

PhD studentship in Arctic microbiology and biochemistry

Location: Institute of Biology Bucharest, Romania

Starting date: June 1, 2016

We seek a highly motivated, exceptionally qualified PhD student to investigate molecular adaptation mechanisms of Arctic glacier ice microcosm using Next-Generation Sequencing and extremozyme X-ray crystallography. The project focuses on glacier metatranscriptome thermal response and cold-adaptation mechanisms of pyrimidine biosynthesis in psychrophilic microorganisms.

Three year training with full-time employment within the prestigious Marie Skłodowska-Curie Action Innovative Training Network “MicroArctic – Microorganisms in warming Arctic environments”
http://cordis.europa.eu/project/rcn/198298_en.html

Additional training at *Helmholtz-Zentrum Potsdam* (Germany), *Institute of Biosciences and BioResources*, Napoli (Italy), and *Swiss Federal Research Institute*, Zurich (Switzerland), and participation to several workshops organized within the training network.

Candidates can be of any nationality, but should not have worked or studied in Romania for more than 12 months in the last 3 years, and should be in the first four years of their research career.

Applications contact: Dr.Cristina Purcarea cristina.purcarea@ibiol.ro
cristinapurcarea5@gmail.com



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ACADEMIA ROMANA