

Production Scientifique

UMR SAVE

2008-2015

Production et qualité scientifiques

- ACL** Articles dans revue internationale ou nationale à comité de lecture, répertoriée dans les bases de données *ISI Web of knowledge*
- ACT** Communications avec actes dans un congrès international (C-ACTI) ou national (C-ACTN)
- OS** Ouvrage ou chapitre d'ouvrage scientifique
- CINV** Conférences données à l'invitation du comité d'organisation dans un congrès national ou international
- CINV- Seminar** Conférences données à l'invitation du comité d'organisation d'évènements, séminaires scientifiques nationaux ou internationaux

Interactions avec l'environnement social, économique et culturel

- ASCL** Articles dans revue sans comité de lecture
- OV** Ouvrage ou chapitre d'ouvrage de vulgarisation
- DOC** Documents à vocation de transfert (rapports d'études et expertise destinés à des décideurs publics ou privés, documents produits lors de manifestations...)
- BRE** Brevets, licences, méthodes et savoirs faire
- C-INV-Pro** Conférences données à l'invitation du comité d'organisation d'une conférence à destination des professionnels

Implication dans la formation par la recherche

- TH** Thèses

En gras les auteurs permanents de l'UMR en soulignés les doctorants et post-doctorants

A. Production et qualité scientifiques

ACL Articles dans revue internationale ou nationale à comité de lecture, répertoriée dans les bases de données

2015

1. Chuche J, Desvignes E, **Bonnard O**, **Thiéry D** (2014) Phenological synchrony between *Scaphoideus titanus* (Hemiptera: Cicadellidae) hatchings and grapevine bud break: could this explain the insect's expansion? *Bulletin of Entomological Research*, 105 (1), 82-91, doi: 10.1017/S0007485314000765
2. Ciliberti N, **Fermaud M**, Languasco L, Rossi V (2014) Influence of fungal strain, temperature, and wetness duration on infection of grapevine inflorescences and young berry clusters by *Botrytis cinerea*. *Phytopathology*, doi.org/10.1094/PHYTO-05-14-0152-R
3. **Delière L**, **Cartolaro P**, Léger B, Naud O (2014) Field evaluation of an expertise-based formal decision system for fungicide management of grapevine downy and powdery mildews. *Pest Management Science*, DOI: 10.1002/ps.3917
4. Monceau K, Poidatz J, **Bonnard O**, **Thiéry D** (2014) Behavioral syndrome in a native and an invasive hymenoptera species. *Insect Science*, in press doi: 10.1111/1744-7917.12140

5. Muller K, **Thiéry D**, Moret Y, Moreau J (2014) Male larval nutrition affects adult reproductive success in wild European grapevine moth (*Lobesia botrana*). *Behavioral Ecology and Sociobiology*, 69 (1), 39-47, DOI 10.1007/s00265-014-1815-7
6. Muller K, Vogelweith F, **Thiéry D**, Moret Y, Moreau J (2014) Immune benefits from alternative host plants could maintain polyphagy in a phytophagous insect. *Oecologia*, DOI 10.1007/s00442-014-3097-1
7. Walker A-S, Gladieux P, Decognet V, **Fermaud M**, Confais J, **Roudet J**, Bardin M, Bout A, Nicot P-C, Poncet C, Fournier E (2014) Population structure and temporal maintenance of the multihost fungal pathogen *Botrytis cinerea* : causes and implications for disease management. *Environmental Microbiology* doi:10.1111/1462-2920.12563

2014

1. Ammad F, Benchabane M, Toumi M, Belkacem N, Guesmi A, Ameer C, **Lecomte P**, Merah O (2014) Occurrence of Botryosphaeriaceae species associated with grapevine dieback in Algeria. *Turkish Journal of Agriculture and Forestry*, 38, 965-976, 10.3906/tar-1404-15
2. Arca M, Alexandros P, Mougel F, Rortais A, Monceau K, Bonnard O, Tardy P, **Thiéry D**, Silvain J-F, Arnold G (2014) Defensive behaviour of *Apis mellifera* against *Vespa velutina* in France: Testing whether European honeybees can develop an effective collective defence against a new predator. *Behavioural Processes*, 106, 122-129
3. Ben Ghnaya-Chakroun A, Rezgui A, **Vallance J**, Kharoubi I, Dridi M, Rabeh Hajlaoui M, **Rey P**, Sadfi-Zouaoui N (2014) First molecular and biochemical characterization of *Phomopsis viticola* and *Diplodia seriata* two pathogens of Esca and black dead arm diseases of grapevine in the Northern region of the Tunisia. *International Journal of Current Microbiology and Applied Sciences*, 3, 977-987
4. Bruetz E, **Vallance J**, Gerbore J, **Lecomte P**, Da Costa JP, **Guerin-Dubrana L**, **Rey P** (2014) Analyses of the temporal dynamics of fungal communities colonizing the healthy wood tissues of esca leaf-symptomatic and asymptomatic vines. *PLoS One*, 9, doi:10.1371/journal.pone.009592
5. Calvo-Garrido C, Teixidó N, **Roudet J**, Iviñas I, Usall J, **Fermaud M** (2014) Biological control of Botrytis bunch rot in Atlantic climate vineyards with *Candida sake* CPA-1 and its survival under limiting conditions of temperature and humidity. *Biological Control*, 79, 24–35, DOI: 10.1016/j.biocontrol.2014.05.011
6. Camps C, Kappel C, **Lecomte P**, Léon C, Coutos-Thévenot P, Delrot S, Gomès E (2014) Identification of grapevine marker genes for early, non-destructive *Eutypa lata* infection diagnosis. *Plant Pathology*, DOI 10.1111/ppa.12101, 10.1111/ppa.12101
7. Chuche J, **Thiéry D** (2014) Biology and ecology of the Flavescence dorée vector *Scaphoideus titanus*: a review. *Agronomy for Sustainable Development*, 34, 381-403, DOI 10.1007/s13593-014-0208-7
8. Couto A, Monceau K, **Bonnard O**, **Thiéry D**, Sandoz JC (2014) Olfactory Attraction of the Hornet *Vespa velutina* to Honeybee Colony Odors and Pheromones. *Plos One* 9(12): e115943. doi:10.1371/journal.pone.0115943
9. Delmas C, **Mazet I**, **Jolivet J**, **Delière L**, **Delmotte F** (2014) Simultaneous quantification of sporangia and zoospores in a biotrophic oomycete with an automatic particle analyzer: Disentangling dispersal and infection potentials. *Journal of Microbiological Methods* 107, 169–175 doi:10.1016/j.mimet.2014.10.012
10. **Delmotte F**, Mestre P, Schneider C, Kassemeyer H-H, Kozma P, **Richart-Cervera S**, Rouxel M, **Delière L** (2014) Rapid and multiregional adaptation to host partial resistance in a plant pathogenic oomycete: Evidence from European populations of *Plasmopara viticola*, the causal agent of grapevine downy mildew. *Infection, Genetics and Evolution*, 27, 500–508, doi: 10.1016/j.meeqid.2013.10.017
11. Gerbore J, Benhamou N, **Vallance J**, Floch G, Grizard D, Regnault-Roger C, **Rey P** (2014) Biological control of plant pathogens: advantages and limitations seen through the case study of *Pythium oligandrum*. *Environmental Science and Pollution Research*, 21, 4847-4860, DOI10.1007/s11356-013-1807-6
12. Gerbore J, **Vallance J**, Yacoub A, **Delmotte F**, Grizard D, Regnault-Roger C, **Rey P** (2014) Characterization of *Pythium oligandrum* populations that colonise rhizosphere of vines from the Bordeaux region. *FEMS Microbiology Ecology*, 90, 153-157, DOI: 10.1111/1574-6941.12380

13. Lucisine P, Echevarria G, Sterckeman T, **Vallance J, Rey P**, Benizri E (2014) Effect of hyperaccumulating plant cover composition and rhizosphere-associated bacteria on the efficiency of nickel extraction from soil. *Applied Soil Ecology*, 81, 30-36
14. Mammeri Y, Burie JB, Langlais M, **Calonnec A** (2014) How changes in the dynamic of crop susceptibility and cultural practices can be used to better control the spread of a fungal pathogen at the plot scale? *Ecological Modelling*, 290, 178-191, doi.org/10.1016/j.ecolmodel.2014.02.017
15. Martins G, **Vallance J**, Mercier A, Albertin W, Stamatopoulos P, **Rey P**, Lonvaud A, Masneuf-Pomarède I (2014) Influence of the farming system on the epiphytic yeasts and yeast-like fungi colonizing grape berries during the ripening process. *International Journal of Food Microbiology*, 177, 21-28
16. Mohammadou B, Mbofung C, Barbier G, **Rey P** (2014) Polyphasic approach to monitor the bacterial population dynamics in fermenting *Hibiscus sabdariffa* seeds to produce Mbuja. *International Journal of Current Microbiology and Applied Sciences*, 3, 333-346
17. Monceau K, **Bonnard O**, Moreau J, **Thiéry D** (2014) Spatial distribution of *Vespa velutina* individuals hunting at domestic honeybee hives: heterogeneity at a local scale. *Insect Science*, 87, 1-16, DOI 10.1111/1744-7917.12090
18. Monceau K, **Bonnard O**, **Thiéry D** (2014) *Vespa velutina*: a new invasive predator of honeybees in Europe. *Journal of Pest Science*, 87, 1-16, 10.1007/s10340-013-0537-3
19. Rouxel M, Mestre P, Baudoin A, Carisse O, **Delière L**, Ellis MA, Gadoury D, Lu J, Nita M, **Richard-Cervera S**, Schilder A, Wise A, **Delmotte F** (2014) Geographic Distribution of Cryptic Species of *Plasmopara viticola* Causing Downy Mildew on Wild and Cultivated Grape in Eastern North America. *Phytopathology*, 104 (7) 692-701 doi.org/10.1094/PHYTO-08-13-0225-R
20. **Rusch A**, Birkhofer K, Bommarco R, Smith H, Ekbom B (2014) Management intensity at field and landscape levels affects the structure of generalist predator communities. *Oecologia*, 175, 971-983, 10.1007/s00442-014-2949-z
21. Sarthou J-P, Badoz A, Vaissière B, Chevallier A, **Rusch A** (2014) Local more than landscape parameters structure natural enemy communities during their overwintering in semi-natural habitats. *Agriculture, Ecosystems & Environment*, 194, 17-28
22. **Thiéry D**, Monceau K, Moreau J (2014) Different emergence phenology of European grapevine moth (*Lobesia botrana*, Lepidoptera: Tortricidae) on six varieties of grapes. *Bulletin of Entomological Research*, 104, 277-287, DOI:10.1017/S000748531300031X
23. **Thiéry D**, Monceau K, Moreau J (2014) Larval intraspecific competition for food in the European grapevine moth *Lobesia botrana*. *Bulletin of Entomological Research*, 104, 517-524
24. Vogelweith F, **Thiéry D**, Moret Y, Colin E, Motreuil S, Moreau J (2014) Defense strategies used by two sympatric vineyard moth pests. *Journal of Insect physiology*, 64, 54-61, DOI:10.1016/j.jinsphys.2014.03.009

2013

1. Andrivon D, Giorgetti C, Baranger A, **Calonnec A**, **Cartolaro P**, Faivre R, Guyader S, Lauri PE, Lescourret F, Parisi L, Ney B, Tivoli B, Sache I (2013) Defining and designing plant architectural ideotypes to control epidemics? *European Journal of Plant Pathology*, 135, 611-617, DOI 10.1007/s10658-012-0126-y
2. Bruez E, **Lecomte P**, Grosman J, Doublet B, Bertsch C, Fontaine F, Da Costa JP, Ugaglia A, Teissedre PL, **Guérin-Dubrana L**, **Rey P** (2013) Overview of grapevine trunk diseases in France in the early 2000s. *Phytopathologia Mediterranea*, 52, 262-275
3. **Calonnec A**, Burie JB, Langlais M, Guyader S, Saint-Jean S, Sache I, Tivoli B (2013) Impacts of plant growth and architecture on pathogen processes and their consequences for epidemic behaviour. *European Journal of Plant Pathology*, 135, 479-497, DOI:10.1007/s10658-012-0111-5
4. **Calonnec A**, Wiedemann-Merdinoglu S, **Delière L**, **Cartolaro P**, Schneider C, **Delmotte F** (2013) The reliability of leaf bioassays for predicting disease resistance on fruit A case study on grapevine resistance to downy and powdery mildew. *Plant Pathology*, 62, 533-544, DOI:10.1111/j.1365-3059.2012.02667.x
5. **Dufour M-C**, **Corio-Costet M-F** (2013) Variability in the sensitivity of biotrophic grapevine pathogens (*Erysiphe necator* and *Plasmopara viticola*) to acibenzolar-S methyl and two phosphonates. *European Journal of Plant Pathology*, 136, 247-259, DOI:10.1007/s10658-012-0159-2

