



Martin Ondra

M.Sc.

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Olomouc, Czech Republic

I am a researcher at the Faculty of Medicine and Dentistry, Palacky University Olomouc, and a Ph.D. candidate in the field of molecular biology and experimental medicine. My interests revolve around the strategic research and development of novel high-throughput screening tools. My research focuses on developing new HTS methods for drug discovery to treat various chronic diseases.

WORK EXPERIENCE

Researcher

Institute of molecular and translational medicine (IMTM)

09/2017 - Present

Czech Republic

Laboratory of experimental medicine

Teaching assistant

Palacký University Olomouc, Faculty of Science

2018 - 2020

Czech Republic

Exercises in bioorganic chemistry

- Isolation of RNA and reverse transcription
- Isolation of DNA, spectrofotometry, gel electrophoresis

EDUCATION

Ph.D.

Palacký University Olomouc, Faculty of Medicine

09/2017 - Present

Czech Republic

Courses

- Pediatrics
- The role of ribosomal proteins and ribosomal stress in DNA damage

Master degree

Palacký University Olomouc, Faculty of Science

09/2015 - 05/2017

Czech Republic

Courses

- Molecular and cell biology
- Cell model of ribosomal stress

Bachelor degree

Palacký University Olomouc, Faculty of Science

09/2012 - 06/2015

Czech Republic

Courses

- Molecular and cell biology
- Molecular cytogenetic analysis of labeled plasma cells and the monitoring of clonal evolution in multiple myeloma

SKILLS

PCR

Imunochemistry

FISH

CRISPR/Cas9

Western Blotting

SDS PAGE

Microbiology

Tissue Cultures

Confocal Microscopy

Electrophoresis

ACHIEVEMENTS

Research intern, McGill University Health Centre, Montreal, Canada (01/2020 - 06/2020)

Development of new screening tools for Cystic fibrosis

CERTIFICATES & COURSES

Multiplex Protein Analysis (12/2013)

Workshop, DataLab, Olomouc, Czech Republic

Translational Research and Medicine Development (11/2019)

TMex course, EATRIS, Barcelona, Spain

LANGUAGES

English

Professional Working Proficiency

Russian

Limited Working Proficiency