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Title: Chromium Immobilization by Extra- and Intraradical Fungal Structures of Arbuscular Mycorrhizal symbioses

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**Highlights:**

1. Cr immobilization in AM symbioses revealed by SEM-EDS, STXM and XAFS;
2. EPS like particles formed on fungal surface upon Cr(VI) stress;
3. Cr(VI) was reduced to mainly Cr(III)-phosphate analogues on fungal surface;
4. Cr can be retained by the intraradical fungal structures in mycorrhizal roots.

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