

CURRICULUM VITAE

DANILO CHRISTEN



PERSONAL DATA – EDUCATION - EMPLOYMENT

PERSONAL DATA

Name: Danilo Christen
Date of birth: September 23, 1969
Nationality: Swiss (origin of Affoltern i/E, BE)
Civil status: Married to Lucia da Col Christen
Father of Émilie (born on September 11, 2001)
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EDUCATION

2001 – 2005 **PhD-Thesis**
Provisory title “*Towards the biocontrol of grapevine trunk diseases*” supervised by Prof. Dr. G. Défago, Institute of Plant Sciences, Swiss Federal Institute of Technology (ETH Zurich)

1995 – 2001 **ETH-Degree at the Department of Agronomy
Dipl. Ing. Agr. ETH (Plant Sciences)**
Diploma-work entitled “*Diversity of pseudomonad strains producing hydrogen cyanide and 2,4-diacetylphloroglucinol in grapevine monoculture*” supervised by Prof. Dr. G. Défago

1989 – 1991 University of Lausanne, faculty of medicine

1985 – 1989 Matura degree, Type C, High school, Bienne

CURRENT EMPLOYMENT

2005 – actual Leader research group in fruit-growing
Agroscope Changins–Wädenswil ACW, Research Center Conthey

PREVIOUS EMPLOYMENT

2001 - 2005 Swiss Federal Institute of Technology, Zurich

1996 – 1999 Night watchman, Unispital, Zurich

1993 – 1995 Auxiliary nurse, EMS Ilot-du-Parc, Lutry

1991 – 1992 Ambulance driver, Leysin

PUBLICATIONS

Svercel M, Christen D, Defago G. 2010. The effect of vineyard long-term monoculture soils on production of volatile compounds and photosynthetic apparatus in grapevine leaves. *Vitis* 49 (3), 137-144.

Christen D, Devènes G, Kellerhals M. 2010. Recent apricot breeding programme in Switzerland. *Acta Horticulturae* 862, 123-127.

Christen D, Devènes G, Chassot E, Jeltsch P. 2010. Chemical thinning of apricot cultivars: promising preliminary results. *Acta Horticulturae* 862, 373-379.

Monney p, Evéquo N, Christen D. 2010. Alternative to Myrobolan rootstock for apricot cultivation. *Acta Horticulturae* 862, 381-384.

Christen D, Chassot E, Widmer A, Gölles M. 2010. Eclaircissage chimique sur poiriers: efficacité et influence sur la production et la qualité de différentes variétés. *Revue suisse Vitic. Arboric. Hortic.* 42 (3), 170-178.

Poulsen ME, Naef A, Gasser S, Christen D, Rasmussen PH. 2009. Influence of different disease control pesticide strategies on multiple pesticide residue levels in apple. *Journal of Horticultural Science & Biotechnology Sp. Iss.*, 58-61.

Christensen HB, Poulsen ME, Rasmussen PH, Christen D. 2009. Development of an LC-MS/MS method for the determination of pesticides and patulin in apples. *Food Additives and Contaminants Part A – Chemistry analysis control exposure & risk assessment* 26 (7), 1013-1023.

Camps C, Christen D. 2009. On-tree follow-up of apricot fruit development using a hand-held NIR instrument. *Journal of Food, Agriculture & Environment.* 7 (2), 394-400.

Camps C, Christen D. 2009. Non-destructive Assessment of Apricot Fruit Quality by Portable Visible-Near Infrared Spectroscopy (pVNIRs). *LWT – Food Science and Technology* 42 (6), 1125-1131.

Stoeckli S, Mody K, Gessler C, Christen D, Dorn S. 2009. QTL mapping of resistance in apple to *Cydia pomonella* and *Lyonetia clerkella*, and of two selected fruit traits. *Annals of Applied Biology* 154 (3), 377-387.

Svercel M, Christen D, Duffy B, Moëne-Loccoz Y, Defago G. 2009. Effect of long-term vineyard monoculture on rhizosphere-adapted populations of pseudomonads carrying the antimicrobial biosynthetic genes *phlD* and/or *hcnAB*. *FEMS Microbiology Ecology* 68 (1), 25-36.

