



**BIOCEV**



**FACULTY OF SCIENCE**  
Charles University



### Research Scientist for Electron microscopy laboratory

Faculty of Science, Charles University, has an open position for research-technical staff scientist in electron microscopy for Imaging Methods Core Facility at BIOCEV center (<http://imcf.natur.cuni.cz>)

#### Job description:

- Routine and advanced tasks in the field of electron microscopy for life-sciences applications
- Close interaction and communication with facility users and colleagues at the workplace
- Sample preparation, ultrastructural analysis, data processing, evaluation and presentation
- Preparation and optimization of tools and experimental methods
- Work with conventional and advanced laboratory equipment and laboratory IT system
- Independent management of microscopy analysis projects and project documentation
- Co-operation on facility maintenance and operations, including material re-stocking, reagents preparation, instrument calibration and testing etc.
- Assistance with other operations of the facility (user training, organization of practical courses, presentation of facility projects on conferences and workshops)

#### Requirements:

- University degree in biology, chemistry, bio-physics or related fields
- Knowledge of microscopy methods (Practical experience will be an advantage)
- Practical experience with work at laboratory and with laboratory equipment operations
- Diligence, patience, excellent manual skills and consistency at work
- Thorough management of project and laboratory documentation
- Independence and systematic multitasking in project management
- Pro-active approach to learning new methods and following literature and trends in the field
- Good organization and communication skills
- Practical knowledge of English (verbal and written)

#### Advantage may be:

- Experience with teaching and/or tutoring practical courses
- Experience with handling biological material (Biohazard, GMO)
- Experience with digital image analysis, data processing and statistics

#### We offer:

- Access to state-of-the-art microscopy technologies at well-resourced center
- Interesting and non-routine work contributing to excellent research
- Contribution to methods development and research project management
- Introduction and training in advanced imaging methods
- Possibility of curriculum development

**Workplace:** Imaging Methods Core Facility, BIOCEV, Průmyslová 595, Vestec, Prague-West 252 50, Czech Republic

**Contract:** Initially 1 year with 3 months of probation period and perspective of (repetitive) 3-year extension. Full-time staff scientist (VP1 or VP2 grade, classification of Charles University)

**Expected date:** flexible from 1.1.2023 (subject to mutual agreement)

In case of interest, please submit your structured CV and motivation letter by email to:  
[kadlecokr@natur.cuni.cz](mailto:kadlecokr@natur.cuni.cz)

The job offer stays open until position is filled.

In case of further questions related to this position offer, please contact us on above email address.