

**Dr. Dejan Dodig, small grain cereals breeder, scientific advisor**

1. **Dodig, D.**, M. Zorić, V. Kandić, D. Perović and G. Šurlan-Momirović (2012): Comparison of responses to drought stress of 100 wheat accessions and landraces to identify opportunities for improving wheat drought resistance. *Plant Breeding* **131** (3): 369-379.
2. **Dodig, D.**, M. Zorić, D. Knežević, S.R. King and G. Šurlan-Momirović (2008): Genotype × environment interaction for wheat yield in different drought stress conditions and agronomic traits suitable for selection. *Aust. J. Agr. Res.* **59** (6): 536-545.
3. **Dodig D.**, M. Zorić, B. Kobiljski, J. Savić, V. Kandić, S.A. Quarrie and J. Barnes (2012): Genetic and association mapping study of wheat agronomic traits under contrasting water regimes. *Int. J. Mol. Sci.* **13** (5): 6167-6188.
4. **Dodig D.**, M. Zorić, B. Kobiljski, G. Šurlan-Momirović and S.A. Quarrie (2010): Assessing drought tolerance and regional patterns of genetic diversity among spring and winter bread wheat using simple sequence repeats and phenotypic data. *Crop Pasture Sci.* **61** (10): 812-824.
5. Quarrie, S.A., S.Pekić-Quarrie, R. Radošević, D. Rančić, A. Kaminska, J.D. Barnes, M. Leverington, C. Ceoloni and **D. Dodig** (2006): Dissecting a wheat QTL for yield present in a range of environments: from the QTL to candidate genes. *J. Exp. Bot.* **57** (11) 2627-2637.
6. Quarrie, S.A., A. Steed, C. Calestani, A. Semikhodskii, C. Lebreton, C. Chinoy, N. Steele, D. Pljevljakusić, E. Waterman, J. Weyen, J. Schondelmaier, D.Z. Habash, P. Farmer, L. Saker, D.T. Clarkson, A. Abugalieva, M. Yessimbekova, Y. Turuspekov, S. Abugalieva, R. Tuberosa, M.C. Sanguineti, P.A. Hollington, R. Aragués, A. Royo and **D. Dodig** (2005): A high density genetic map of hexaploid wheat (*Triticum aestivum* L.) from the cross Chinese Spring x SQ1 and its use to compare QTLs for grain yield across a range of environments. *Theor. Appl. Genet.* **110** (5): 865-880.
7. Škrbić, B., S. Milovac, **D. Dodig** and B. Filipčev (2009): Effects of hull-less barley flour and flakes on bread nutritional composition and sensory properties. *Food Chem.* **115** (3): 982-988.
8. Zorić, M., **D. Dodig**, N. Kobiljski, S.A. Quarrie and J. Barnes (2012): Population structure in a wheat core collection and genomic loci associated with yield under contrasting environments. *Genetica*, **140** (4-6): 259-275.
9. Žilić S., Hadži-Tašković Šukalović V., **Dodig D.**, Maksimović V., Maksimović M., Basić Z. (2011): Antioxidant activity of small grain cereals caused by phenolics and lipid soluble antioxidants. *J. Cereal Sci.* **54** (3): 417-424.