宋炜

职　　称：高级实验师

邮　　箱：2021026@njau.edu.cn

联系电话：025-84399802

办公地址：南京农业大学第三实验楼二期 211 室

研究方向：

植物蛋白质组学，蛋白质修饰

教育经历：

2009.01 – 2014.02 荷兰瓦赫宁根大学植物生理学院，理学博士

2002.09 – 2005.07 山西农业大学生命科学学院，理学硕士

1998.09 – 2002.07 山西农业大学园艺学院，农学学士

工作经历：

2021.05 – 至今 南京农业大学植物保护学院，高级实验师

2020.04 – 2021.04 诺坦普科技（北京）有限公司，应用专家

2018.01 – 2020.03 青岛苏贝尔作物营养有限公司，研发经理

2016.03 – 2017.12 荷兰瓦赫宁根大学植物生理学院，访问学者

2014.03 – 2016.02 德国马普植物分子育种研究所，博士后

2006.09 – 2008.12 荷兰瓦赫宁根大学生命科学学院，访问学者

代表性科研成果：

1. Wang Y.; Gupta R.; **Song W.;** Huh HH.; Lee S.E.; Wu J.; Agrawal G.K.; Rakwal R.; Kang K.Y.; Park S.R.; Kim S.T. (2017) Label-free quantitative secretome analysis of *Xanthomonas oryzae pv. oryzae* highlights the involvement of a novel cysteine protease in its pathogenicity. *Journal of Proteomics* 169: 202-214.
2. **Song, W.;** Mentink, R.; Henquet, M.G.L.; Cordewener, J.H.G.; Dijk, A.D.J., van; Bosch, H.J.; America, A.H.P.; Krol, A.R., van der. (2013) *N*-glycan occupancy of *Arabidopsis N*-glycoproteins. *Journal of Proteomics* 93: 343-355.
3. Bouwmeester, Klaas; Han, Miao; Blanco-Portales, Rosario; **Song, Wei**; Weide, Rob; Guo, LiYun; van der Vossen, Edwin; Govers, Francine. (2013) The *Arabidopsis* lectin receptor kinase LecRK-I.9 enhances resistance to *Phytophthora infestans* in Solanaceous plants. *Plant Biotechnology Journal* 12(1): 10-16.
4. Grace Armijo1, Paula Salinas, Mariela Inés Monteoliva, Consuelo García, Aldo Seguel, **Wei Song**, Alexander Ronald van der Krol, María Elena Álvarez and Loreto Holuigue. (2013) A Salicylic acid-induced lectin-like protein plays a positive role in the effector-triggered immunity response of *Arabidopsis thaliana* to *Pseudomonas syringae* Avr-Rpm1. *Molecular Plant-Microbe Interactions* 36(12): 1395-1406.
5. **Song, W.;** Henquet, M.G.L.; Mentink, R.; Dijk, A.D.J., van; Cordewener, J.H.G.; Bosch, H.J.; America, A.H.P.; Krol, A.R., van der. (2011) *N*-glycoproteomics in plants: perspectives and challenges. *Journal of Proteomics* 74(8): 1463-1474.
6. Julia J Volman; Johannes P.F.G. Helsper; **Song Wei**; Johan J.P. Baars; Leo J.L.D. van Griensven; Anton S.M. Sonnenberg; Ronald P. Mensink; Jogchum Plat. (2010) Effects of mushroom-derived *ß*-glucan rich polysaccharide extracts on nitric oxide production by bone marrow-derived macrophages and nuclear factor-kB transactivation in Caco-2 reporter cells: Can effects be explained by structure? *Molecular Nutrition & Food Research* 54(2): 268-276.

7. Shnyreva, A.V.; **Song, W.**; Griensven, L.J.L.D. van. (2010) Extracts of medicinal mushrooms *agaricus bisporus* and *phellinus linteus* induce proapoptotic effects in the human leukemia cell line K562. *International Journal of Medicinal Mushroom* 12(2): 167-175.
8. **Song, W.**; Griensven, L.J.L.D. van. (2008) Pro-and antioxidation properties of medicinal mushroom extracts. *International Journal of Medicinal Mushroom* 10(4): 315-324.
9. **Song, W.**; Helsper, J.P.F.G.; Griensven, L.J.L.D. van. (2008) Phenolic compounds present in medicinal mushroom extracts generate reactive oxygen species in human cells in vitro. *International Journal of Medicinal Mushroom* 10(1): 1-13.