

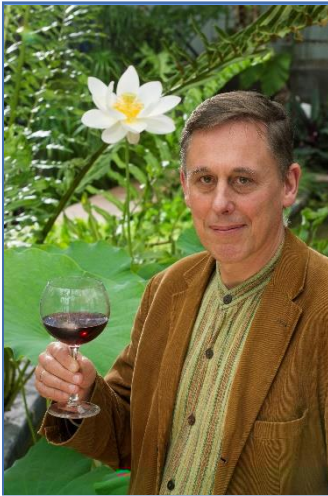


# 南京农业大学园艺学院

## 系列学术讲座



## How to get viticulture resilient against climate change?



**Prof. Dr. Peter Nick**

**Prof. Dr. Peter Nick** is professor and the director of the Institute of Botany at the Karlsruher Institut für Technologie (KIT) Germany.

Prof. Nick received his doctorate from the University of Freiburg in 1990. His laboratory works on cellular biotechnology, plant stress, and applied biodiversity. A focus has been on grapevine immunity and the role of the plant cytoskeleton. He has published 166 SCI papers, e.g. in *Nat Commun*, *New Phytol*, *J Exp Bot*, *Plant Cell & Env*. In addition, Prof. Nick is editor-in-chief of the cell biology journal *PROTOPLASMA* (Springer-Nature).

### Recent publications

- Khattab IM, Sahi VP, Baltenweck R, Grondard AM, Huguency P, Bieler E, Dürrenberger M, Riemann M, Nick P (2021) Ancestral chemotypes of cultivated grapevine with resistance to Botryosphaeriaceae related Dieback allocate metabolism towards bioactive stilbenes. *New Phytologist* 229, 1133-1146
- Zhang K, Durst S, Zhu X, Hohenberger P, Han MJ, An GH, Sahi V, Riemann M, Nick P (2021) A rice tubulin tyrosine ligase like 12 protein affects the dynamic and orientation of microtubules. *J Int Plant Biol*, *J Int Plant Biol* doi: 10.1111/jipb.13059
- Wang L, Sadeghnejad E, Nick P (2020) Upstream of gene expression - what is the role of microtubules in cold signalling? *J Exp Bot* 71, 36-48
- Guan P, Terigele, Schmidt F, Riemann M, Fischer J, Thines E, Nick P (2020) Hunting modulators of plant defence - the Grapevine Trunk Disease fungus *Eutypa lata* secretes an amplifier for plant basal immunity. *J Exp Bot* 71, 3710-3724

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