

CURRICULUM VITAE  
**ANTJE CHRISTIN FELLER**

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**EDUCATION**

- October 2004 – present **Ph.D. Thesis Research**, MCDB Program, The Ohio State University, Columbus, OH  
Advisor: Dr. Erich Grotewold
- October 1998 – November 2002 **Diploma in Biotechnology**, University of Applied Sciences, Berlin, Germany  
Thesis title: Control of Gene Expression by Maize Helix-loop-helix Protein R
- September 1995 – February 1998 **Bachelor of Chemistry**, GeoForschungsZentrum (national research center for Geosciences), Potsdam, Germany

**AWARDS**

Best Student Speaker Award at the 2005 American Society of Plant Biologists (ASPB) Conference, St. Louis, MO

**RESEARCH EXPERIENCE**

- October 2004 – present **Doctoral Student Researcher**, Molecular, Cellular and Developmental Biology Program, The Ohio State University, Columbus, OH
- September 2003 – September 2004 **Visiting Scholar**, Department of Plant Biology, The Ohio State University, Columbus, OH
- March 2002 – September 2002 **Visiting Scholar**, Department of Plant Biology, The Ohio State University, Columbus, OH
- September 2000 – March 2001 **Visiting Scholar**, Department of Plant Biology, The Ohio State University, Columbus, OH
- November 1999 - August 2000 **Undergraduate Research Assistant**, Max Planck Institute for Molecular Plant Physiology, Potsdam (Golm), Germany

## TEACHING EXPERIENCE

spring quarter 2006

**Teaching Assistant**, The Ohio State University, Columbus, OH; taught 1 quarter of Introductory Biology 113

summer quarter 2005

**Coordinator**, Practical Summer Workshop in Functional Genomics, The Ohio State University, Columbus, OH

january 2003 - september 2003

**Instructor**, Advanced Courses in Biotechnology and Molecular Biology, Training Center for Professional Education, Berlin, Germany

## PUBLICATIONS

Poustka F, Irani NG, **Feller A**, Lu Y, Pourcel L, Frame K, Grotewold E (2007) A Trafficking Pathway for Anthocyanins Overlaps with the Endoplasmic Reticulum-to-Vacuole Protein Sorting Route in Arabidopsis and Contributes to the Formation of Vacuolar Inclusions. *Plant Physiol.* **145**: 1323-1335

\*Hernandez, JM, \***Feller A**, \*Morohashi K, Frame K, Grotewold E. (2007) The Basic-helix-loop-helix Domain of Maize R Links Transcriptional Regulation and Histone Modifications by Recruitment of an EMSY-related Factor. *Proc. Natl. Acad. Sci. USA* **104**: 17222-17227 (\*these authors contributed equally to the work)

**Feller, A**, Hernandez JM, Grotewold E. (2006) An ACT-like Domain Participates in the Dimerization of Several Plant Basic-helix-loop-helix Transcription Factors. *J. Biol. Chem.* **281**: 28964-28974

Hernandez JM, Heine GF, Irani NG, **Feller A**, Kim MG, Matulnik T, Chandler VL, Grotewold E. (2004) Different Mechanisms Participate in the R-dependent Activity of the R2R3 MYB Transcription Factor C1. *J. Biol. Chem.* **279**:48205-48213

## PRESENTATIONS / POSTER

**Feller, A.**, Hernandez, JM, Grotewold, E. 2007. An ACT-like Domain Participates in the Dimerization of Several Plant Basic-helix-loop-helix Transcription Factors. 49<sup>th</sup> Annual Maize Genetics Conference, St. Charles, IL (talk)

**Feller, A.**, Hernandez, JM, Grotewold, E. An ACT-like Domain Participates in the Dimerization of Several Plant Basic-helix-loop-helix Transcription Factors. 2007 OSU Molecular Life Sciences Interdisciplinary Graduate Programs Symposium (poster)

**Feller, A.**, Hernandez, JM, Grotewold, E. A Novel Domain Mediates the Dimerization of the Maize bHLH Factor R. 2005 Midwest ASPB sectional meeting, St. Louis, MO (talk)