

**Affiliation:** Masaryk University, Faculty of Medicine  
**Study program:** PhD program Biomedical Sciences  
**Specialization:** Biochemistry and Molecular Biology  
**Workplace:** Department of Biology, Faculty of Medicine  
**Mode:** Full-time

**Supervisor:** Dr. Nicola Silva (silva@med.muni.cz)  
**Lab's website:** [optional]

**Title:** Identification and functional analysis of novel factors driving meiotic chromosome segregation in *Caenorhabditis elegans*

**Brief annotation:** We are interested in identifying new factors involved in promoting faithful chromosome segregation during meiosis. From previous mass spectrometry-based screenings we have isolated several uncharacterized proteins that seem to hold important roles in crossover formation and DNA repair.

**Funding:** GAČR

**Requirements:** Strong skills in molecular biology, cytological analyses and biochemistry are highly desirable however not essential. Curiosity, a zest for knowledge and strong commitment are essential requirements. Strong communication and organization skills are also necessary.

**Masaryk University, Faculty of Medicine**

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