6. **Dufour M-C**, Lambert C, Bouscaut J, Mérillon J, **Corio-Costet M-F** (2013) Benzothiadiazole-primed defense responses and enhanced differential expression of defense genes in *Vitis vinifera* infected with biotrophic pathogens (*Erysiphe necator* and *Plasmopara viticola*). *Plant Pathology*, 62, 370-382, DOI:10.1111/1365-3059.2012.0268
7. Fontaine M, Austerlitz F, Giraud T, Labbé F, **Papura D**, **Richard-Cervera S**, **Delmotte F** (2013) Genetic signature of a range expansion and leap-frog event after the recent invasion of Europe by the grapevine downy mildew pathogen *Plasmopara viticola*. *Molecular Ecology*, 22, 2771-2786, DOI:10.1111/mec.12293
8. **Guérin-Dubrana L**, Labenne A, Labrousse JC, **Bastien S**, **Rey P**, Gegout-Petit A (2013) Statistical analysis of grapevine mortality associated with esca or eutypa dieback foliar expression. *Phytopathologia Mediterranea*, 52, 276-288
9. Leroy P, Smits N, **Cartolaro P**, **Delière L**, Goutouly J-P, Raynal M, Alonso Ugaglia A (2013) A bioeconomic model of downy mildew damage on grapevine for evaluation of control strategies. *Crop Protection*, 53, 58-71, <http://dx.doi.org/10.1016/j.cropro.2013.05.024>
10. Marchive C, Léon C, Kappel C, Coutos-Thévenot P, **Corio-Costet M-F**, Delrot S, Lauvergeat V (2013) Over-expression of VvWRKY1 in grapevines induces expression of jasmonic acid pathway-related genes and confers higher tolerance to the downy mildew. *PLoS One*, DOI:10.1371/journal.pone.0054185
11. Monceau K, Arca M, Leprêtre L, Mougel F, **Bonnard O**, Silvain J-F, Maher N, Arnold G, **Thiéry D** (2013) Native Prey and Invasive Predator Patterns of Foraging Activity: The Case of the Yellow-Legged Hornet Predation at European Honeybee Hives. *PLoS One*, 8, e66492, 10.1371/journal.pone.0066492
12. Monceau K, **Bonnard O**, **Thiéry D** (2013) Relationship between the age of *Vespa velutina* workers and their defensive behaviour established from colonies maintained in the laboratory. *Insectes Sociaux*, 60, 437-444, 10.1007/s00040-013-0308-4
13. Monceau K, Maher N, **Bonnard O**, **Thiéry D** (2013) Predation dynamics study of the recently introduced honeybee killer *Vespa velutina*: learning from the enemy. *Apidologie* 44, 209-221, DOI:10.1007/s13592-012-0172-7
14. Monceau K, Wattier R, Dechaume-Moncharmont FX, Dubreuil C, Cézilly F (2013) Heterozygosity-fitness correlations in adult and juvenile *Zenaida dove*, *Zenaida aurita*. *Journal of Heredity*, 104, 47-56, DOI:10.1093/jhered/ess073
15. REX c, Bourguet D, **Delmotte F**, Franck P, Guillemaud T, Reboud X, Vacher C (2013) Heterogeneity of selection and the evolution of resistance. *Trends in Ecology & Evolution*, 28, 110-118, <http://dx.doi.org/10.1016/j.tree.2012.09.001>
16. Rouxel M, Mestre P, **Comont G**, Lehman BL, Schilder A, **Delmotte F** (2013) Phylogenetic and experimental evidence for host-specialized cryptic species in a biotrophic oomycete. *New Phytologist*, 197, 251-263, DOI:10.1111/nph.12016
17. **Rusch A**, Bommarco R, Chiverton P, Öberg S, Wallin H, Wikteliuss S, Ekbom B (2013) Response of ground beetle (*Coleoptera*, *Carabidae*) communities to changes in agricultural policies in Sweden over two decades. *Agriculture, Ecosystems & Environment*, 176, 63-69
18. **Rusch A**, Bommarco R, Jonsson M, Smith HG, Ekbom B (2013) Flow and stability of natural pest control services depend on complexity and crop rotation at the landscape scale. *Journal of Applied Ecology*, 50, 345-354, DOI:10.1111/1365-2664.12055
19. **Rusch A**, Suchail S, Valantin-Morison M, Sarthou JP, Roger-Estrade J (2013) Nutritional state of the pollen beetle parasitoid *Tersilochus heterocerus* foraging in the field. *Biological Control*, 58, 17-26, DOI:10.1007/s10526-012-9463-1
20. Tivoli B, Andrivon D, Baranger A, **Calonnec A**, Jeger M (2013) Foreword: plant and canopy architecture impact on disease epidemiology and pest development. *European Journal of Plant Pathology*, 135, 453-454, DOI:10.1007/s10658-012-0112-4
21. Tivoli B, **Calonnec A**, Richard B, Ney B, Andrivon D (2013) Current knowledge on plant/canopy architectural traits that reduce the expression and development of epidemics. *European Journal of Plant Pathology*, 135, 471-477, DOI: 10.1007/s10658-012-0066-6
22. Vitecek S, Maria A, Blais C, Duportets L, Gaertner C, **Dufour M-C**, Siauxsat D, Debernard S, **Gadene C** (2013) Is the rapid post-mating inhibition of pheromone response triggered by ecdysteroids or other factors from the sex accessory glands in the male moth *Agrotis ipsilon* ? . *Hormones and Behavior*, 63, 700-708

23. Vogelweith F, Dourneau M, **Thiéry D**, Moret Y, Moreau J (2013) Geographical variation in parasitism shapes larval immune function in a phytophagous insect. *Naturwissenschaften*, 100, 1149-1161, 10.1007/s00114-013-1119-1
24. Vogelweith F, Moret Y, **Thiéry D**, Moreau J (2013) *Lobesia botrana* Larvae Develop Faster in the Presence of Parasitoids. *PLoS One*, 8, e72568, 10.1371/journal.pone.0072568
25. Vogelweith F, **Thiéry D**, Moret Y, Moreau J (2013) Immunocompetence increases with larval body size in a phytophagous moth. *Physiological Entomology*, 38, 219-225, 10.1111/phen.12025

2012

1. Ahmed S, Tourvieille de Labrouhe D, **Delmotte F** (2012) Emerging virulence arising from hybridisation facilitated by multiple introductions of the sunflower downy mildew pathogen *Plasmopara halstedii*. *Fungal Genetics and Biology*, 49, 847- 855
2. Benhamou N, le Floch G, **Vallance J**, Gerbore J, Grizard D, **Rey P** (2012) *Pythium oligandrum*: an example of opportunistic success. *Microbiology SGM*, 158, 2679-2694, DOI:10.1099/mic.0.061457-0
3. Benhamou N, **Rey P** (2012) Stimulateurs des défenses naturelles des plantes : une nouvelle stratégie phytosanitaire dans un contexte d'écoproduction durable : Principes de la résistance induite. *Phytoprotection*, 92, 1-23
4. Benhamou N, **Rey P** (2012) Stimulateurs des défenses naturelles des plantes : une nouvelle stratégie phytosanitaire dans un contexte d'écoproduction durable. II. Intérêt des SDN en protection des cultures. *Phytoprotection*, 92, 24-35
5. Chuche J, **Thiéry D** (2012) Egg incubation temperature differently affects female and male hatching dynamics and larval fitness in a leafhopper. *Ecology and Evolution*, 2, 732-739
6. Dalié D, Pinson-Gadais L, Atanasova-Penichon V, Marchegay G, Barreau C, **Deschamps A**, Richard-Forget F (2012) Impact of *Pediococcus pentosaceus* strain L006 and its metabolites on fumonisin biosynthesis by *Fusarium verticillioides*. *Food Control*, 23, 405-411
7. Goupil P, Benouaret R, Charrier O, ter Halle A, Richard C, Eyheraguibel B, **Thiéry D**, Ledoigt G (2012) Grape marc extract acts as elicitor of plant defence responses. *Ecotoxicology*, 21, 1541-1549
8. Ky I, Lorrain B, Jourdes M, Pasquier G, **Fermaud M**, Gény L, **Rey P**, Doneche B, Teissedre PL (2012) Assessment of grey mould (*Botrytis cinerea*) impact on phenolic and sensory quality of Bordeaux grapes, musts and wines for two consecutive vintages. *Australian Journal of Grape and Wine Research*, 18, 215-226, DOI:10.1111/j.1755-0238.2012.00191.x
9. Lambert C, Bisson J, Waffo-Tegu P, Papastamoulis Y, Richard T, **Corio-Costet M-F**, Merillon JM, Cluzet S (2012) Phenolics and Their Antifungal Role in Grapevine Wood Decay: Focus on the Botryosphaeriaceae Family. *Journal of Agricultural and Food Chemistry*, 60, 11859-11868, DOI:10.1021/jf303290g
10. **Lecomte P**, Darrietort G, **Liminana JM**, **Comont G**, Muruamendiaraz A, Legorburu FJ, Choueiri E, Jrejiri F, El Amil R, **Fermaud M** (2012) New Insights into Esca of Grapevine: The Development of Foliar Symptoms and Their Association with Xylem Discoloration. *Plant Disease*, 96, 924-934, DOI:10.1094/pdis-09-11-0776-re
11. Lorrain B, Ky I, Pasquier G, Jourdes M, **Guérin-Dubrana L**, Gény L, **Rey P**, Donèche B, Teissedre PL (2012) Effect of Esca disease on the phenolic and sensory attributes of Cabernet Sauvignon grapes musts and wines. *Australian Journal of Grape and Wine Research*, 18, 64-72
12. Maher N, Piot J, **Bastien S**, **Rey P**, **Guérin-Dubrana L** (2012) Wood necroses in Esca-affected vines: types, relationships and possible links with foliar symptom expression. *Journal International des Sciences de la Vigne et du Vin*, 46, 15-27
13. Monceau K, **Bonnard O**, **Thiéry D** (2012) Chasing the queens of the alien predator of honeybees: A water drop in the invasiveness ocean. *Open Journal of Ecology*, 2, 183-191, DOI:10.4236/oje.2012.24022
14. Monceau K, van Baaren J (2012) Female teneral mating in a monandrous species. *Ecology and Evolution*, 2, 1726-1436, 10.1002/ece3.264
15. **Papura D**, Burban C, van Helden M, Giresse X, Nusillard B, Guillemaud T, Kerdelhue C (2012) Microsatellite and mitochondrial data provide evidence for a single major introduction for the nearctic leafhopper *Scaphoideus titanus* in Europe. *PLoS One*, 7, 1-13

16. Pizzol J, Desneux N, Wajnberg E, **Thiéry D** (2012) Parasitoid and host egg ages have independent impact on various biological traits in a Trichogramma species. *Journal of Pest Science*, 85, 489-496, DOI :10.1007/s10340-012-0434-1
17. Renault D, **Vallance J**, Déniel F, Wery N, Godon JJ, Barbier G, **Rey P** (2012) Diversity of bacterial communities that colonize the filter units used for controlling plant pathogens in soilless cultures. *Microbial Ecology*, 63, 170-187
18. Rouxel M, **Papura D**, Nogueira M, Machefer V, Dezette D, **Richard-Cervera S**, Carrere S, Mestre P, **Delmotte F** (2012) Microsatellite markers for characterization of native and introduced populations of *Plasmopara viticola*, the causal agent of grapevine downy mildew. *Applied and Environmental Microbiology*, 78, 6337-6340, Doi:10.1128/AEM.01255-12
19. Rouzes R, **Delbac L**, Ravidat ML, **Thiéry D** (2012) First occurrence of *drosophila suzukii* in the sauternes vineyards. *Journal International des Sciences de la Vigne et du Vin*, 46, 145-147
20. **Rusch A**, Valantin-Morison M, Roger-Estrade J, Sarthou J (2012) Using landscape indicators to predict high pest infestations and successful natural pest control at the regional scale. *Landscape and urban planning*, 105, 62-73
21. Travadon R, Baumgartner K, Rolshausen PE, Gubler WP, Sosnowski MR, **Lecomte P**, Halleen F, Péros JP (2012) Genetic structure of the fungal grapevine pathogen *Eutypa lata* from four continents. *Plant Pathology*, 61, 85-95
22. **Vallance J**, Déniel F, Barbier G, **Guérin-Dubrana L**, Benhamou N, **Rey P** (2012) Influence of *Pythium oligandrum* on the bacterial communities that colonize the nutrient solutions and the rhizosphere of tomato plants. *Canadian Journal of Microbiology*, 58, 1124-1134, DOI:10.1139/W2012-092

