



Universität für Bodenkultur Wien
University of Natural Resources
and Applied Life Sciences, Vienna

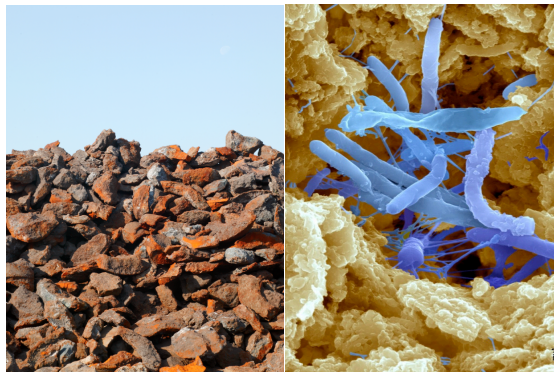


EUROPÄISCHE UNION

PhD thesis: “Bioleaching for metal recovery”

Bioleaching is a naturally occurring oxidative microbial process solubilizing metals from ores or other sources. Bioleaching enables cost-efficient and economic recycling of valuable metals. Most of the microorganisms used for bioleaching processes are chemolitho(auto)trophic bacteria, which transform insoluble metal sulfides to soluble metal sulfates.

Within an international framework of a European project, the fully employed PhD student will investigate the applicability of bioleaching for metal recovery of ashes and slags both in batch and continuous systems.



Ideal student: The PhD position is for passionate highly motivated students with strong background in Biotechnology or any related area with basic skills in Microbiology.

Start: any time

Duration of the practical work at IFA-Tulln: max. 3 years

Financial support: Employment

Information and Contact: Professor Georg Gübitz

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