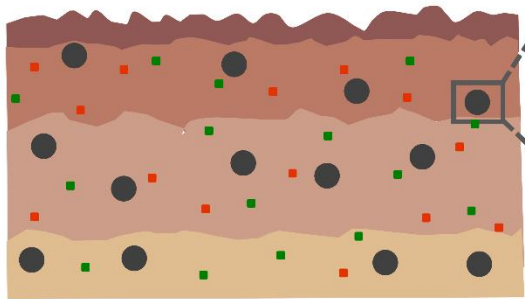


Biochar adsorbs and reduces Cr(VI)
Biochar facilitates the beneficial Cr(VI)
reduction

Biochar facilitates the beneficial Cr(VI) reduction

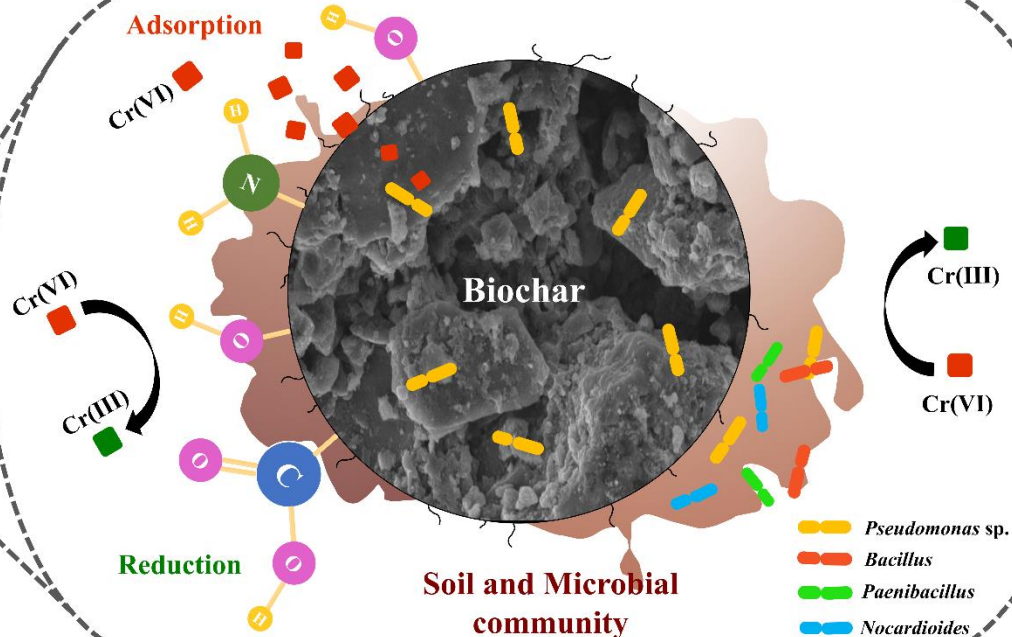
Improve soil quality and enzyme activity
Increase the relative abundance of beneficial bacteria

Improve soil quality and enzyme activity
Increase the relative abundance of beneficial bacteria



● Bacteria-loaded biochar ■ Cr(VI) ■ Cr(III)

Chromium-contaminated soil



Soil and Microbial community