2011

1. Ainseba B, Picart D (2011) Parameter identification in multistage population dynamics model. *Nonlinear Analysis : Real World Applications*, 12, 3315-3328, DOI : 10.1016/j.nonrwa.2011.05.030
2. Ainseba B, Picart D, **Thiéry D** (2011) An innovative multistage, physiologically structured, population model to understand the European grapevine moth dynamics. *Journal of Mathematical Analysis and Applications*, 382, 34-46
3. Belanger MC, Roger JM, **Cartolaro P**, **Fermaud M** (2011) Autofluorescence of grape berries following *Botrytis cinerea* infection. *International Journal of Remote Sensing*, 32, 3835-3849
4. Burie JB, Langlais M, **Calonnec A** (2011) Switching from a mechanistic model to a continuous model to study at different scales the effect of vine growth on the dynamic of a powdery mildew epidemic. *Annals of Botany*, 107, 885-895
5. **Calonnec A** (2011) Modelling the effect of plant growth and susceptibility on the development of plant disease epidemics: powdery mildew of grapevine. *Journal of Plant Pathology*, 93, S1-44
6. Chuche J, **Thiéry D**, Mazzoni V (2011) Do *Scaphoideus titanus* (Hemiptera: Cicadellidae) nymphs use vibrational communication? *Naturwissenschaften*, 98, 639-642
7. **Corio-Costet M-F**, **Dufour M-C**, Cigna J, Abadie P, Chen WJ (2011) Diversity and fitness of *Plasmopara viticola* isolates resistant to QoI fungicides. *European Journal of Plant Pathology*, 129, 315-329
8. **Delmotte F**, Machefer V, Giresse X, **Richard-Cervera S**, Latorse MP, Beffa R (2011) Characterization of single-nucleotide-polymorphism markers for *Plasmopara viticola* the causal agent of grapevine downy mildew. *Applied and Environmental Microbiology*, 77, aem5782-5711
9. **Dufour M-C**, Fontaine MC, Montarry J, **Corio-Costet M-F** (2011) Assessment of fungicide resistance and pathogen diversity in *Erysiphe necator* using quantitative real-time PCR assays. *Pest Management Science*, 67, 60-69
10. Folcher L, Bourguet D, **Thiéry D**, Pelozuelo L, Phalip M, Weissenberger A, Eychenne N, Regnault-Roger C, Delos M (2011) Changes in parasitoid communities over time and space : A historical case study of the maize pest *Ostrinia nubilalis*. *PLoS One*, 6, 1-12
11. Hanari A, Zahavi T, **Thiéry D** (2011) Fitness cost of pheromone production in signaling female moths. *Evolution*, 65, 1572-1582
12. Jaulneau V, Lafitte C, **Corio-Costet M-F**, Stadnik M, Salamagne S, Briand X, Esquerré-Tugayé MT, Dumas B (2011) An *Ulva armoricana* extract protects plants against three powdery mildew pathogens. *European Journal of Plant Pathology*, 131, 393-401

13. **Lecomte P**, Bailey DJ (2011) Studies on the infestation by *Eutypa lata* of grapevine spring wounds. *Vitis*, 50 (1), 35-41
14. Valdes-Gomez H, Gary C, **Cartolaro P**, Lolas-Caneo M, **Calonnec A** (2011) Powdery mildew development is positively influenced by grapevine vegetative growth induced by different soil management strategies. *Crop Protection*, 30, 1168-1177
15. **Vallance J**, Déniel F, Le Floch G, **Guérin-Dubrana L**, **Blancard D**, **Rey P** (2011) Pathogenic and beneficial microorganisms in soilless cultures. *Agronomy for Sustainable Development*, 31, 191-203
16. Vogelweith F, **Thiéry D**, Quaglietti B, Moret Y, Moreau J (2011) Host plant variation plastically impacts different traits of the immune system of phytophagous insect. *Functional Ecology*, 25, 1241-1247

2010

1. Camps C, Kappel C, **Lecomte P**, Léon C, Gomès E, Coutos-Thévenot P, Delrot S (2010) A transcriptomic study of grapevine (*Vitis vinifera* cv. Cabernet-Sauvignon) interaction with the vascular ascomycete fungus *Eutypa lata*. *Journal of Experimental Botany*, 61, 1719-1737
2. Candresse T, Marais A, Tassus X, Suhard P, Renaudin I, Leguay A, Poliakov F, **Blancard D** (2010) First Report of Tomato chlorotic dwarf viroid in Tomato in France. *Plant Disease*, 94-5, 633
3. Chuche J, Dané J, **Thiéry D** (2010) First description of the occurrence of the leafhopper *phlogotettix cyclops* in a Bordeaux vineyard. *Journal International des Sciences de la Vigne et du Vin*, 44, 161-165
4. **Comont G**, **Corio-Costet M-F**, Larignon P, **Delmotte F** (2010) AFLP markers reveal two genetic groups in French population of the grapevine fungal pathogen *Phaeomoniella chlamydospora*. *European Journal of Plant Pathology*, 127, 451-464
5. **Delbac L**, Lecharpentier P, **Thiéry D** (2010) Larval instars determination for the European Grapevine Moth (Lepidoptera: Tortricidae) based on the frequency distribution of head-capsule widths. *Crop Protection*, 29, 623-630
6. **Delière L**, Miclot AS, **Rey P**, **Calonnec A** (2010) Efficacy of fungicides with various modes of action in controlling the early stages of an *Erysiphe necator*-induced epidemic. *Pest Management Science*, 66, 1367-1373
7. Desprez Loustau ML, Courtecuisse R, Robin C, Husson C, Moreau P-A, **Blancard D**, Selosse M-A, Lung-Escarmant B, Piou D, Sache I (2010) Species diversity and drivers of spread of alien fungi (*sensu lato*) in Europe with a particular focus on France. *Biological Invasions*, 12, 157-172, DOI : 10.1007/s10530-009-9439-y
8. Giresse X, Ahmed S, **Richard-Cervera S**, **Delmotte F** (2010) Development of New Oomycete Taxon-Specific Mitochondrial Cytochrome b Region Primers for Use in Phylogenetic and Phylogeographic Studies. *Journal of Phytopathology*, 158, 321-327
9. INRA. Rc, Bourguet D, **Delmotte F**, Franck P, Guillemaud T, Reboud X, Vacher C, Walker A (2010) The skill and style to model the evolution of resistance to pesticides and drugs. *Evolutionary Applications*, 375-390
10. Montarry J, Andrivon D, Glais I, Corbiere R, Mialdea G, **Delmotte F** (2010) Microsatellite markers reveal two admixed genetic groups and an ongoing displacement within the French population of the invasive plant pathogen *Phytophthora infestans*. *Molecular Ecology*, 19, 1965-1977
11. Moreau J, Villemantz C, Benrey B, **Thiéry D** (2010) Species diversity of larval parasitoids of the European grapevine moth (*Lobesia botrana*, *Lepidoptera: Tortricidae*): the influence of region and cultivar. *Biological Control*, 54, 300-306
12. Peressotti E, Wiedmann-Merdinoglu S, **Delmotte F**, Bellin D, Di Gaspero G, Testollin R, Merdinoglu D, Mestre P (2010) Breakdown of resistance to grapevine downy mildew upon limited deployment of a resistant variety. *BMC Plant Biology*, 10:147
13. Sombardier A, **Dufour M-C**, **Blancard D**, **Corio-Costet M-F** (2010) Sensitivity of *Podosphaera aphanis* isolates to DMI fungicides: distributin and reduced cross-sensitivity. *Pest Management Science*, 66, 35-43
14. Úrbez-Torres JR, Bruetz E, Hurtado J, D. GW (2010) Effect of temperature on conidial germination of *Botryosphaeriaceae* species infecting grapevines. *Plant Disease* 94, 1476-1484

15. Villate L, Esmenjaud D, **Van Helden M**, Stoeckel S, Plantard O (2010) Genetic signature of amphimixis allows for the detection and fine scale localization of sexual reproduction events in a mainly parthenogenetic nematode. *Molecular Ecology*, 19, 856-873

2009

1. Ahmed S, Comptom S, Butlin R, Gilmartin P (2009) Wind-borne insects mediate directional pollen transfer between desert fig trees 106 kilometers apart. *PNAS*, 106, 20342-20347
2. **Calonnec A**, **Cartolaro P**, Chadoeuf J (2009) Highlighting features of spatiotemporal spread of powdery mildew epidemics in the vineyard using statistical modeling on field experimental data. *Phytopathology*, 99, 411-422
3. Choueiri E, Jreijiri F, El Amil R, Chlela P, **Bugaret Y**, **Liminana JM**, Mayet V, **Lecomte P** (2009) First report of black foot disease associated with *Cylindrocarpon* sp. in Lebanon. *Journal of Plant Pathology*, 91 (1), 237
4. Chuche J, **Thiéry D** (2009) Cold winter temperatures condition the egg-hatching dynamics of a grape disease vector. *Naturwissenschaften*, 96, 827-834
5. Decante D, Van Leeuwen C, **Van Helden M** (2009) Influence of plot characteristics and surrounding vegetation on the intra-plot spatial distribution of *Empoasca vitis* *Agricultural and Forest Entomology*, 11, 377-387, DOI : 10.1111/j.1461-9563.2009.00438.x
6. Deytieux-Belleau C, Geny L, **Roudet J**, Mayet V, Donèche B, **Fermaud M** (2009) Grape berry skin features related to ontogenic resistance to *Botrytis cinerea*. *European Journal of Plant Pathology*, 125, 551-563
7. Faurie B, Cluzet S, **Corio-Costet M-F**, Mérillon JM (2009) Methyl jasmonate/ethephon cotreatment synergistically induces stilbene production in *vitis vinifera* cell suspensions but fails to trigger resistance to *erysiphe necator*. *Journal International des Sciences de la Vigne et du Vin*, 43, 99-110
8. Jarriault D, Barrozo RB, de Carvalho Pinto CJ, Greiner B, **Dufour M-C**, Massante-Roca I, Gramsbergen JB, Anton S, **Gadanne C** (2009) Age-dependent plasticity of sex pheromone response in the moth, *Agrotis ipsilon*: Combined effects of octopamine and juvenil hormone. *Hormones and Behavior*, 56, 185-191
9. Laveau C, Letouze A, **Louvet G**, **Bastien S**, **Guérin-Dubrana L** (2009) Differential aggressiveness of fungi implicated in esca and associated diseases of grapevine in France. *Phytopathologia Mediterranea*, 48, 32-46
10. Le Floch G, **Vallance J**, Benhamamou N, **Rey P** (2009) Combining the oomycete *Pythium oligandrum* with two other antagonistic fungi: Root relationships and tomato grey mold biocontrol. *Biological Control*, 50, 288-298
11. Léger B, Naud O (2009) Experimenting statecharts for multiple experts knowledge elicitation in agriculture. *Expert Systems with Applications*, 36, 11296-11303
12. **Liminana JM**, Pacreau G, Boureau F, Menard E, David S, Himonnet C, **Fermaud M**, Goutouly JP, **Lecomte P**, Dumat V (2009) Inner necrosis in grapevine rootstock mother plants in the Cognac area (Charentes, France). *Phytopathologia Mediterranea*, 48, 92-100
13. Montarry J, **Cartolaro P**, **Richard-Cervera S**, **Delmotte F** (2009) Spatio-temporal distribution of *Erysiphe necator* genetic groups and their relationship with disease levels in vineyards. *European Journal of Plant Pathology*, 123, 61-70
14. Moreau J, Richard A, Benrey D, **Thiéry D** (2009) Host plant cultivar of the grapevine moth *Lobesia botrana* affects the life history traits of an egg parasitoid. *Biological Control*, 50, 117-122
15. Muruamendiaraz A, **Lecomte P**, Legorburu J (2009) Occurrence of the *Eutypa lata* sexual stage on grapevine in Rioja. *Phytopathologia Mediterranea*, 48, 140-144
16. **Papura D**, **Delmotte F**, Giresse X, Salar P, Danet JL, **Van Helden M**, Foissac X, Malembic-Maher S (2009) Comparing the spatial genetic structures of the Flavescence dorée phytoplasma and its leafhopper vector *Scaphoideus titanus*. *Infection, Genetics and Evolution*, 9, 867-876
17. **Papura D**, Giresse X, Chauvin B, Caron F, **Delmotte F**, **Van Helden M** (2009) Isolation and characterization of polymorphic microsatellite loci in the green leafhopper *Empoasca vitis* Goethe (Homoptera). *Permanent Genetic Resources Note*, 827-829
18. **Savary S**, **Delbac L**, Rochas A, Taisant G, **Willcoquet L** (2009) Analysis of Nonlinear Relationships in Dual Epidemics, and Its Application to the Management of Grapevine Downy and Powdery Mildews. *Phytopathology*, 99, 930-942

19. Sombardier A, **Savary S, Blancard D, Jolivet J, Willocquet L** (2009) Effets of leaf surface and temperature on monocyclic processes in *Podosphaera aphanis*, causing powdery mildew of strawberry. *Canadian Journal of Plant Pathology*, 31, 439-448
20. **Vallance J**, Le Floch G, Déniel F, Barbier G, Lévesque C-A, **Rey P** (2009) Influence of *Phytium oligandrum* Biocontrol on Fungal and Oomycete Population Dynamics in the Rhizosphere. *Applied and Environmental Microbiology*, 4790-4800

