**PhD position in Environmental Engineering:**

**MICROBIOLOGY IN A DEEP GEOLOGICAL REPOSITORY FOR A RADIOACTIVE WASTE**

***Position:***

* As a PhD candidate in Environmental Engineering, you will join a vibrant multicultural team of scientists, associates, postdocs and students working towards innovative approaches in the field.

***Required:***

* Master degree in biology or geochemistry, microbiology advantageous
* Self-organized person with excellent communication skills in English (speaking and writing)
* Proficient in planning, recording, and executing experiments and data analysis.
* Creative thinking, ability of independent and responsible work
* Driving license is advantage

***Main responsibilities are to:***

* Hands-on lab work - designing, planning, performing experiments to discover and describe negative microbiological effect on the long-term safety of DGR
* Perform molecular-genetics (quantitative PCR, metagenomics), microscopic and data analysis
* Support development and verification of relevant methods and approaches in the field
* Communicate scientific research and results
* Present results at conferences and publish in peer-reviewed journals

***Stipend:***

* PhD stipend and later part-time contract (50%)

***Start:***

* May-June 2021

***We offer:***

* Interesting, heterogeneous and accountable work on Czech as well as international projects with long-term perspective after finishing the PhD studies
* Participation on the international internships and scientific conferences
* 30 days vacation
* Flexible working time
* Day care and children corner for todlers services
* Occupational lodging
* Language courses at the university language school

Are you interested? Please send us before the end of April 2021:

* A detailed CV (with contact information for 2 references; sending references letters yourself is not necessary)
* A motivation letter.
* Optional: (draft) versions of papers that you have submitted/published.
* A detailed transcript of university grades.

Contact person: Mgr. Veronika Hlaváčková, PhD.

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