

Fully funded PhD positions in Organic Chemistry & Chemical Biology

Research Topics

Chemical probes for visualizing and modulating biological processes are essential for research in biology and medicine. Traditionally, their chemical synthesis occurs under laboratory conditions, which are not compatible with the complex environments of living systems where the probes are ultimately used. We are intrigued by the idea of constructing state-of-the-art fluorophores and bioactive compounds directly within complex physiological environments, thereby advancing biological and medicinal research.

We are seeking highly motivated students to delve into the exciting field of bioorthogonal chemistry for:

- A) Bioorthogonal synthesis of fluorophores**
- B) Bioorthogonal synthesis of bioactive compounds via photoredox catalysis.**

About us

Our newly established group at the Department of Organic Chemistry, Faculty of Science, Palacky University in Olomouc focuses on the development of innovative chemical tools for use in chemical biology. Our goal is to develop methods with broad applications in biological and medical research. We are a highly interdisciplinary team that emphasizes collaboration and mutual support among members. For more information, please visit our website.



www.markoslab.com

Interested?

Send your application to tanas.markos@gmail.com by including your CV, motivation letter, and names of at least two references. **Deadline:** 31st of July of 2024.

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