2008

1. Baudoin A, Olaya G, **Delmotte F**, Colcol JF, Sierotzki H (2008) QoI Resistance of *Plasmopara viticola* and *Erysiphe necator* in the Mid-Atlantic United States. *Plant Health Progress*, doi:10.1094/PHP-2008-0211-02-RS - on line
2. Belanger MC, Roger JM, **Cartolaro P**, Viau A, Bellon-Maurel V (2008) Detection of powdery mildew in grapevine using remotely-sensed UV-induced fluorescence. *International Journal of Remote Sensing*, 29, 1707-1724
3. Belhadj A, Telef N, Cluzet S, **Bouscaut J, Corio-Costet M-F**, Mérillon JM (2008) Ethephon Elicits Protection Against *Erysiphe necator* in Grapevine. *Journal of Agricultural and Food Chemistry*, 56, 5781-5787
4. **Calonnec A, Cartolaro P, Naulin JM**, Bailey D, Langlais M (2008) A host-pathogen simulation model: powdery mildew of grapevine. *Plant Pathology*, 57, 493-508
5. Carisse O, **Savary S, Willocquet L** (2008) Spatiotemporal relationships between disease development and airborne inoculum in unmanaged and managed *Botrytis* leaf blight epidemics. *Phytopathology*, 98, 38-44
6. **Decante D, Van Helden M** (2008) Spatial and Temporal distribution of *Empoasca viti* (Gothe) within a vineyard plot. *Agricultural and Forest Entomology*, 10, 111-118
7. **Delmotte F**, Giresse X, **Richard-Cervera S**, M'Baya J, Vear F, Tourvieille J, Tourvieille de Labrouhe D (2008) Single nucleotide polymorphism reveal multiple introductions into France of *Plasmopara halstedii*, the plant pathogen causing sunflower downy mildew. *Infection, Genetics and Evolution*, 8, 534-540
8. Fussler L, Kobès N, Bertrand F, Maumy M, Grosman M, **Savary S** (2008) A characterization of grapevine trunk diseases in France from data generated by the National Grapevine Wood Disease Survey. *Phytopathology*, 98, 571-579
9. **Martinez F, Corio-Costet M-F**, Levis C, Coarer M, **Fermaud M** (2008) New PCR primers applied to characterize of *Botrytis cinerea* populations in French vineyards. *Vitis*, 47, 217-226
10. **Montarry J, Cartolaro P, Delmotte F, Jolivet J, Willocquet L** (2008) Genetic structure and aggressiveness of *Erysiphe necator* populations during grapevine powdery mildew epidemics. *Applied and Environmental Microbiology*, 74, 6327-6332
11. Moreau J, Rahmé J, Benrey B, **Thiéry D** (2008) Larval host-plant origin modifies the adult oviposition preference of the European grapevine moth *Lobesia botrana*. *Naturwissenschaften*, 95, 317-324
12. Valdes-Gomez H, **Fermaud M, Roudet J, Calonnec A**, Gary C (2008) Grey mould incidence is reduced on grapevines with lower vegetative and reproductive growth. *Crop Protection*, 27, 1174-1186
13. Villate L, Fievet V, Hanse B, Delamarre F, Plantard O, Esmenjaud D, van Helden M (2008) Spatial Distribution of the Dagger Nematode *Xiphinema index* and Its Associated *Grapevine fanleaf virus* in French Vineyard. *Phytopathology*, 98, 942-948
14. **Willocquet L**, Sombardier A, **Blancard D, Jolivet J, Savary S** (2008) Spore dispersal and disease gradients in strawberry powdery mildew. *Canadian Journal of Plant Pathology*, 30, 434-441

ACT Communications avec actes

Congrès Internationaux - ACTI

2014

1. **Calonnec A**, Burie JB, Langlais M, Mammeri Y (2014) Modelling of powdery mildew spread over a spatially heterogeneous growing grapevine. *IOBC/wprs Bulletin*, 105, 137-148

2. Chuche J, **Thiéry D** (2014) Can differences in feeding behaviour between *Scaphoideus titanus* males and females be related to phytoplasma transmission efficiency? *IOBC/wprs Bulletin*, 105, 53-60
3. Verpy A, Gil F, Mary S, **Delbac L**, **Thiéry D** (2014) Temporal differences in *Lobesia botrana*'s lifecycle at local scale, the example of the Saint Emilion vineyard. *IOBC/wprs Bulletin*, 105, 197-204

2013

1. Chuche J, Thiéry D (2013) Winter temperature and flavescence dorée vector ecology. *IOBC/wprs Bulletin*, 85, 65-70
2. **Corio-Costet M-F**, Cluzet S, Lambert C, **Dufour M-C** (2013) 'BioMolChem', a tool to assess the defence status of grapevines after stimulations or not: from laboratory to the field. *IOBC/wprs Bulletin*, 89, 391-396
3. **Corio-Costet M-F**, Lambert C, Cluzet S, Merdinoglu D, **Dufour M-C** (2013) 'BioMolChem' a tool to assess the defence status of grapevine: from genes to the field. *Acta horticulturae*, 1009, 53-60
4. **Corio-Costet M-F**, Fontaine S, Micoud A, Grosman J, Magnien C, **Dufour M-C** (2013) Assessment of fungicide resistance and pathogen diversity in *Erysiphe necator* using quantitative real-time PCR assays, in France (2008-2012). *17th International Reinhardbrunn Symposium: Modern fungicides and antifungal compounds*, april 21-25
5. **Delbac L**, Dupont M, Moreau J, Thiéry D (2013) Surveying the leaf arthropod community in Médoc vineyards under mating disruption against the European grapevine moth. *IOBC/wprs Bulletin* 85, 223-229
6. **Dufour M-C**, Bouscaut J, Lambert C, Cluzet S, **Corio-Costet M-F** (2013) Modulation of expression patterns of defense genes and stilbene productions in grapevine in response to biotrophic pathogen diversity (*Erysiphe necator* and *Plasmopara viticola*), after elicitation by benzothiadiazole. *IOBC/wprs Bulletin*, 88, 119
7. **Dufour M-C**, **Druelle L**, **Corio-Costet M-F** (2013) "BioMolChem" tools used in the vineyard to predict grapevine protection against downy mildew after elicitation. *IOBC/wprs Bulletin*, 89, 295-301
8. **Dufour M-C**, Lambert C, Cluzet S, **Corio-Costet M-F** (2013) What tools used to acquire a better understanding of induced resistance after elicitation and/or infection from laboratory to field experiments? *IOBC/wprs Bulletin*, 88, 91
9. Vogelweith F, **Thiéry D**, Moret Y, Moreau J (2013) Should grape moth larval immunity help explaining resistance. *IOBC/wprs Bulletin* 85, 157-164

2012

1. Burie J, Langlais M, **Calonnec A**, Mammeri Y (2012) Modeling the Spread of a Pathogen over a Spatially Heterogeneous Growing. IEEE 4th International Symposium on Plant Growth Modeling, Simulation, Visualization and Applications, Shanghai, China: 70-77.
2. **Delbac L**, **Thiéry D**, Smits N, **Roudet J**, Mérot A, Wéry J, **Fermaud M** (2012) New indicators for multi pests and diseases assessment in conventional, organic and in-transition vineyard systems. ESA12, Helsinki, Finland.
3. **Dufour M-C**, **Corio-Costet M-F** (2012) Impact of grapevine downy and powdery mildew diversity on efficacy of phosphonate derivatives (fosetyl-AL and fertilizer PK2) and salicylic acid analog (BTH) described as stimulators of plant defences. *IOBC/wprs Bulletin*, 83, 209-213
4. **Vallance J**, Déniel F, Barbier G, **Rey P** (2012) Genetic structure and dynamics of the oomycete and fungal communities colonizing the rhizosphere and the effluents of hydroponic tomato plants after the introduction of the biocontrol agent *Pythium oligandrum*. *IOBC/wprs Bulletin*, 78, 115-118
5. Wery J, Coll P, **Delbac L**, Guilpart N, **Fermaud M**, Metay A, Smits N, **Thiéry D**, **Mérot A** (2012) Indicating processes and performances of agrosystems: a framework based on a conceptual model and its use in vineyards fields. ESA12 Helsinki, Finland: 432.

2011

1. **Calonnec A**, Schnee S, **Cartolaro P**, Langlais M (2011) Modelling the effect of the grapevine growth and susceptibility on the dynamics of a powdery mildew epidemic. *IOBC/wprs Bulletin*, 67, 123-130

2. Chuche J, Boursault A, **Thiéry D** (2011) Preliminary study of the aggregative behaviour of *Scaphoideus titanus* larvae. *IOBC/wprs Bulletin*, 67, 239 -244
3. Chuche J, Sauvion N, **Thiéry D** (2011) Electropenetrography a tool to investigate the feeding behaviour of sucking insects development of this technique to *Scaphoideus titanus*. *IOBC/wprs Bulletin*, 67, 299 -303
4. Deniel F, **Vallance J**, Barbier G, Le Quillec S, Benhamou N, **Rey P** (2011) Control of *Pythium spp.* root colonization in tomato soilless culture through chlorination of water storage tank. *Acta Horticulturae*, 893, 1293-1299
5. **Fermaud M**, Deytieux-Belleau C, **Roudet J**, Darrietort G, Geny L (2011) Water activity at the fruit surface: a potential indicator of grape berry susceptibility to *Botrytis cinerea*. *IOBC/wprs Bulletin*, 67, 155-161
6. Gerbore J, Bruez E, **Vallance J**, Grizard D, Regnault-Roger C, **Rey P** (2011) Protection against a vine trunk attack by *Phaeoemoniella chlamydospora* is concomitant with root colonization by the oomycete, *Pythium oligandrum*. 6th IOBC Working Group Meeting on Multitrophic Interactions in Soil: IOBC wprs Bulletin, vol. 71, 31-35.
7. **Lecomte P**, Darrietort G, Laveau C, **Blancard D**, **Louvet G**, Goutouly JP, **Rey P**, **Guérin-Dubrana L** (2011) Impact of biotic and abiotic factors on the development of esca decline disease. *IOBC/wprs Bulletin*, 67, 171-180
8. Naud O, **Cartolaro P**, **Delière L**, Léger B (2011) Modelling and experimenting crop protection decision workflows: some lessons from GrapeMilDeWS research. *IOBC/wprs Bulletin*, 67, 93-100
9. Schnee S, **Jolivet J**, **Calonnec A** (2011) Consideration of dynamical plant-pathogen interactions for an improved management of powdery mildew epidemics in grapevine. *IOBC/wprs Bulletin*, 67, 131-138
10. **Thiéry D** (2011) Gaps in knowledge for modern integrated protection in viticulture lessons from controlling grape berry moths. *IOBC/wprs Bulletin*, 67, 305-311
11. **Thiéry D**, **Delbac L**, Villemant C, Moreau J (2011) Control of grape berry moth larvae using parasitoids should it be developed. *IOBC/wprs Bulletin*, 67, 189 -196
12. **Vallance J**, Deniel F, Barbier G, **Rey P** (2011) Influence de l'agent de lutte biologique, *Pythium Oligandrum*, sur les communautés microbiennes colonisant un système de culture hors-sol. 4ème Conférence Internationale sur les méthodes alternatives en protection des cultures Lilles, 731-739.
13. **Van Helden M**, Fulchin E, Verpy A, Gil F, Garcia C (2011) Adult monitoring improves control of the flavescence dorée leaf. *IOBC/wprs Bulletin*, 67, 9-16
14. **Van Helden M**, Villate L, Laveau C, Morin E, Darrietort G, Van Leeuwen C (2011) Monitoring nematode populations to adapt fallow periods against *Xiphinema* vectors of grapevine fanleaf virus (GFLV). *IOBC/wprs Bulletin*, 67, 63-67

2010

10. Blasi P, Schnee S, Wiedmann-Merdinoglu S, Prado E, Godard S, Coste P, Onimus C, Gindro K, Schneider C, Viret O, Merdinoglu D (2010) Genetic analysis of the resistance to downy and powdery mildews derived from cultivar Bronner. 6th International Workshop on Grapevine Downy and Powdery mildew, Bordeaux, France, 4-9 July, 2.
11. **Calonnec A**, **Jolivet J**, **Cartolaro P**, Schnee S (2010) Effect of the grapevine growth on the dynamics of a powdery mildew epidemic: field trials and simulations. 6th International Workshop on Grapevine Downy and Powdery mildew, Bordeaux, France, 4-9 July, 95-97.
12. **Cartolaro P**, **Delière L**, **Delbac L**, Naud O, **Calonnec A** (2010) Early symptoms assessment as indicator to control Grapevine Powdery Mildew with reduced fungicide applications. 6th International Workshop on Grapevine Downy and Powdery mildew, Bordeaux, France, 4-9 July, 110-113.
13. **Cartolaro P**, Montarry J, **Richard-Cervera S**, **Delmotte F** (2010) Can early population structure of *Erysiphe necator* inform about the disease level on bunches? 6th International Workshop on Grapevine Downy and Powdery mildew, Bordeaux, France, 4-9 July, 67-69.
14. **Corio-Costet M-F**, **Dufour M-C**, Cigna J, Abadie P, Chen WJ (2010) Diversity and Fitness of *Plasmopara viticola* isolates resistant to QoI fungicides. 6th International Workshop on Grapevine Downy and Powdery Mildew, Bordeaux, France, 4-9 July, 72-74.

