

## Tabular *curricula vitae* of the SPP1710 members and associated partners including their 5 most important publications

### Zachgo, Sabine

#### General Information

Name: Zachgo, Sabine  
Academic title: Prof. Dr.  
Gender: Female  
Institute address: Botany Department  
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Current position/status: Professor (W3)  
Children: 1 son



#### Academic Education and Qualifications

1984-1988 Studies of Biology, University of Würzburg  
1988-1989 Studies of Biology, Duke University, North Carolina, USA  
1990-1991 Diploma thesis, EMBL, Heidelberg  
1992-1995 PhD thesis, Max-Planck-Institute for Plant Breeding Research (MIPZ), Cologne, Plant Molecular Genetics (*summa cum laude*)

#### Professional Career

1996 Postdoc, University of Cologne  
1997 Visiting scientist, University of British Columbia, Vancouver  
1998 Postdoc, MIPZ, Plant Molecular Genetics  
1999-2007 Group leader, Department of Molecular Plant Genetics, MIPZ  
2005 Habilitation in Botany, University of Cologne  
Since 2007 Professor, Botany Department, Osnabrück University  
Since 2007 Director of the Botanical Garden of the Osnabrück University  
Since 2009 Head of the German genebank project 'Wildpflanzen für Ernährung und Landwirtschaft' (WEL, BMELV)  
Since 2013 Head of the national 'WIPs-De' project (Wildpflanzenschutz-Deutschland, Federal Agency of Nature Conservation)

2013/2014 Dean of the Faculty of Biology/Chemistry, University Osnabrück

### Professional Awards

1988-1989 DAAD scholarship supporting studies at Duke University, USA  
1996 Otto-Hahn-Medal of Max-Planck-Society for the PhD thesis  
1997 Max-Planck-Society travel scholarship  
Böhringer Ingelheim Foundation travel scholarship  
1999-2001 Lise Meitner scholarship for a junior group leader position

### Publications (5 selected publications)

1. Xing S, Rosso MG, **Zachgo S (2005)** *ROXY1*, a member of the plant glutaredoxin family, is required for petal development in *Arabidopsis thaliana*. **Development** 132, 1555-1565
2. Busch A, **Zachgo S (2007)** Control of corolla symmetry in the Brassicaceae *Iberis amara*. **Proc Natl Acad Sci USA** 104, 16714-16719
3. Xing S and **Zachgo S (2008)** *ROXY1* and *ROXY2*, two CC type glutaredoxin genes, together control anther development in *Arabidopsis thaliana*. **Plant J** 53, 790-801
4. Li S, Lauri A, Ziemann M, Busch A, Bhave M, **Zachgo S (2009)** Nuclear activity of *ROXY1*, a glutaredoxin interacting with TGA factors, is required for petal development in *Arabidopsis thaliana*. **The Plant Cell** 21, 429-441
5. Li S, **Zachgo S (2013)** TCP3 interacts with R2R3-MYB proteins, promotes flavonoid biosynthesis and negatively regulates auxin response in *Arabidopsis thaliana*. **Plant J** 76, 901 -913.