

# Dr Zofia Banaszak

## DANKO Hodowla Roślin sp. z o.o.z/s w Choryni

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### ACADEMIC AND RESEARCH CAREER

1974 Agricultural Academy-MSc Pń, 1989: postgraduate studies Kraków, 2004: PhD, Institute of Plant Genetics Pń,

### MAJOR RESEARCH PROJECTS

The contractor of NCBR projects: POLSOJA, 2014-2017, ISOR, 2015-2017, 2014-2020, POIR 01.01.01-00-1363/15

### RESEARCH VISITS

3 months fellowship in Sweden, 2 visits in CIMMYT, participation in 17 international conferences and workshops, 6 oral presentations, many visits in breeding companies in EU

### PUBLICATION (5 MAJOR PUBLICATIONS, LAST 5 YEARS)

1. Ługowska B., Kaczmarek Z., Langner M., Salmanowicz B. P., **Banaszak Z.**, Surma M., Adamski T., 2015. Variability of wheat DH lines regarding quality parameters assessed by multivariate analyses. 9th International Wheat Conference; 20-25 09 2015, Sydney, Australia.
2. Oleszczuk S., **Banaszak Z.** (2016) „Triticale”, Mason Annaliese S (Ed) Polyploidy and Hybridization for Crop Improvement, Taylor & Francis Group, 6000 Broken Sound Parkway NW, Suite 300, Boca Raton, FL 33487-2742, Print ISBN: 978-1-4987-4066-1, eBook ISBN: 978-1-4987-4068-5, pp 281-317, DOI: 10.1201/9781315369259-12.
3. Rakoczy-Trojanowska M., Krajewski P., Bocianowski J., Schollenberger M., Wakuliński W., Mileczarski P., Masojć P., Targońska-Karasek M., **Banaszak Z.**, Banaszak K., Brukwiński W., Orczyk W., Kilian A., 2017. Identification of Single Nucleotide Polymorphisms Associated with Brown Rust Resistance,  $\alpha$ -Amylase Activity and Pre-harvest Sprouting in Rye (*Secale cereale* L.)” Plant Mol. Biol. Rep. 35, 366-378, <https://doi.org/10.1007/s11105-017-1030-6>.
4. Hordyńska N., Szechyńska-Hebda M., Sobczak M., Różańska E., Troczyńska J., **Banaszak Z.**, Wędzony M., 2018. Metabolic Changes during Reprogramming of Wheat and Triticale Microspores. 20th International Conference on Plant Physiology and Pathology, 13-14 09 2018, Zurich, Switzerland, e-poster.
5. Hordyńska N., Troczyńska J., **Banaszak Z.**, Karpiński S., Szechyńska-Hebda M., 2018. Impact of Intelligent Plant Lighting System (IPLS) on vernalization process of triticale and wheat. 7th International Conference For Young Researchers. Multidirectional Research in Agriculture, Forestry and Technology, University of Agriculture in Krakow, 16-17 April 2018, Krakow, poster.

### CO-AUTHOR OF VARIETIES:

Co-author of: winter triticale (24 varieties), spring triticale (8), other cereals, legumes and grasses (56).