

Ph.D. STUDENTSHIP IN ARCTIC MICROBIOLOGY

What lives in the glaciers?

Arctic glaciers are melting at unprecedented rates. Large numbers of microbial cells trapped in ice are being released into the surrounding environment. The survival of glacial species after melting, the dangers of their release and their industrial potentials remain largely unknown.



- Three year training with full-time employment within the prestigious Marie Skłodowska-Curie Action Innovative Training Network **MicroArctic – Microorganisms in warming Arctic environments.**
- **Attractive location:** University of Ljubljana in the capital of Slovenia, a vibrant university city surrounded by many cultural and natural landmarks and within easy reach of the neighbouring countries.
- **Additional training** in Bristol and Hamburg as well as at several workshops organised within the training network, several of them located in appealing places such as Iceland and Greenland.

Deadline: 1. 5. 2016
Start of work: summer 2016



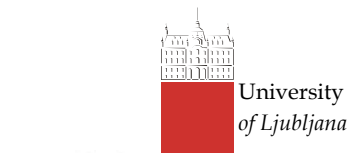
We seek an ambitious and well-trained PhD student with a strong educational background to investigate the microbial diversity of Arctic glacial ice using next-generation sequencing coupled with conventional microbiological methods. Pathogenicity and antibiotic resistance of glacial microorganisms as well as their production of novel pharmaceuticals will also be assessed.

Applications and contact:
Prof Dr Nina Gunde-Cimerman
nina.gunde-cimerman@bf.uni-lj.si
(please send: application, letter of motivation, CV)

Candidates can be of any nationality, but:

- should **not** have worked or studied in Slovenia for more than 12 months in the last 3 years
- should be in the first four years of their research career

The official ITN PDF guide on: <https://tinyurl.com/ITNslovenia>



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