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2023.06.14

### 吕振东 先生的邀请信

亲爱的女士或先生,

我真诚的邀请中国广东省汕头市汕头大学理学院海洋生物研究所的吕振东于 2023 年 7 月 9 日到 2023 年 10 月 7 日期间来访问我所在的捷克科学院分析化学学院的微量元素分析实验室。

吕振东参与我与汕头大学毕然副教授的科研合作项目, 计划来我们实验室深入学习环境样品中的有机砷形态分析与样品前处理相关技术, 包括利用ESI-HPLC-ICP-MS/MS 实现海洋生态系统中不同形态有机砷的分析和样品制备工作。我们实验室在不同环境和生物介质中无机砷和有机砷形态分析方面具有非常丰富的工作经验和技術累积。此次交流, 我们将会针对目前合作研究中海洋生态系统中砷的形态变化规律, 以及国际上砷形态分析标准与信息不足, 在有机砷定性定量方面继续开展深入的合作研究。关于此次学习访问的费用, 汕头大学将承担吕振东的国际交通费、保险费和在布拉格期间的住宿费。我方将给吕振东发放10000捷克克朗/月的生活补贴。

我坚信这次访问和交流将提升吕振东在有机砷形态分析方面的技能和经验, 并且也将进一步促进我们两个实验室长期的科研合作。

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June. 14. 2023

## **Invitation Letter for Mr. Lyu Zhendong**

To whom it may concern,

I sincerely invite Mr. Lyu Zhendong from Marine Biology Institute, Shantou University, China to visit us at Department of Trace Element Analysis, Institute of Analytical Chemistry of the Czech Academy of Sciences from July 9<sup>th</sup> to October 7<sup>th</sup>, 2023.

The purpose of Mr. Lyu Zhendong's visit is to participate the ongoing collaboration between Associate Professor Bi Ran and I on organic arsenic species in the marine ecosystem. We have well established laboratory with all necessary equipment for identification of organic arsenic, which Mr. Lyu Zhendong will be studied under my supervision and carry out analysis together with me for arsenic speciation, especially unknown arsenic species identification using ESI-HPLC-ICP- MS/MS techniques.

Our laboratory has many years of experience on arsenic speciation and trace element determinations in various environmental samples. During Mr. Lyu Zhendong's visit, we will develop a fit for purpose analytical method for organic arsenic species identification and determination in marine samples to improve our understanding of arsenic speciation in marine ecosystems. For Mr. Lyu Zhendong's academic visit, the international travel cost, insurance, and accommodation in Prague will be paid from Shantou University, Institute of Analytical Chemistry of the Czech Academy of Sciences will pay subsidy as 10000 CZK per month. I believe this visit will be deeper our ongoing collaboration for Shantou University and our institute.

Thank you very much for your consideration.

Yours Sincerely

Stanislav Musil