15. **Dufour M-C, Corio-Costet M-F** (2010) Comparison of phosphonate derivatives (fosétyl-Al, PK2) efficacy to that of BTH as grapevine defence elicitors against *Plasmopara viticola*. 6th International Workshop on Grapevine Downy and Powdery mildew, Bordeaux, France, 4-9 July, 12.
16. **Dufour M-C, Fontaine S, Montarry J, Corio-Costet M-F** (2010) Determination of Genetic Groups and DMI Resistance of *Erysiphe necator* in field samples by a real-time PCR assay. 6th International Workshop on Grapevine Downy and Powdery Mildew, Bordeaux, France, 4-9 July, 184-186.
17. Leroy P, **Cartolaro P, Delière L, Goutouly JP, Raynal M, Ugaglia A** (2010) A Bio-Economic Model to Evaluate and Compare Different Protection Strategies Against Grapevine Downy and Powdery Mildew. 6th International Workshop on Grapevine Downy and Powdery mildew, Bordeaux, France, 4-9 July, 141-143.
18. Machefer V, **Ahmed S, Latorse MP, Beffa R, Delmotte F** (2010) Multilocus genotyping of CAA fungicide resistant and susceptible grapevine downy mildew isolates infer a lack of population differentiation at both temporal and spatial scales. 6th International Workshop on Grapevine Downy and Powdery Mildew, Bordeaux, France, 4-9 July, 78-82.
19. Naud O, **Delière L, Cartolaro P, Léger B** (2010) Testing a decision system for Integrated Protection against Mildews the vine-grower, the adviser, and the computer model. 6th International Workshop on Grapevine Downy and Powdery mildew, Bordeaux, France, 4-9 July, 138-140.
20. **Schnee S, Jolivet J, Calon nec A** (2010) Dynamics of ontogenic resistance and growth variation in the interaction powdery mildew-grapevine. 6th International Workshop on Grapevine Downy and Powdery mildew, Bordeaux, France, 4-9 July, 54-56.

2009

1. **Calon nec A, Burie JB, Langlais M** (2009) Effect of crop growth and susceptibility on the dynamics of a plant disease epidemic: powdery mildew of grapevine. 10th International Epidemiology Workshop, Geneva, NY, USA, 29-32.
2. **Calon nec A, Delmotte F** (2009) Grapevine breeding for disease resistance: relationship between bioassay and field resistance. 10th International Epidemiology Workshop, Geneva, NY, USA, 26-28.
3. Sombardier A, **Willocquet L, Blancard D, Corio-Costet M-F, Savary S, Bardet A, Eckert C, Trottin-Caudal Y, Denoyes-Rothan B, Pommier JJ, Petit A, Chartier P** (2009) Methods used in France to study Strawberry Powdery Mildew in laboratory controlled conditions. *Acta Horticulturae*, 842, 283-286
4. **Vallance J, Le Floch G, Déniel F, Rey P** (2009) Biocontrol management in soilless culture: impact of the antagonist *Phytophthora oligandrum* on native populations. *IOBC/wprs bulletin*, 43, 189-192

2008

1. **Calon nec A, Delière L, Cartolaro P, Delmotte F, Forget D, Wiedemann-Merdinoglu S, Merdinoglu D, Schneider C** (2008) Evaluation of grapevine to downy and powdery mildew resistance in a population segregating for Run1 and Rpv1 resistance genes. *IOBC/wprs Bulletin*, 36, 45-52
2. **Delmotte F, Giresse X, Richard-Cervera S, Vear F, Tourvieille J, Walser P, Tourvieille de Labrouhe D** (2008) EST-derived markers highlight genetic relationships among *Plasmopara halstedii* French races. *17th International Sunflower Conference*, 1, 187-192
3. **Fermaud M, Valdes-Gomez H, Calon nec A, Roudet J, Gary C** (2008) A multivariate analysis of combined effects of (micro)climate, vegetative and reproductive growth on grey mould incidence in grapevine. *IOBC/wprs Bulletin*, 36, 91-94
4. **Léger B, Cartolaro P, Delière L, Delbac L, Clerjeau M, Naud O** (2008) An expert-based crop protection decision strategy against grapevine's powdery and downy mildews epidemics: Part 1) formalization. *IOBC/wprs Bulletin*, 36, 145-153
5. Thebaud G, Dallot S, Labonne G, Peyrard N, Chadoeuf J, **Calon nec A** (2008) Testing the spatial association of disease patterns between two dates in orchards *Acta Horticulturae*, 781, 255-260
6. Tourvieille de Labrouhe D, Penaud A, Walser P, Mestries E, Moinard J, Serre F, Thiéry C, Garric B, **Delmotte F, Pinochet X** (2008) Determining the sunflower downy mildew risk by soil analysis. *17th International Sunflower Conference*, 1, 169-174
7. **Van Helden M, Pain G, Pithon J** (2008) Landscape characteristics influencing pest populations in viticulture. Working Group "Integrated Protection in Viticulture". *IOBC/wprs Bulletin*, 36, 369-373

Congrès Nationaux - ACTN

1. Gerbore J, Benhamou N, **Vallance J**, Le Floch G, Grizard D, **Rey P** (2013) Avantages et limites des micro-organismes utilisés en lutte biologique. Exemple de l'oomycète, *Pythium oligandrum*. 42ème Congrès du Groupe Français des Pesticides.
2. **Dufour M-C**, **Taris G**, **Druelle L**, **Sauris P**, Merdinoglu D, Cluzet S, **Corio-Costet M-F** (2012) "BioMolChem" : Une méthode pour évaluer l'état des défenses de la vigne: du gène au champ AFPP, 10e Conférence internationale sur les maladies des plantes, Tours.
3. Fontaine S, Caddoux L, Micoud A, Grosman J, Magnien C, **Dufour M-C**, **Corio-Costet M-F** (2012) Le point sur les résistances liées à des mutations de cible vis à vis des inhibiteurs de la 14 α -déméthylase et des strobilurines chez *erysiphe necator* : Bilan de quatre années de suivis. AFPP, 10e Conférence internationale sur les maladies des plantes, Tours.
4. **Lecomte P**, Darrietort G, Pieri P, **Rey P**, **Fermaud M** (2012) L'ESCA en France : progression, causes probables et symptômes. AFPP, 10e Conférence internationale sur les maladies des plantes, Tours 3,4 et 5 décembre 2012.
5. Aveline N, Riffard A, Tite A, Lejealle S, Cluzet S, **Corio-Costet M-F** (2011) Evaluation d'un outil innovant pour étudier la stimulation des défenses de la vigne au vigoble. AFPP, 4ème Conférence Internationale sur les méthodes alternatives en protection des cultures, lille, 8-10 mars, France.
6. **Corio-Costet M-F**, **Dufour M-C**, Cigna J, Abadie P, Chen W-J (2009) Résistance de *Plasmopara viticola* aux fongicides Qols: variabilité et compétitivité. AFPP, 9ème Conférence Internationale sur les maladies des plantes, Tours, 4-5 décembre, France, 630-639.
7. **Corio-Costet M-F**, Sombardier A, **Dufour M-C**, **Blancard D** (2009) Situation de la résistance de l'oïdium du fraisier (*Podosphaera aphanis*) aux fongicides DMIs en France. AFPP, 9ème Conférence Internationale sur les maladies des plantes, Tours, 4-5 décembre, France, 621-629.
8. **Dufour M-C**, **Druelle L**, **Sauris P**, **Taris G**, **Corio-Costet M-F** (2009) Efficacités de stimulateurs de défenses des plantes (BTH et phosphonates) sur l'oïdium et le mildiou de la vigne : impact de la diversité des pathogènes. AFPP, 9ème Conférence Internationale sur les maladies des plantes, Tours, 4-5 décembre, France, 526-535.
9. **Dufour M-C**, Fontaine S, Micoud A, **Corio-Costet M-F** (2009) Mise au point d'outils de Q-PCR pour la détection et la quantification des deux groupes génétiques (A et B), de la résistance aux DMIs et aux Qols chez l'oïdium de la vigne. AFPP, 9ème Conférence Internationale sur les maladies des plantes, Tours, 4-5 décembre, France, 660-669.
10. Sentenac G, **Thiéry D** (2008) Current biological and biotechnical tools to control grapevine pests and vectors. Mondiaiviti, Bordeaux, France.

OS Ouvrage ou chapitre d'ouvrage scientifique

1. **Corio-Costet M-F**, Fontaine S, Micoud A, Grosman J, Magnien C, **Dufour M-C** (2014) Assessment of fungicide resistance and pathogen diversity in *Erysiphe necator* using quantitative real-time PCR assays, in France (2008-2012). In: Dehne H, Deising H, Fraatje B, Gisi U, Hermann D, Mehl A, Oerke E, Russell P, Stammler G, Kuck K and Lyr H, eds. *Modern fungicides and antifungal compounds*. Braunschweig: DPG publisher, vol. VII, 147-149.
2. Gerbore J, Bruez E, **Vallance J**, Grizard D, Regnault-Roger C, **Rey P** (2014) Protection of grapevines by *Pythium oligandrum* strains isolated from Bordeaux vineyards against powdery mildew. In: Compant S and Mathieu F, eds. *Recent advances on biocontrol of grapevine diseases: from fundamental knowledge to application in the vineyards*. Oenoplurimedia, vol. In press.
3. Simon S, **Rusch A**, Wyss E, Sarthou JP (2014) Conservation biocontrol: Principles and implementation in organic farming. In: Penvern S, Savini I and Bellon S, eds. *Organic food and farming, prototype for sustainable agricultures*. Springer Netherlands, 83-105.
4. Calatayud P-A, Marion-Poll F, Thiéry D (2013) La réception sensorielle chez les insectes. In. *Interactions insectes-plantes*. Quae, IRD, 137-149.
5. **Calonnec A**, Duso C, Gessler C, Maixner M, **Thiéry D**, Zahavi T (2013) *Proceedings of the Working Group "Integrated Protection and Production in Viticulture". Proceedings of the Meeting at Lacanau (France), 02 – 05 October, 2011*. IOBC/wprs Bulletin, 85, XVII+ 232 pp.: Darmstadt.

