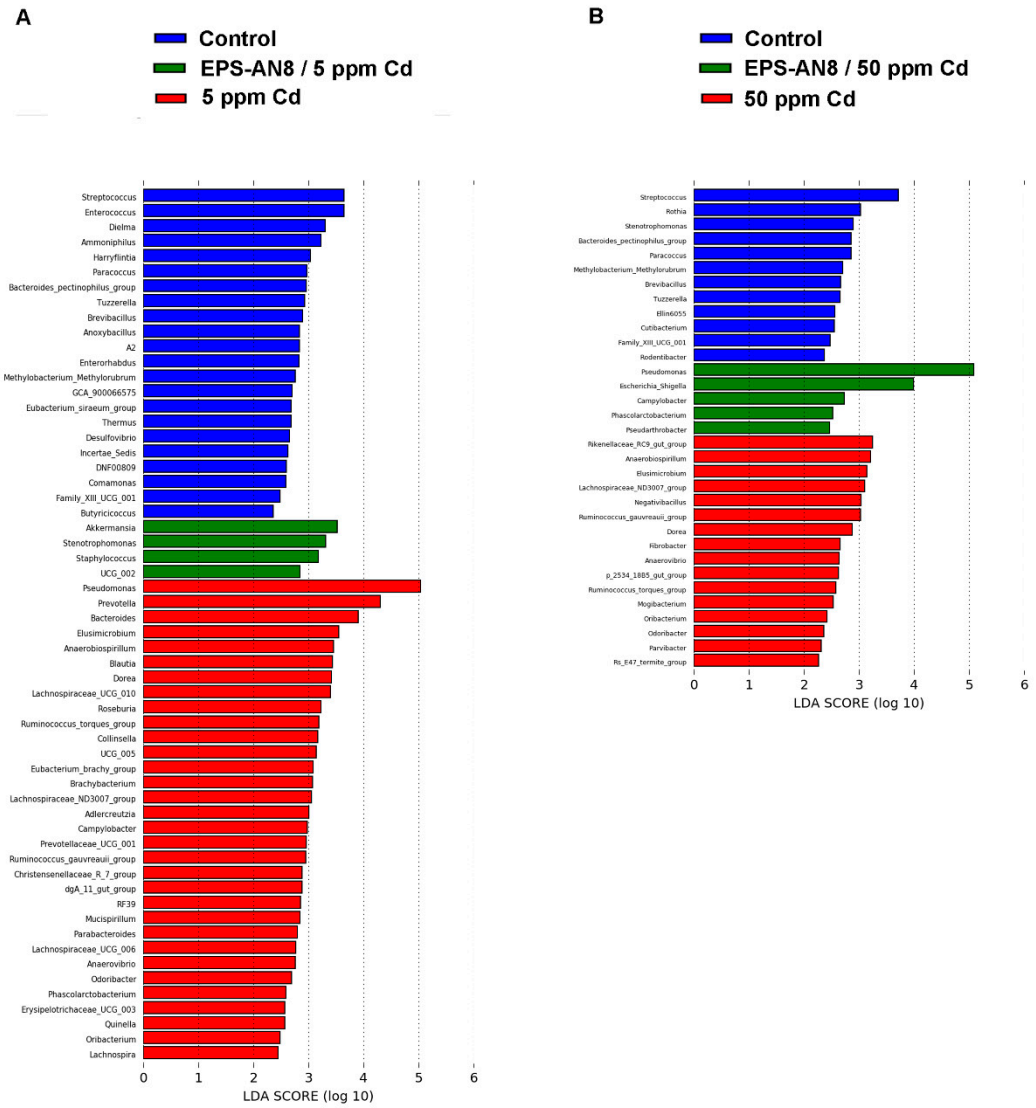


Figure S2. Representation of genera between groups given by Linear discriminant analysis effect size (LEfSe) method of gut microbiota for lower (A) and higher (B) dose of Cd.

Table S1. Instrument operating conditions of ICP-MS for Cd determination

Rf power (W)	1548
Gas flows (L/min)	13.9: 1.09; 0.8
Acquisition time	3 x 50 s
Points per peak	3
Dwell time (ns)	10
Detector mode	Pulse
Replicates	3