Christen D, Chajia H, Senay C, Héritier J, Zonneville F. 2009. Amandes d'abricots: un co-produit de la distillation à valoriser. *Revue suisse Vitic. Arboric. Hortic.* 41 (4), 241-246.

Camps C, Christen D. 2009. Suivi des abricots avant récolte par spectroscopie proche infrarouge portable. *Revue suisse Vitic. Arboric. Hortic.* 41 (3), 193-198.

Widmer A, Gölles M, Christen D. 2008. Efficacité de la benzyladénine (Maxcel®) pour réguler la charge des pommiers. *Revue suisse Vitic. Arboric. Hortic.* 40 (6), 337-342.

- Christen D, Yaicle A, Devènes G, Kellerhals M. 2008. Programme de sélection abricots : nouvelles variétés ACW prometteuses. *Revue suisse Vitic. Arboric. Hortic.* 40 (5), 277-281.
- Camps C, Siegrist JP, Christen D, Berthod N, Rossier J. 2008. Qualité des fruits: mesure non destructive par spectroscopie proche infrarouge portable. *Revue suisse Vitic. Arboric. Hortic.* 40 (3), 151-157.
- Widmer A, Gölles M, Kockerols K, Stadler W, Christen D. 2008. Possibilités et stratégies d'éclaircissage du pommier à l'éthéphon. *Revue suisse Vitic. Arboric. Hortic.* 40 (2), 87-93.
- Christen D, Widmer A. 2008. Eclaircissage, carences et dégâts physiologiques. *Revue suisse Vitic. Arboric. Hortic.* 40 (1), 67-69.
- Abou-Mansour E, Goddard ML, Mottier N, Christen D, Tabacchi R. 2007. Toxins and secondary metabolites from the fungus *Phomopsis* spp., a pathogen responsible of vine excoriosis. *Phytopathologia Mediterranea* 46 (1), 111.
- Christen D, Schonmann S, Jermini M, Strasser RJ, Defago G, Wagschal I. 2007. Characterization and early detection of grapevine (*Vitis vinifera*) stress responses to esca disease by in situ chlorophyll fluorescence and comparison with drought stress. *Phytopathologia Mediterranea* 46 (1), 112-113.
- Wagschal I, Christen D, Defago G. 2007. Effect of esca and eutypa dieback toxins on the regulation of grapevine defence responses. *Phytopathologia Mediterranea* 46 (1), 113-114.
- Christen D, Schonmann S, Jermini M, Strasser RJ, Defago G. 2007. Characterization and early detection of grapevine (*Vitis vinifera*) stress responses to esca disease by in situ chlorophyll fluorescence and comparison with drought stress. *Environmental and Experimental Botany* 60 (3), 504-514.
- Silvestri G, Christen D, Egger S, Kellerhals M. 2007. Galmac – die knackig-aromatische Frühsorte von ACW. *Schweiz. Z. Obst-Weinbau* 22 (07), 8-10.
- Kellerhals M, von Burg S, Knobel PA, Patocchi A, Duffy B, Christen D, Frey J. 2007. Sélection de nouvelles variétés de pommes à Agroscope ACW. *Revue suisse Vitic. Arboric. Hortic.* 39 (5), 287-292.
- Egger S, Christen D. 2007. Situation et tendances dans l'assortiment suisse de fruits à pépins de table. Comm. Prof. pour l'examen des variétés de fruits (Ed.). Stutz Druck, Wädenswil. 12 p.
- Kellerhals M, Christen D. 2006. Innovative Obstzüchtung von ACW. *Schweiz. Z. Obst-Weinbau* 15 (06), 8-11.
- Christen D, Rossier J, Ladner J, Monney P, Zürcher M. 2006. Choix de variétés et de porte-greffe dans la production d'abricots, de pêches et de nectarines. Comm. Prof. pour l'examen des variétés de fruits (Ed.). Stutz Druck, Wädenswil. 28 p.
- Christen D, Tharin M, Perrin-Cherieux S, Abou-Mansour E, Tabacchi R, Defago G. 2005. Transformation of Eutypa dieback and esca disease pathogen toxins by antagonistic fungal strains reveals a second detoxification pathway not present in *Vitis vinifera*. *Journal of Agricultural and Food Chemistry* 53 (18), 7043-7051.