

# MARTIN KONHEFR

Clinical Researcher

## CONTACTS

*email* [m.konhefr@seznam.cz](mailto:m.konhefr@seznam.cz)  
*website* <https://martin.konhefr.com>  
*LinkedIn* <https://www.linkedin.com/in/martin-konhefr/>  
*telephone* (+420) 705 911 854

## RESUME

Ph.D. from (bio)chemical sciences on the edge of fields of organic synthesis of potentially bioactive compounds and their analytics, I've long held an interest in therapeutic topics at least for last several years. After my former scientific studies at academia where I gained significant experience with general research and management of scientific projects like grants and their proposals or consulting with students in research groups, I'm eager to shift my career into clinical pharmaceutical industry where is more real opportunity for improving people's lives than in general research. I'm looking for an entry to a clinical research and initial experience in the industry to start afresh in.

## EDUCATION

*Doctoral study* 2015-2021 Masaryk University, Brno, Czech Republic  
 Field of study: Biochemistry · Faculty of Science  
 Training institute: research group Nanobiotechnology, CEITEC MU  
 Dissertation thesis: *New potential applications of interactions of boronic acids with emphasis to electrochemically active derivatives*  
 Supervisor: Assoc. Prof. RNDr. Petr Skládal, CSc.

## WORK EXPERIENCE

*Masaryk University, CEITEC* 2012-2022 Research Scientist, MASARYK UNIVERSITY and CEITEC  
 Designed, prepared and worked with new chemical compounds with programmable and switchable properties which were able to exist in one of the binary states depending on a stimulus. Experience with design and coding information and tasks into molecules able to work as smart devices. Collaborated on topics with potential therapeutics, e.g., when studied the redox-dependent cytotoxicity of ferrocene derivatives and reactive oxygen species-activated prodrugs.

## SELECTED INTERNSHIPS AND SUMMER SCHOOLS

*Internships* 2022 Rennes Institute of Chemical Sciences, Rennes, France  
 Nanocomposite-based surface modifications of ZnO electrodes · Mobility support – MŠMT TAČR project · Supervisor – Prof. Lubomír Špaňhel · 4. 4. – 15. 6. 2022

2019 Josai University, Department of Pharmaceutical Sciences,  
Sakado, Japan

Electrochemistry of Fc-labelled worm-like micelles · Scholarship – Erasmus+ ICM ·  
Supervisor – Assoc. Prof. Yuya Egawa · 5. 3.–5. 6. 2019

2018 University of Bath, Department of Chemistry, Bath, UK

Synthesis, structural characterisation and electrochemistry of diferrocenylborinic acid ·  
Scholarship – Freemover · Supervisors – Prof. Frank Marken and Prof. Tony D. James ·  
15. 3.–15. 6. 2018

2019 Institute of Organic Chemistry and Biochemistry, Prague

Summer schools

6th Prague-Weizmann Summer School – Advances in Drug Discovery · 1.–6. 9. 2019

## SOFT SKILLS

*Team player* – closely co-worked with specialists in various research methods

*Research skills* – developed strategies to push my research experiments further

*Curiosity and pro-activity* – self-organized and fulfilled e.g. my internship in Japan

*Tech transfer-oriented* – hold a co-authorship of one patent from former laboratory

*Coordination* – co-managed one grant from Czech Science Foundation

*Cooperation* – worked with and gave help to other colleagues in different, even intl. labs

*Leading* – daily consulted with foreign younger students over 2 semesters

*Teaching* – taught 3 semestral laboratory courses in biochemistry and organic chemistry

*Presenting* – gave several talks and poster sessions at international conferences

*High motivation for self-education, fast learner* – absorbing information wherever I'm

*Precision, quality control* – I simply endorse and like to produce quality over quantity

*Technical/systematical/structured point of view at a problem solving* – I'm a scientist

*Persistence and adaptability* – found new ways to synthesize wanted compounds

*Analytical and critical thinking* – processed and analyzed plenty of various scientific data

*Discipline* – worked in lab over days and studied for pilot license over evenings

*Good time-management* – did all pilot exams during preparation for internship in tight

*Decision making and improvisation abilities* – I'm a pilot; weather can be changing

*Positive and growth mindset* – achieved PhD or car, pilot and boat skipper licenses

*Coping with stress* – trained for physical and mental within medical course of pilot license

*Organization* – organize summer camps for children, serve as a team leader for them

*Planning* – prepare travels both in pre-planned and last-minute manner by my own

## OTHER INFORMATION

Language skills

CZECH · native

ENGLISH · active, level B2

Interests

reading · flying · soaring · sailing · biking · travelling · being in nature ·

gardening · mushrooming · beer brewing · dancing · coding · photo/video editing

February 6, 2023