

### List of published articles

**Zelba, O.**, Hanzalová, A., Dumalasová, V., & Viehmannová, I. (2022). Analyzing wheat cultivars grown in Czech Republic for eight stem rust resistance genes. *European Journal of Plant Pathology*, 162, 221–230. <https://doi.org/10.1007/S10658-021-02397-3>

Hanzalová, A., & **Zelba, O.** (2022). Leaf rust (*Puccinia triticina* Eriks) resistance genes in wheat cultivars registered in the Czech Republic. *Journal of Plant Diseases and Protection*, 1–7. <https://doi.org/10.1007/S41348-022-00625-4>

Hanzalová, A., Dumalasová, V., & **Zelba, O.** (2021). Virulence in the *Puccinia triticina* population in the Czech Republic and resistance genes in registered cultivars 1966–2019. *Euphytica*, 217(1). <https://doi.org/10.1007/s10681-020-02733-4>

Hanzalová, A., Dumalasová, V., & **Zelba, O.** (2020). Wheat leaf rust (*Puccinia triticina* Eriks.) virulence frequency and detection of resistance genes in wheat cultivars registered in the Czech Republic in 2016–2018. *Czech Journal of Genetics and Plant Breeding*, 56(3), 87–92. <https://doi.org/10.17221/86/2019-CJGPB>

### List of conference contributions

Poster: Wheat leaf rust (*Puccinia triticina* Eriks.) virulence frequency and detection of resistance genes in wheat cultivars registered in the Czech Republic in 2016–2018. **Borlaug Global Rust Initiative Technical Workshop 2020**, 7–9 October, 2020. Virtual

Poster: Wheat resistance to rust diseases in Czech Republic negatively correlates with baking quality and mostly relies on *Lr37/Yr17/Sr38* gene cluster. **16th ICC Cereal and Bread Congress hosted by International Association for Cereal Science and Technology**, 29–31 March, 2021. Virtual

Poster: Physiologic specialization of wheat leaf rust (*Puccinia triticina* Eriks.) in the Czech Republic in 2016–2021. **International Cereal Rusts and Powdery Mildews Conference 2022**, 31st August – 2nd September 2022, Cambridge, UK

Oral presentation: Výskyt rzí v Evropě v posledních pěti letech (Wheat rusts in Europe during last five years). **Pšenice 2022 hosted by Crop Research Institute**, 1–2 December 2022, Prague, Czech Republic