



**The third issue of Materials Structure in 2024 contains abstracts from the FEBS 2024  
Advanced Course - Advanced methods in macromolecular crystallization.**

Twenty years ago, the inaugural FEBS crystallization course was held in the Czech Republic, establishing a celebrated tradition for students and postdocs worldwide. Not even pandemics could disrupt its continuity, with the ninth course successfully conducted in August 2021. Owing to its enduring popularity, we organize the tenth-anniversary edition from June 9 to June -15, 2024.

Despite advancements in cryo-EM transforming structural biology, X-ray diffraction remains crucial, especially for studying protein-inhibitor and protein-substrate complexes. However, challenges in the crystallization of biological macromolecules persist. The course aims to bridge the gap between new insights and practical applications, fostering rational approaches to crystallization. Renowned experts will guide students, continuing the tradition of these successful courses and introducing new topics such as fragment screening, intracellular crystallization, and cryo-EM fundamentals.

The course offers a unique learning experience through its blend of theoretical lectures, discussions, and hands-on laboratory experiments, building on the successes of previous editions. Lecturers from past courses accepted invitations as well as new ones and will share their valuable expertise, ensuring participants receive high-quality instruction and mentorship.

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Electronic version of the journal can be found at <http://www.xray.cz/ms> together with the instructions for the authors.

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