

**Publications**  
**Diter H. von Wettstein**

**Publications 1997-2012 [in reverse order] of the von Wettstein Laboratory  
[R.A. Nilan Distinguished Professorship, School of Molecular Biosciences and Department  
of Crop and Soil Sciences, Washington State University]**

- Wen, S., W.Nuan, P. Jinsong, G. Langen, A.T.R. Brew-Appiah, J. H. Mejias, C. Osorio, M. Yang, R. Gemini, C.P. Moehs, R.S. Zemetra, K.-H. Kogel, B.Liu, X. Wang, D. von Wettstein, S. Rustgi (1012) Structural genes of wheat and barley 5-methylcytosine DNA glycosylases and their potential applications for human health. Proc. Natl. Acad. Sci. U S A. 109, 20543--20548.
- Mueller AH, C.Dockter, S.P. Gough, U. Lundqvist, D. von Wettstein, M. Hansson (2012) Characterization of mutations in barley fch2 encoding chlorophyllide a oxygenase. Plant Cell Physiol. 53(7):1232-46. doi: 10.1093/pcp/pcs062.
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- Khatabi, B., A. Molitor, C. Lindermayr, S. Pfiffi, J. Durner, D. von Wettstein, K.-H. Kogel, P. Schäfer (2012) Ethylene supports colonization of plant roots by the mutualistic fungus *Piriformospora indica*. PLoS ONE 7: 4 e35502
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- Lee H., S. Rustgi, N.Kumar, I. Burke, J.P. Yenish, K.S. Gill, D.von Wettstein, and S.E. Ullrich (2011).Single nucleotide mutation in the barley acetohydroxy acid synthase (AHAS) gene confers resistance to imidazolinone herbicides. Proc. Natl. Acad. Sci. U S A. 108 (21), 8909-13. Epub 2011 May 5. PMID: 21551103.
- Samol I, F. Buhr, A.Springer, S. Pollmann, A. Lahroussi, C.Rossig, D.von Wettstein, C. Reinbothe and S. Reinbothe (2011) Implication of the oep16-1 mutation in a flu-

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