6. **Corio-Costet M-F**, Lieutier F (2013) Associations insecte-champignon. In: Sauvion N, Calatayud P-A, **Thiéry D** and Marion-Poll F, eds. *Interactions insectes-plantes*. Quae, IRD, 271-278.
7. **Corio-Costet M-F**, Mondy N (2013) Besoins nutritifs des insectes. In: Sauvion N, Calatayud P-A, **Thiéry D** and Marion-Poll F, eds. *Interactions insectes-plantes*. Quae, IRD, 97-105.
8. Frérot B, Ameline A, Verneau S, **Thiéry D** (2013) Utilisation des médiateurs chimiques volatils en protection des cultures. In. *Interactions insectes-plantes*. Quae, IRD, 693-708.
9. Lieutier F, **Corio-Costet M-F** (2013) Interactions plantes-champignons-phytophages. In: Sauvion N, Calatayud P-A, **Thiéry D** and Marion-Poll F, eds. *Interactions insectes-plantes*. Quae, IRD, 495-510.
10. Moreau J, **Thiéry D** (2013) Qualité de la plante et reproduction. In. *Interactions insectes-plantes*. Quae, IRD, 369-381.
11. Sauvion N, Calatayud P-A, Thiéry D, Marion-Poll F (2013) *Interactions insectes-plantes*. Quae, IRD.
12. **Thiéry D**, Brévault T, Dormont L, Schatz B (2013) Recherche de la plante à distance. In. *Interactions insectes-plantes*. Quae, IRD, 319-346.
13. **Thiéry D**, Carton Y, Vidal C, Gauthier N, Derridj S, Vercambre B, Goebel R, Grégoire JC, Lieutier F (2013) Histoire de l'installation de quelques ravageurs. In. *Interactions insectes-plantes*. Quae, IRD, 623-662.
14. **Thiéry D**, Derridj S, Maheir N, Marion-Poll F (2013) L'insecte au contact de la plante. In. *Interactions insectes-plantes*. Quae, IRD, 347-368.
15. **Thiéry D**, Moreau J (2013) Induction natale de la préférence pour l'habitat (NHPI). In. *Interactions insectes-plantes*. Quae, IRD, 383-389.
16. **Corio-Costet M-F** (2011) Fungicide resistance in *Plasmopara viticola* in France and anti resistance measures. In: Thind T, ed. *Fungicide Resistance in crop protection: Risk and management*. CAB international 2012, 157-171.
17. **Corio-Costet M-F**, **Dufour M-C**, Cigna J, Abadie P, Chen W (2011) Resistance of *Plasmopara viticola*: diversity and fitness of resistant isolates to QoI fungicides. In: Lebeda A, Holmes GJ, Mauch-Mani B and Jeger MJ, eds. *The downy Mildews- Biology, Mechanisms of Resistance and Population Ecology*. Springer, 183-197.
18. **Vallance J**, Déniel F, Le Floch G, **Guérin-Dubrana L**, **Blancard D**, **Rey P** (2011) Pathogenic and beneficial microorganisms in soilless cultures. In. *Sustainable Agriculture*. vol. 2, 711-726.
19. Léger B, Naud O, Bellon-Maurel V, Clerjeau M, **Delière L**, **Cartolaro P**, **Delbac L** (2010) GrapeMilDeWS: A formally designed integrated pest management decision process against grapevine powdery and downy mildews. In: Systems IGPDS, ed. *Agriculture, Food and the Environment: Trends, Applications and Advance*. 244-269.
20. **Corio-Costet M-F**, Martinez F, **Delmotte F**, **Douence L**, **Richard-Cervera S**, Chen WJ (2008) Resistance of *Plasmopara viticola* to QoI fungicides: origin and diversity. In: Dehne HW, Gisi U, Kuck KH and Lyr H, eds. *Modern fungicides and antifungal compounds V*. BCPC, Hampshire, UK, 107-112.
21. Lafarge D, Abadie P, Cigna J, **Douence L**, **Dufour M-C**, **Corio-Costet M-F** (2008) Competitive fitness and adaptative value of QoI-resistant *Plasmopara viticola* strains. In: Dehne HW, Gisi U, Kuck KH and Lyr H, eds. *Modern fungicides and antifungal compounds V*. BCPC, Hampshire, UK, 181-185.
22. **Rey P**, Le Floch G, Benhamou N, Tirilly Y (2008) *Pythium oligandrum* biocontrol: Its relationships with fungi and plants. In: Ait Barka E and Clément C, eds. *Plant-Microbe Interactions*. 43-67.

Conférences Invitées

A des congrès Internationaux (C-INV)

1. **Calonnec A**, 2014. Epidemiologie de l'oïdium de la vigne. In. *European Sulfur Symposium*. Nice - France. (Key Note.)
2. **Rey. P**, 2014. Comparison of fungal and bacterial communities that colonize the wood of esca-symptomatic and asymptomatic grapevines. In. *COST FA 1303: Sustainable control of grapevine trunk disease*. Lisbonne, Portugal, 19-21 février 2014. (kick-off meeting.)

- 3 **Rey P**, 2013. Biotechnologies et protection des végétaux: intérêt de la microflore colonisatrice des plantes. In. *Symposium du Centenaire de l'Institut National de la Recherche Agronomique de Tunisie (INRAT)*. Gammarth - Tunisie, 27-28 novembre 2013. (Key Note.)
- 4 **Calonnec A**, Burie JB, Langlais M, Guyader S, Saint-Jean S, Sache I, Tivoli B, 2012. Impact of plant growth and architecture on pathogen processes and consequences for the epidemic behaviour. In. *Plant and Canopy Architecture Impact on Disease Epidemiology and Pest Development*. Rennes - France, 2 July 2012. (Key Note.)
- 5 **Delmotte F**, Louvet G, Richard-Cervera S, Mestre P, Schilder A, Austerlitz F, Fontaine MC, 2011. New and Emerging Fungal Diseases of Animals and Plants: evolutionary aspects in the context of global changes. In. *Jacques Monod Conference*. Roscoff - France, June 25-29, 2011. (Key Note.)
- 6 **Rey P**, Bruez E, Vallance J, Lecomte P, Guérin-Dubrana L, Laval V, Gautier A, Lebrun M, 2011. Characterization of fungal and bacterial communities colonizing the wood tissues of healthy and Esca-diseased vines In. *Workshop on wood-canker diseases, University California Davis*. Oakville - USA, 17-19 October 2011. (Key Note.)
- 7 **Calonnec A**, 2010. Modelling the effect of plant growth and susceptibility on the development of plant disease epidemics: powdery mildew of grapevine. In. *Patholux 2010 - Impact of plant pathogens on food quality of agricultural crops and wine*. Remich - Luxembourg: Bohn, T., Beyer, M., Evers, D., Hoffmann, L. (Key Note.)
- 8 **Delmotte F**, 2009. When population genetics highlight the epidemiology of grapevine downy and powdery mildew. In. *COST 858 Final Meeting*. Bordeaux - France, October 27-30, 2009. (Key Note.)

A des évènements, séminaires scientifiques nationaux ou internationaux (CINV –Seminar)

- 1 **Corio-Costet M-F**, 2013. Efficacité de produits stimulateurs et état de défense de la vigne : du gène au champ. Quel avenir ? In. *Séance de l'Académie d'Agriculture*. Paris - France, 6 février. (Key Note.)
- 2 **Calonnec A**, 2010. Highlighting Features of Spatiotemporal Spread of Powdery Mildew Epidemics in the Vineyard Using Statistical Modeling on Field Experimental Data. In. Porto - Portugal.
- 3 **Rey P**, 2010. Propriétés de l'agent de biocontrôle , *Pythium oligandrum*. In. *Centre de Recherche en Horticulture, Université Laval*. Québec - Canada, 3 mai. (Invited Seminar.)
- 4 **Calonnec A**, 2009. Un modèle hôte pathogène pour étudier les relations entre développement de la plante et épidémies. In. *Séminaire Agropolis sur la modélisation des plantes*. Montpellier - France, 4 décembre. (Invited Seminar.)

B. Interactions avec l'environnement social, économique et culturel

ASCL Articles dans revue sans comité de lecture

2014

1. **Corio-Costet M-F, Dufour M-C**, Fontaine S, Micoud A (2014) Le mildiou et l'oïdium font de la résistance... mais. *Union Girondine des Vins de Bordeaux*, 1111, 41-45
2. Davidou L, **Delbac L** (2014) Quelles stratégies contre les cochenilles ? *Union Girondine des Vins de Bordeaux*, mai, 62-64
3. **Delbac L**, Constant N, Laveau E, **Thiéry D**, Smits N, **Roudet J**, Merot A, Wery J, **Fermaud M** (2014) Evaluer les dégâts des bioagresseurs sur grappes : un sujet important durant la conversion à la viticulture biologique. *Union Girondine des Vins de Bordeaux*, 1108, 50-55
4. **Delbac L, Rusch A**, Ravidat M, Launes S, **Thiéry D** (2014) *Drosophila suzukii* : détection de l'espèce invasive sur grappes en 2013 en Gironde. *Union Girondine des Vins de Bordeaux*, 1109, 48-49
5. **Delbac L, Rusch A, Thiéry D** (2014) Tordeuses de la grappe et auxiliaires : évolution des populations en 2013 en Gironde. *Union Girondine des Vins de Bordeaux*, 1109, 41-47

6. **Delière L**, Petitgenet M, Goutouly J, Forget D, Coulon T, Davidou L, Guilbault P, Christen M, Rochas A, Alonso-Ugaglia A (2014) Le réseau Ecoviti Bordeaux expérimente des systèmes de cultures viticoles 'bas intrants'. *Phytoma*, 673, 51-55
7. **Lecomte P**, Darrieutort G, **Liminana JM**, **Comont G**, Muruamendiaraz A, Legorburu F-J, Choueiri E, Jreijiri F, El Amil R, Pieri P, **Fermaud M** (2014) Les symptômes de l'esca : Résultats d'observations précises et régulières dans des parcelles très atteintes. Enseignements pour la recherche et la gestion de cette importante maladie de dépérissement de la vigne. *Progrès Agricole et Viticole*, 11-30
8. **Lecomte P**, Darrieutort G, **Liminana JM**, **Comont G**, Muruamendiaraz A, Legorburu F-J, Choueiri E, Pieri P, **Fermaud M** (2014) Symptomatologie de l'esca : Les enseignements de 10 années d'observations. *Union Girondine des Vins de Bordeaux*, 41-53
9. **Lecomte P**, Darrieutort G, **Liminana JM**, **Comont G**, Muruamendiaraz A, Legorburu F-J, Choueiri E, Pieri P, **Fermaud M** (2014) Symptomatologie de l'esca : Les enseignements de 10 années d'observations. *Union Girondine des Vins de Bordeaux*, 41-53
10. Mayet V, **Lecomte P** (2014) Un nouveau moyen de protection des blessures de taille. *Union Girondine des Vins de Bordeaux*, 1107, 55-56
11. **Lecomte P**, (2014) Il mal dell'esca in Francia : progressione e probabili cause. In. *L'Informatore Agrario*. vol. 13 Supplemento, 13-15.
12. R4P R (2014) Autour des résistances aux produits de protection des plantes, un dialogue entre recherche et terrain. . *Phytoma*, 67, 7-9
13. R4P R (2014) Autour des résistances aux produits de protection des plantes, un dialogue entre recherche et terrain. *Phytoma*, 67, 7-9

2013

1. Davidou L, **Delière L**, Alonso-Ugaglia A (2013) Quelle stratégie mettre en œuvre pour réduire l'utilisation des produits phytosanitaires : l'exemple du prototype Mildium®? *Union Girondine des Vins de Bordeaux*, décembre, 39-44
1. Gerbore J, Yacoub A, Benhamou N, Ait Barka E, Fontaine F, **Rey P** (2013) Des micro-organismes pour protéger les cultures. *Biofutur*, 343, 43-45
2. **Calonnec A** (2013) Façonner l'architecture végétale pour contrôler les maladies des plantes. *Biofutur*, 343, 37-42
3. **Calonnec A**, Richard B, Andrivon D, Baranger A, Chauvin JE, Faivre R, Casadebaig P, Guyader S, Bussièrre JF, Langlais M, Tivoli B (2013) PROJET « ARCHIDEMIO » : Modéliser les interactions entre développement de la plante, architecture du couvert et épidémies de maladies fongiques aériennes, pour une gestion durable des cultures. *Innovations Agronomiques* 28, 201-226
4. Chemineau N, Deniel F, **Rey P**, Le Quillec S (2013) Recyclage des solutions nutritives. Les procédés de désinfection se perfectionnent. *Culture Légumière*, Hors Série Septembre, 30-34
5. **Corio-Costet M-F**, **Dufour M-C** (2013) Le point sur la résistance aux fongicides. *Union Girondine des Vins de Bordeaux*, MAI 2013, 53-57
6. **Delbac L**, Constant N, Laveau E, **Thiéry D**, Smits N, **Roudet J**, Mérot A, Wery J, **Fermaud M** (2013) Un nouvel indicateur intégré d'évaluation des dégâts occasionnés aux grappes par des bioagresseurs majeurs au vignoble. *Innovations Agronomiques*, 32, 61-71
7. **Delbac L**, **Rusch A**, **Thiéry D** (2013) Bilan des niveaux de ravageurs de la vigne en Gironde en 2012. *Union Girondine des Vins de Bordeaux*, Mars 2013, 39-44
8. **Delière L**, **Cartolaro P**, Goutouly JP, Barbier JM, Bonicel L, Forget D, Leroy P, Naud O, Alonso Ugaglia A, Del'homme B, Davy A, Davidou L, Guilbault P, Guisset M, Guillois F (2013) Conception et transfert de systèmes décisionnels pour la réduction des traitements en viticulture : le projet SyDéRéT. *Innovations Agronomiques* 28, 155-168
9. **Guérin-Dubrana L**, Bernos L, Chevrier C, Fontaine F, Gomes E, **Rey P** (2013) Maladies du bois de la vigne, note sur l'état des recherches. *Phytoma*, 688, 12-15
10. **Guérin-Dubrana L**, Bernos L, Chevrier C, Fontaine F, **Rey P** (2013) Les maladies du bois de la vigne, note sur l'état des recherches en France. *Le Vigneron Champenois*, novembre, 75-80
11. **Lecomte P**, Darrieutort G, Pieri P, **Rey P**, **Fermaud M** (2013) Esca en France : progression et causes probables. *Union Girondine des Vins de Bordeaux*, 1098, 34-38

