

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**

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: **Institutional support**

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.

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