

# BIOGRAPHY

13/05/2010



---

**Title and name**

Dr. Stephan Winter

---

---

**Nationality**

German

---

---

**Panel**

Plant Health

---

---

**Education**

1988; Ph.D. in Agriculture (Dr. agr.)

1982; Diploma in Agriculture (Dipl.-Ing. agr.)

---

---

**Scientific and risk assessment experience**

Primary diagnosis of plant viruses, new description of pathogens; characterisation of emerging virus diseases; development of serological reagents and molecular tests for virus diagnosis; establishment of virus and viroid indexing routines. Viruses infecting tropical root&tuber crops, banana, plantains, cassava, sweet potato and yam. Virus genome variation in relation to plant disease, epidemiology & host plant resistance; Viruses in the environment, virus / vector interaction and virus transmission by insects.

Risk assessment of newly emerging virus diseases in horticultural and agricultural crops; Risk assessment of genetically modified plants in the environment

---

---

**Main scientific publications**

Plant virus detection and identification, disease characterisation and epidemiological aspects of plant virus diseases;

Winter S, Koerbler M, Stein B, Pietruszka A, Paape M, Butgereitt A (2010). Analysis of cassava brown streak viruses reveals the presence of distinct virus species causing cassava brown streak disease in East Africa S. J Gen Virol 91: 1365 – 1372

Massah, A., Izadpanah, K., Afsharifar, R., Winter, S. (2008) Analysis of nucleotide sequence of Iranian maize mosaic virus confirms its identity as a distinct nucleorhabdovirus. Arch Virol. 6: 1041-7.

Dizadji A., Koohi-Habibi, M., Izadpanah, K., Mossahebi, G.H. and Winter, S. (2008). Characterisation of lettuce virus X, a new potexvirus infecting lettuce in Iran. Arch. Virol.153:1867-75.

Koenig, R., Lesemann, D.-E., Adam, G. and Winter, S. (2008). Diagnostic techniques for plant viruses. Encyclopedia of Virology

Caciagli, P., Janssen, D., Louro, D., Winter, S. (2007). European and Mediterranean Plant Protection Organization. Cucumber vein yellowing virus (Ipomovirus), Diagnostic protocol, Bulletin OEPP/EPPO Bulletin 37, 554-559

Abang, M.M., Asiedu, R., Hoffmann, P., Wolf, G.A., Mignouna, H.D. and Winter, S. (2006). Pathogenic and genetic variability among *Colletotrichum gloeosporioides* isolates from different yam hosts in the agroecological zones in Nigeria. J. Phytopath. 154, 51-61.

Ariyo, O. A., Koerbler, M., Dixon, A.G.O., Atiri, G.A. & Winter, S. (2005). Molecular variability and distribution of Cassava mosaic begomoviruses in Nigeria. Journal of Phytopathology 153, 1-6.

Traore, O., Sorho, F., Pinel, A., Abubakar, Z., Banwo, O., Maley, J., Hebrard, E., Winter, S., Sere, Y., Konate, G., Fargette, D. (2005). Processes of diversification and dispersion of Rice yellow mottle virus inferred from large-scale and high-resolution phylogeographical studies. Molecular Ecology 14: 2097-2110.

Were, H.K., Winter, S. & Maiss, E. (2004). Viruses Infecting Cassava in Kenya. Plant Disease 88, 17-22.

Abdullahi, I., Winter, S., Atiri, G.I. & Thottappilly G. (2003). Molecular characterization of whitefly, *Bemisia tabaci* (Hemiptera: Aleyrodidae) populations infesting cassava. Bulletin of Entomological Research, 93, 97-106.