12. Lorrain B, Ky I, Jourdes M, Pasquier G, Geny L, Donèche B, Teissedre P-L, **Fermaud M, Rey P** (2013) Pourriture grise de la Vigne : Impact sur la composition phénolique et la qualité sensorielle de raisins, de moûts et de vins. *Union Girondine des Vins de Bordeaux*, Mars, 49-52
13. Mestre P, Merdinoglu D, Wiedemann-Merdinoglu S, **Calonnec A, Delière L, Delmotte F** (2013) Vers une gestion durable de la résistance de la vigne au mildiou. *Innovations Agronomiques*, 27, 37-46
14. Muruamendiáraz A, Legorburu FJ, **Lecomte P** (2013) Los síntomas foliares de la vid y su relación con la enfermedad del brazo negro muerto. *Phytoma España*, 251, 37-40
15. **Rusch A**, Sarthou P (2013) Gestion agroécologique des ravageurs des cultures. *Biofutur*, 343, 33-36
16. **Thiéry, D** (2013) Protection intégrée, lutte biologique et écologique en agriculture. *Biofutur*, 343, 24-26
17. **Thiéry D** (2013) TAP Editio. *Biofutur*, 343, 3
18. Vogelweith F, **Thiéry D**, Moret Y, Moreau J (2013) Contrôle des ravageurs de cultures par les ennemis naturels : la plante hôte facteur régulateur du système immunitaire des chenilles de vers de la grappe *Le Cahier des Techniques de l'Inra*, (78) n°1

2012

1. **Bonnard O**, Monceau K, **Thiéry D** (2012) Elevage de colonies de *Vespa velutina*, un prédateur d'abeilles domestiques récemment introduit en France. *Le Cahier des Techniques de l'INRA*
2. **Corio-Costet M-F, Dufour M-C** (2012) Stimulateurs de défenses des plantes. Quel progrès en vigne ? *Union girondine des Vins de Bordeaux*, 68-71
3. **Corio-Costet M-F, Dufour M-C**, Fontaine S, Micoud A (2012) Le point sur la résistance aux fongicides *Union girondine des Vins de Bordeaux*, Février, 45-49
4. **Corio-Costet M-F, Dufour M-C**, Fontaine S, Micoud A (2012) Oïdium de la vigne, évolution de la résistance aux fongicides de 2008 à 2011. *Phytoma*, 655, 11-14
5. Davidou L, Meyrignac J, Elia C, **Fermaud M, Roudet J** (2012) Actualisation des connaissances sur la pourriture grise : Les méthodes de lutte *Union Girondine des Vins de Bordeaux*, Avril 2012, 32-36
6. **Delbac L**, Dupont M, Moreau P, **Thiéry D** (2012) Vignole sous confusion sexuelle dans le Médoc Suivi de la micro faune. *Union Girondine des Vins de Bordeaux*, 39-43
7. **Fermaud M, Roudet J**, Davidou L (2012) Pourriture grise de la vigne : Actualisation des connaissances. *Union Girondine des Vins de Bordeaux*, mars 2012, 36-39
8. Rouzes R, **Delbac L**, Ravidat ML, **Thiéry D** (2012) Une nouvelle drosophile *Drosophila suzukii* en vignoble bordelais : Est-il opportun de surveiller la menace ? *Union Girondine des Vins de Bordeaux*, Juillet 2012, 36-42

2011

1. **Delmotte F**, Forneck A, Powell K, Rispe C, Tagu D (2011) Proposal to sequence the genome of the grape phylloxera. *Aphidbase*
2. Duffau L, Robert G, Tison L, Bunes J, Diez I, Tiradon M, Cuevas M, Hons E, Baque E, Faure c, Liegeois M, Danthony A, Gillard S, **Rey P**, Benizri E, Regnault-Roger C (2011) Méthodes alternatives, des étudiants intéressés. *Phytoma - La défense des Végétaux*, 645, 12-14
3. **Rey P, Lecomte P, Guérin-Dubrana L, Corio-Costet M-F**, Fontaine F, Gomes E, Goutouly JP, Hofstetter V, Legorburu X, De la Rocque B (2011) Maladies du bois de la vigne, situation, enjeux et perspective. Les enseignements de la journée thématique de l'ISVV du 22 octobre 2010. *Phytoma - La défense des Végétaux*, 640, 22-26
4. **Thiéry D, Chucho J** (2011) Lutte alternative contre la cicadelle de la flavescence dorée. Etat des lieux, limites et perspectives. *Union Girondine des Vins de Bordeaux*, 33-38
5. **Thiéry D, Delbac L** (2011) Phéromones et confusion sexuelle en vignoble. *Union Girondine des Vins de Bordeaux*, 1076, 38-43

2010

1. **Cartolaro P, Delière L**, Davidou L, Del'homme B, Ugaglia A (2010) Une stratégie pour réduire le nombre d'applications fongicides. *Union Girondine des Vins de Bordeaux*, 1033, 45-51
2. **Chucho J**, Dané J, **Thiéry D** (2010) *Phlogotettix cyclops*: Découverte d'une nouvelle espèce de cicadelle du vignoble bordelais. *Union Girondine des Vins de Bordeaux*, 40-42
3. **Corio-Costet M-F, Dufour M-C**, Fontaine S (2010) Oïdium de la vigne - Point sur la diversité et la résistance aux fongicides en 2009. *Union Girondine des Vins de Bordeaux*, 1067, 33-35

4. **Delbac L, Thiéry D** (2010) Les vers de la grappe - Un moyen de lutte biotechnique; confusion sexuelle et autres ravageurs non ciblés: que sait-on ? Les auxiliaires : un complément à la lutte contre les tordeuses. *Bulletin technique du G.D.V de la Marne*, 18, 9-11
5. **Fermaud M**, Deytieux-Belleau C, **Roudet J**, L'Hyvernay A, Darrieutort G, Daguisé F, Donèche B, Geny L (2010) Pourriture grise au vignoble - Des indicateurs de risque en développement. *Union Girondine des Vins de Bordeaux*, 25-29
6. Gary C, **Fermaud M** (2010) Reducing Herbicide Use With Cover Cropping And Tillage. Dissimination and bottlenecks in different European grapevine-growing regions. *Grapevine Case Study*, n°1
7. Hoffmann C, Germany J, **Thiéry D** (2010) Mating Disruption For The Control Of Grape Berry Moths. Bottlenecks and conditions for adoption in different European grapevine-growing regions. *Grapevine Case Study*, n°3

2009

1. Adam-Blondon AF, Bacilieri R, Baillieux F, Boursiquot JM, Clément C, Daire X, **Delmotte F**, Delrot S, Dubreuil C, Duchêne E, Gauthier A, Karst F, Lacombe T, Laucou V, Merdinoglu D, Mestre P, Ollat N, Pelsy F, Péros JP, Poinssot B, Pugin A, **Rey P**, Terrier N, This P, Trouvelot S, Viaud M (2009) Perspectives pour la viticulture du décryptage du génome de la vigne. Partie 2/3: Economiser les intrants. *Revue des Oenologues*, 130, 9-11
2. Adam-Blondon AF, Bacilieri R, Baillieux F, Boursiquot JM, Clément C, ., Daire X, **Delmotte F**, Delrot S, Dubreuil C, Duchêne E, Gauthier A, Karst F, Lacombe T, Laucou V, Merdinoglu D, Mestre P, Ollat N, Pelsy F, Péros JP, Poinssot B, Pugin A, **Rey P**, Terrier N, This P, Trouvelot S, Viaud M (2009) Perspectives pour la viticulture du décryptage du génome de la vigne. Partie 3/3: Maîtrise de la maturation et gestion des ressources génétiques de la vigne. . . *Revue des Oenologues*, 131, 15-18
3. **Blancard D** (2009) Quel est votre diagnostic? *Rhizoctonia crocorum* se manifeste exceptionnellement sur tomate. *PHM-Revue Horticole*, 518, 45-46
4. **Blancard D**, Ruel T (2009) Quel est votre diagnostic? La septoriose du persil provoquée par le champignon *Septoria petroselini*. *PHM-Revue Horticole*, 514, 45-46
5. Chuche J, Boursault A, **Thiéry D** (2009) Do *Scaphoideus titanus* larvae aggregate for feeding? . *Le Progrès Agricole et Viticole*, in press
6. Chuche J, **Thiéry D** (2009) Températures hivernales et dynamique d'éclosions des larves de cicadelles. *Union Girondine des Vins de Bordeaux*, Juin 2009, 42-45
7. Corio-Costet MF, **Blancard D**, **Dufour M-C**, Sombardier A (2009) Oïdium du fraisier : pertes d'efficacité des fongicides les plus employés en France. *PHM-Revue Horticole*, 517, 41-44
8. **Corio-Costet M-F**, **Dufour M-C**, **Cartolaro P** (2009) Odieux oïdium ! Le point sur la diversité et la résistance aux fongicides en 2008. *Union Girondine des Vins de Bordeaux*, Mai 2009, 50-53
9. Laurent E, **Blancard D** (2009) Phomopsis dauci. Un nouveau pathogène des multiplications de semences de carotte? *Bulletin Semences*, 209, 29
10. **Lecomte P** (2009) Lutte contre l'Esca - Actualités et solutions pour le futur. *Union Girondine des Vins de Bordeaux*, 48-52
11. **Lecomte P** (2009) Lutte contre les maladies du bois (Esca) : actualités et solutions pour le futur. *Progrès Agricole et Viticole*, 126, 401-408
12. Sombardier A, **Willocquet L**, **Corio-Costet M-F**, Petit A, **Savary S**, **Blancard D** (2009) Maîtriser l'oïdium du fraisier au laboratoire pour mieux combattre. *PHM-Revue Horticole*, 39-44
13. Sombardier A, **Willocquet L**, **Corio-Costet M-F**, Petit A, **Savary S**, **Blancard D** (2009) Maîtriser l'oïdium du fraisier au laboratoire pour mieux le combattre. *PHM-Revue Horticole*, 516, 39-44
14. Vacher B, Pons M, Dauphin B, La Guerche S, **Blancard D**, **Sauris P**, Darriet P (2009) Déviations organoleptiques des moûts et des vins associées aux pourritures des raisins. *Le Vigneron Champenois*, n°4, 51-65

2008

1. **Blancard D**, Buffière A, Clerc H, Piasentin JC (2008) Piment d'Espelette: un contexte de production favorable à *Sclerotinium rolfsii*. *Phytoma*, 613, 45-48
2. **Blancard D**, **Chamont S** (2008) Quel est votre diagnostic ? *Uromyces viciae-fabae*; rouille sur la fève maraîchère. *PHM-Revue Horticole*, 503, 45-47

3. **Blancard D**, Nogueira M (2008) Quel est votre diagnostic? L'hétérospirose de l'iris provoquée par le champignon *Cladosporium iridis*. *PHM-Revue Horticole*, 507, 45-46
4. **Corio-Costet M-F**, **Bouscaut J** (2008) Stimulateurs des défenses naturelles des plantes. *Union Girondine des Vins de Bordeaux*, Janvier, 24-26
5. **Delbac L** (2008) Evolution des populations de cicadelles vertes sous confusion sexuelle. *Bulletin technique du G.D.V Marne*, 10, 5-6
6. **Delière L**, **Cartolaro P**, Naud O, **Léger B**, Goutouly JP, Davidou L, Brosse E, Guisset M (2008) Mildiou et oïdium de la vigne - pour des décisions coordonnées : Conception et évaluation de Mildium, un processus opérationnel de décision pour une gestion fongicide coordonnée à apport réduit. *Phytoma - La Défense des Végétaux*, 621, 20-24
7. **Delmotte F** (2008) Découverte MILDIOU : des souches européennes proches génétiquement. *Viti*, 343, 15
8. **Lecomte P**, Darrietort G, **Liminana JM**, **Louvet G**, Tandonnet JP, **Guérin-Dubrana L**, Goutouly JP, Gaudillère JP, **Blancard D** (2008) Eutypiose et esca : (I) Eléments de réflexion pour mieux appréhender ces phénomènes de dépérissement. *Phytoma*, 615, 42-48
9. **Lecomte P**, Darrietort G, **Liminana JM**, **Louvet G**, Tandonnet JP, **Guérin-Dubrana L**, Goutouly JP, Gaudillère JP, **Blancard D** (2008) Esca de la vigne : (II) Vers une gestion raisonnée des maladies de dépérissement. *Phytoma*, 616, 37-41
10. Vacher B, Pons M, Dauphin B, La Guerche S, **Blancard D**, **Sauris P**, Darriet P (2008) Déviations organoleptiques des moûts et des vins associées aux pourritures des raisins. Progression dans la connaissance des molécules odorantes mises en cause et des mécanismes de leur formation. *Revue des Oenologues*, 129, 9-13
11. Verpy A, **Dufour M-C**, Garcia C, **Van Helden M** (2008) La flavescence dorée dans le Libournais : une gestion efficace et possible avec 60 % de traitements en moins. *Phytoma*, 614, 53-55

OV Ouvrage ou chapitre d'ouvrage de vulgarisation

1. **Delmotte F**, **Delière L**, **Calonne A** (2013) L'oïdium et le mildiou peuvent-ils s'adapter aux variétés résistantes de vigne ? In: ICV, ed. *Les cépages résistants aux maladies cryptogamiques Panorama Européen*. 46-53.
2. **Blancard D**, Laterrot H, Marchoux G, Candresse T (2009) Les maladies de la tomate. In: INRA, ed. *Les maladies de la tomate*. vol. Novembre 2009.
3. **Thiéry D**, Esmenjaud D, Kreiter S, Martinez M, Sforza R, **Van Helden M**, Yvon M (2008) Les insectes de la vigne : Les tordeuses nuisibles à la vigne. In: Kreiter S, ed. *Ravageurs de la vigne*. Féret, 214-246.
4. **Van Helden M** (2008) Protection intégrée : La protection intégrée vis-à-vis des ravageurs de la vigne. In: Kreiter S, ed. *Ravageurs de la vigne*. Féret, 321-335.

