



NOTICE

POSITION: ASSISTANT RESEARCHER

Position available within the research project entitled: "Enlightening the dark: microbial diversity and functionality in sapropels from Romanian salt lakes (ERebuS)" (code PN-III-P4-ID-PCE-2016-0303, Contract no. 103/2017)

APPLICATION DEADLINE: 21.08.2017 (interview date: 25.08.2017)

Project coordinator: Associate Professor, PhD Horia Leonard BANCIU

Work place: Babeş-Bolyai University,

Faculty of Biology and Geology, Department of Molecular Biology and Biotechnology

DESCRIPTION : - Sampling and in situ measurement of physico-chemical variables of lake water and sediment; Measurement of biological parameters in sapropels; Isolation of microbial strains on selective growth media, Phenotypic and genotypic characterization of microbial isolates; Phylogenetic analysis and identification of microbial isolates through the use of bioinformatics softwares and databases; solation of environmental DNA with dedicated kits and sample preparation for NGS sequencing; Bioinformatic analysis of data generated by NGS; metagenomics analysis of microbiome associated with sapropela and inferences of the main metabolic pathways leading to sapropels' genesis.

Nr. Job Position: 1

RESEARCH FIELDS: Molecular Biology, Biochemistry, Bioinformatics

CAREER STAGE: PhD student

RESEARCH PROFILE: Environmental Molecular Biology, Biochemistry, Genetics/Genomics, Microbiology.

REQUIREMENTS:

Required Educational Level	
DEGREE	Bachelor and Master
DEGREE FIELDS	Biology, Biochemistry
Required Research Experiences	
MAIN RESEARCH FIELDS	Biology, Biochemistry
RESEARCH SUBDOMAIN (area)	Biochemistry, Molecular Biology, Bioinformatics



Years of research experience	2
Required Languages	
LANGUAGE	English
LANGUAGE LEVEL	High (if the candidate spent at least 2-months as exchange student/researcher abroad, the language certificate is not mandatory).
Additional Requirements	
Study / placement mobility abroad with a minimum duration of 2 months	
Member in a research project for at least 2 years	

COMMENT/WEB SITE FOR ADDITIONAL JOB DETAILS: employment period: 1.09.2017 – 31.12.2019 (8 hours/day).

Copies of CV and all documents that fulfill the requirements for the vacant position must be sent via e-mail: horia.banciu@ubbcluj.ro . The selected candidates will be invited for the interview.

Additional details at: Assoc. Prof. Horia Banciu, PhD (project's manager), E-mail address: horia.banciu@ubbcluj.ro