

Klára Procházková

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PhD Student

Palacký University Olomouc

Institute of Experimental botany, Czech Academy of Sciences

The Czech republic (CZ)

Education:

- **2012:** Graduation on Gymnasium Šumperk CZ
- **2015:** Bachelor degree in Biochemistry, Faculty of Science, Masaryk university, Brno CZ
- **2016:** Spring Term: Erasmus studies in program: Biodiversity, conservation and restoration, Faculty of Science, University Antwerpen, Antwerp BE
- **2018:** Master degree in Biochemistry, Faculty of Science, Masaryk university, Brno CZ

Thesis:

- Bachelor thesis
Supervisor: Mgr. Eva Sýkorová CSc., Institute of the Biophysics, Czech Academy of Sciences, Brno, CZ:
Protein-protein interactions in multiprotein complexes involved in DNA replication
- Master thesis
Supervisor: Mgr. Eva Sýkorová CSc., Institute of the Biophysics, Czech Academy of Sciences, Brno, CZ:
Functional influence of chromosome end maintenance in plant gene mutants of multiprotein complexes involved in DNA replication

My PhD:

- Supervisor: Dr. habil. Aleš Pečinka, PhD., Institute of Experimental botany, CAS, Olomouc, CZ
Identification of genes involved in repair of toxic DNA-protein crosslinks in Arabidopsis thaliana
(Genetic forward screen in Arabidopsis thaliana mutagenized population)

Publications:

Boudichevskaia, A., Houben, A., Fiebig, A., **Prochazkova, K.**, Pecinka, A., Lermontova, I., 2019. Depletion of KNL2 Results in Altered Expression of Genes Involved in Regulation of the Cell Cycle, Transcription, and Development in Arabidopsis. International Journal of Molecular Sciences 20, 5726. <https://doi.org/10.3390/ijms20225726>

Nowicka, A., Tokarz, B., Zwyrtková, J., Tomašíková, E.D., **Procházková, K.**, Ercan, U., Finke, A., Rozhon, W., Poppenberger, B., Otmar, M., Niezgodzki, I., Krečmerová, M., Schubert, I., Pecinka, A., n.d. Comparative analysis of epigenetic inhibitors reveals different degrees of interference with transcriptional gene silencing and induction of DNA damage. The Plant Journal n/a. <https://doi.org/10.1111/tpj.14612>