DOC Documents à vocation de transfert

1. **Delière L**, Petitgenet M (2014). Evaluation de systèmes viticoles par l'expérimentation : bilan sur la méthode et son efficacité. In. *Séminaire Ecoviti*. Montpellier.
2. Brisset M, Duge T (2014). Dispositif pour déterminer ou étudier l'état de stimulation des défenses naturelles de plantes ou de parties de plantes. *Brevet : outil q-PFD sur vigne*. (n° 1055042.)
3. Thibault L, Allezmoz P, Conjeaud J, **Delière L**, Delorme R, Fernandez P, Gauvrit C, Gilbert E, Hamon G, Lemarchand F, Locatelli A, Monnet Y, Querrioux Q, Thiery-Lanfranchi H, Vincent G, Weickmans B (2014) Recommandations concernant l'expérimentation d'un adjuvant en vue de préciser son domaine d'utilisation. *Commission des essais biologiques de l'AFPP*, Document technique n°22
4. This P, Escudier J, Adrian M, **Delière L**, Sablayrolles J, Barbeau G, Ollat N, Gary C, Touzard J, Merdinoglu D, Georget M, 2013. Vers des agricultures conventionnelles à hautes performances. In., 221-252. (Volume 4 : analyse des voies de progrès en agriculture conventionnelle par orientation productive.)

5. Barbier JM, Constant N, Davidou L, **Delière L**, Guisset M, Jacquet O, Lafond D, Panon ML, Sauvage D (2011) *Guide pratique CEPviti 1ere partie guide méthodologique*.
6. Barbier JM, Constant N, Davidou L, **Delière L**, Guisset M, Jacquet O, Lafond D, Panon ML, Sauvage D (2011) *Guide pratique CEPviti 2eme partie guide support*.
7. Barbier JM, Constant N, Davidou L, **Delière L**, Guisset M, Jacquet O, Lafond D, Panon ML, Sauvage D (2011) *Guide pratique CEPviti 3eme partie guide technique*.
8. Chuche J, **Thiéry D** (2011) *Températures hivernales et extension géographique de la flavescence dorée*. 29 novembre- 1er décembre, Montpellier.
9. **Corio-Costet M-F** (2011) *Les stimulateurs de défense des plantes (SDP) un enjeu pour la viticulture de demain*. 29 novembre- 1er décembre, Montpellier.
10. **Delière L** (2011) *Agrosystèmes viticoles innovants*. 29 novembre- 1er décembre, Montpellier.
11. **Delière L** (2011) *Des outils d'aide à la décision en protection du vignoble*. 29 novembre- 1er décembre, Montpellier.
12. Mérot A, **Thiéry D** (2011) *L'INRA accompagne la transition vers une viticulture moins dépendante des pesticides : le cas de la viticulture biologique*. 29 novembre- 1er décembre, Montpellier.

Conférences Invitées

A des évènements, conférences à destination des professionnels (CINV-Pro)

- 1 **Rey P**, 2014. Maladies du bois de la vigne: les avancées de la recherche. In. *Journée technique du Bureau National Interprofessionnel du Cognac*. Cognac - France, 16 avril.
- 2 **Calonnec A**, 2013. Effects of Vine growth and architecture on powdery mildew susceptibility. In. *Lien de la vigne - Vinelink International*. Paris - France, 9 mars. (Invited Seminar.)
- 3 **Calonnec A**, 2013. Relations vigne-oïdium- environnement, quoi de neuf? In. *Giornata del viticoltore (Journée des Viticulteurs)*. *La difesa della vite, le sfide europee sono pure sfide ticinesi*. Bellinzona - Switzerland, 17 October.
- 4 **Calonnec A**, 2013. Relation Vigne/ *Erysiphe necator* /Environnement. In. *Université de Bayer*. Montpellier - France, 6 février.
- 5 **Corio-Costet M-F**, 2013. Outils d'évaluation fonctionnelle de l'efficacité de produits stimulateurs et état de défense de la vigne : du gène au champ. In. *Journée ENFA- DRAAF Midi-Pyrénées 'Moins de phytos. Biocontrôle et stimulateurs des défenses naturelles (SDN/SDP)'*. Auzeville - France, 21 novembre.
- 6 **Thiéry D**
vignobles, . In. *Vinoscience Bourgogne*. Beaune - France, 5 novembre.
- 7 **Rey P**, 2012. Epidémiologie et étude de la microflore impliquées dans les maladies du bois de la vigne. In. *Vinitech*. Bordeaux - France, 1er décembre.
- 8 Davidou L, Meyrignac JB, Elia C, **Fermaud M**, **Roudet J**, 2012. Pourriture grise de la Vigne : méthodes de lutte en Gironde. In. *Vinitech*. Bordeaux: *Avenir Agric. Vitic. Aquitain*, 10-11. (Nov.)
- 9 **Rey P**, 2010. Communautés fongiques associées aux maladies du bois de la vigne. In. *Vinitech*. Bordeaux - France, décembre.

C. Implication dans la formation par la recherche

TH Thèses

- 1 Bruetz E (2013) Etude comparative des communautés fongiques et bactériennes colonisant le bois de ceps de vigne ayant exprimé ou non des symptômes d'esca. Doctorat Biologie Végétale, Bordeaux 2. Resp.: Rey P.
- 2 Gerbore J (2013) Lutte biologique contre un champignon pathogène impliqué dans l'esca de la vigne, par utilisation de l'oomycète *Pythium oligandrum*. Doctorat Sciences Agronomiques, Biotechnologies agro-alimentaires, Université de Pau et des pays de l'Adour Resp.: Rey P.

- 3 Rouxel M (2012) Ecologie et évolution de l'interaction *Plasmopara viticola* / *Vitis* spp. et évaluation des risques de contournement de la résistance de la vigne au mildiou. Thèse de doctorat, Université Bordeaux 2. Resp.: Delmotte F.
- 4 Dufour M-C (2011) Etude de l'efficacité des défenses de différents génotypes de *Vitis* induites par élicitation face à la diversité génétique de bioagresseurs (*Plasmopara viticola* et *Erysiphe necator*): du gène au champ. Thèse de doctorat, Université de Bordeaux. Resp.: Corio-Costet MF.
- 5 Chuche J (2010) Comportement de *Scaphoideus titanus*, conséquences spatiales et démographiques. Thèse de doctorat, Université Bordeaux 2. Resp.: Thierry D.
- 6 Vallance J (2009) Lutte biologique par utilisation de l'oomycète *Pythium oligandrum*: colonisation de la rhizosphère et influence sur la dynamique des populations microbiennes. Resp.: Rey P.

Publications Adrien Rusch sur ses travaux avant recrutement

ACL – Articles dans revue internationale ou nationale à comité de lecture, répertoriée dans les bases de données

- 1 **Rusch A**, Birkhofer K, Bommarco R, Smith HG, Ekbom B (2014) Management intensity at field and landscape levels affects the structure of generalist predator communities. *Oecologia*, 1-13
- 2 **Rusch A**, Valantin-Morison M, Roger-Estrade J, Sarthou J-P (2012) Local and landscape determinants of pollen beetle abundance in overwintering habitats. *Agricultural and Forest Entomology*, 14, 37-47
- 3 Médiène S, Valantin-Morison M, Sarthou J-P, Tourdonnet Sd, Gosme M, Bertrand M, Roger-Estrade J, Aubertot J-N, **Rusch A**, Motisi N, Pelosi C, Doré T (2011) Agroecosystem management and biotic interactions: a review. *Agronomy for Sustainable Development*, 31, 491-514
- 4 **Rusch A**, Valantin-Morison M, Sarthou J-P, Roger-Estrade J (2011) Multi-scale effects of landscape complexity and crop management on pollen beetle parasitism rate. *Landscape Ecology*, 26, 473-486
- 5 **Rusch A**, Valantin-Morison M, Sarthou JP, Roger-Estrade J (2010) Integrating Crop and Landscape Management into New Crop Protection Strategies to Enhance Biological Control of Oilseed Rape Insect Pests. In: Williams IH, ed. *Biocontrol-Based Integrated Management of Oilseed Rape Pests*. Springer Netherlands, 415-448.
- 6 **Rusch A**, Valantin-Morison M, Sarthou JP, Roger-Estrade J (2010) Biological control of insect pests in agroecosystems: effects of crop management, farming systems and semi-natural habitats at the landscape scale. A review. *Advances in Agronomy*, 109, 219-259

OS – Ouvrage ou chapitre d’ouvrage scientifique

Rusch A, Valantin-Morison M, Sarthou JP, Roger-Estrade J (2010) Integrating Crop and Landscape Management into New Crop Protection Strategies to Enhance Biological Control of Oilseed Rape Insect Pests. In: Williams IH, ed. *Biocontrol-Based Integrated Management of Oilseed Rape Pests*. Springer Netherlands, 415-448.

Publications Frédéric Fabre sur ses travaux avant recrutement

1. Fabre F, Moury B, Johansen EI, Simon V, Jacquemond M, Senoussi R (2014) Narrow bottlenecks affect Pea seedborne mosaic virus populations during vertical seed transmission but not during leaf colonization. *PLoS Pathogens*, 10(1), e1003833
2. Rousseau C, Belin E, Bove E, Rousseau D, Fabre F, Berruyer R, Guillaumes J, Manceau C, Jacques M-A, Boureau T (2013) High throughput quantitative phenotyping of plant resistance using chlorophyll fluorescence image analysis. *Plant Methods*, 9:17
3. Fabre F, Montarry J, Coville J, Senoussi R, Simon V, Moury B (2012) Modelling the Evolutionary Dynamics of Viruses within Their Hosts: A Case Study Using High-Throughput Sequencing. *PLoS Pathogens*, 8(4), e1002654
4. Fabre F, Rousseau E, Mailleret L, Moury B (2012) Durable strategies to deploy plant resistance in agricultural landscapes. *New Phytologist*, 193, 1064-1075
5. Ajouz S, Walker AS, Fabre F, Leroux P, Nicot PC, Bardin M (2011) Variability of Botrytis cinerea sensitivity to pyrrolnitrin, an antibiotic produced by biological control agents. *Biocontrol*, 56, 353-363
6. Lecoq H, Fabre F, Joannon B, Wipf-Scheibel C, Chandeysson C, Schoeny A, Desbiez C (2011) Search for factors involved in the rapid shift in Watermelon mosaic virus (WMV) populations in South-eastern France. *Virus Research*, 159, 115-123
7. Dedryver CA, Le Ralec A, Fabre F (2010) The conflicting relationships between aphids and men: A review of aphid damage and control strategies. *Comptes Rendus Biologies*, 333, 539-553
8. Fabre F, Chadoeuf J, Costa C, Lecoq H, Desbiez C (2010) Asymmetrical over-infection as a process of plant virus emergence. *Journal of Theoretical Biology*, 265, 377-388

9. Fabre F, Dedryver CA, Plantegenest M, Hulle M, Rivot E (2010) Hierarchical Bayesian Modelling of plant colonisation by winged aphids: Inferring dispersal processes by linking aerial and field count data. *Ecological Modelling*, 221, 1770-1778
10. Moury B, Fabre F, Montarry J, Janzac B, Ayme V, Palloix A (2010) The adaptation of plant viruses to varietal resistances. *Virologie*, 14, 227-239
11. Dalmon A, Fabre F, Guilbaud L, Lecoq H, Jacquemond M (2009) Serological and molecular detection of Tomato chlorosis virus and Tomato infectious chlorosis virus in tomato. *Plant Pathology*, 58, 620-620
12. Dalmon A, Fabre F, Guilbaud L, Lecoq H, Jacquemond M (2009) Comparative whitefly transmission of Tomato chlorosis virus and Tomato infectious chlorosis virus from single or mixed infections. *Plant Pathology*, 58, 221-227
13. Fabre F, Bruchou C, Palloix A, Moury B (2009) Key determinants of resistance durability to plant viruses: Insights from a model linking within- and between-host dynamics. *Virus research*, 141, 140-149
14. Janzac B, Fabre F, Palloix A, Moury B (2009) Constraints on evolution of virus avirulence factors predict the durability of corresponding plant resistances. *Molecular Plant Pathology*, 10, 599-610
15. Lecoq H, Wipf-Scheibel C, Chandeysson C, Le Van A, Fabre F, Desbiez C (2009) Molecular epidemiology of Zucchini yellow mosaic virus in France: An historical overview. *Virus Research*, 141, 190-200