

Programme

Sunday, 21 October 2007

18h00 OPENING COCKTAIL FUNCTION, CAPE TOWN INTERNATIONAL CONVENTION CENTRE (CTICC)

Monday, 22 October 2007

8h30-9h00 OPENING AND WELCOME

1. OPENING SESSION: *BOTRYTIS*, INDUSTRY AND THE FOOD CHAIN

9h00-9h45 **Keynote + Chairperson:**
Peter H. Schreier
***Botrytis*, industry and the food chain**

9h45-10h00 Dominique Steiger
Global economic importance of *Botrytis* protection

10h00-10h30 COFFEE BREAK

2. *BOTRYTIS* IDENTIFICATION AND DETECTION

10h30-11h15 **Keynote + Chairperson:**
Frances M. Dewey (Molly)
Detection and quantification of *Botrytis* species - an overview of modern technologies

11h15-11h45 **Plenary lecture:**
Daniel Kliebenstein, Heather Rowe, Erica Bakker and Katherine J. Denby
Understanding and using *Botrytis cinerea* natural variation

11h45-12h00 J. Zhang, L. Zhang, M. D. Wu, Guoqing Li and D. H. Jiang
Molecular identification of *Botrytis* species isolated from Central China

12h00-12h15 Shanna Bastiaan-Net, Peter Balk, Christiaan Roelofsen, Monique van Wordragen and Jurriaan Mes
Developing marker genes for the prediction of *Botrytis cinerea* infection on flower petals of *Rosa hybrida*

12h15-12h30 DISCUSSION: *BOTRYTIS* IDENTIFICATION AND DETECTION

12h30-13h30 LUNCH AND POSTER VIEWING

3. BIOLOGY AND GENETICS OF *BOTRYTIS*

13h30-14h00 **Keynote + Chairperson:**
Matthias Hahn, Michaela Leroch, Matthias Kretschmer, Astrid Schamber, Andreas Mosbach, Oliver Rui and Gunther Döhlemann
Genetics and biology of *Botrytis cinerea*

14h00-14h15 Anne-Sophie Walker, Véronique Decognet, Marc Fermaud, Alexandre Bout, Johann Confais, Pierre Leroux, Angélique Gautier, Fabian Martinez, Jean Roudet, Philippe Nicot, Marc Bardin, Philippe Robin, Mélody Potron and Elisabeth Fournier
Genetic diversity and structuring factors for *Botrytis cinerea* French populations

14h15-14h30 Martijn Staats, Peter van Baarlen and Jan A.L. van Kan
Reproductive modes of *Botrytis* species in the field and in the lab

14h30-14h45 Annika A.M. Bokor, Jan A.L. van Kan and Russell T.M. Poulter
Sexual mating of *Botryotinia fuckeliana* illustrates PRP8 intein HEG activity

14h45-15h00 Michaela Leroch, Manti Schwarzkopf, Astrid Schamber, Gunther Döhlemann, Janine Diwo and Matthias Hahn
Functional characterisation of a cell surface sensor-like protein in *Botrytis cinerea*

15h00-15h45 COFFEE BREAK AND POSTER VIEWING

15h45-16h15 **Plenary lecture:**
Bettina Tudzynski
Signaling in *Botrytis cinerea* - an overview

16h15-16h30 Julia Plotnikov and Frederick M. Ausubel
Difference in infection strategies of biotrophic and necrotrophic pathogens

16h30-16h45 Shahar Ish-Shalom, Tatiana Kaplunov, Yochanan Zutchi, Susan Lurie, Mustafa Celik, Ajay K. Pandey, Maria R. Davis and Amnon Lichter
Monitoring the development of *Botrytis cinerea* at low temperature

16h45-17h00 Colin M.C. Tan, Michael N. Pearson, Ross E. Beever and Stephanie L. Parkes
Why fungi have sex?

17h00-17h30 DISCUSSION: BIOLOGY AND GENETICS OF *BOTRYTIS*

Tuesday, 23 October 2007

4. ECOLOGY AND EPIDEMIOLOGY

- 8h30-9h15 **Keynote + Chairperson:**
Yigal Elad
Epidemiology and ecology of *Botrytis* spp.
- 9h15-9h30 Stella M. Zitter and Wayne F. Wilcox
Environmental and nutritional factors influencing the activation and spread of quiescent infections of *Botrytis cinerea* in grapes
- 9h30-9h45 Marc Fermaud, Héctor Valdés-Gómez, A. Calonnet, Jean Roudet and Christian Gary
Interdependent effects of (micro) climate and vegetative growth on grey mould incidence in grapevine
- 9h45-10h00 Xiangming Xu and Angela Berrie
Infection of blackcurrant flowers and fruits in relation to weather conditions and fruit age
- 10h00-11h00 COFFEE BREAK AND POSTER VIEWING**
- 11h00-11h15 K. Schmidt, D.A.J. Teulon, S.D. Wratten and Marlene V. Jaspers
***Thrips obscuratus*, as a vector of *Botrytis cinerea*, to cause grape flower infection**
- 11h15-11h30 A.P. Rajaguru, E.N.K. Sowley, A.E. vandenBon, F.M. Dewey and Michael W. Shaw
Location and persistence of systemic *Botrytis cinerea* in lettuce, Primula and other species
- 11h30-11h45 Chris Spies, Adele Mcleod and Sandra Lamprecht
Inoculum ecology of *Botrytis cinerea* in rooibos (*Aspalathus linearis*) nurseries in the Western Cape province of South Africa
- 11h45-12h00 Robert M. Beresford, Katherine J. Evans and Jacqueline Edwards
Predicting the seasonal risk of *Botrytis* bunch rot in wine grapes
- 12h00-12h15 R.W. Emmett, M. Welsh, O. Villalta, Jacqueline Edwards, R. Holmes, J. Lopresti, B. Tomkins and D. Partington
Evaluation of the Broome *Botrytis* model for the forecast of *Botrytis* infection risk in table grapes
- 12h15-12h30 Ruth Walter, Marco Harms and Heinrich Buchenauer
Investigations on the competitive colonisation of *Botrytis cinerea* and *Penicillium expansum* on grapes
- 12h30-13h00 DISCUSSION: ECOLOGY AND EPIDEMIOLOGY**
- 13h00-14h00 LUNCH AND POSTER VIEWING**

5. DISEASE MANAGEMENT (1)

- 14h00-14h45 **Keynote + Chairperson:**
Maarten de Waard, Aurelie Huser Ramin Roohparvar, Henk-jan Schoonbeek and Lute-Harm Zwiers
Developments in indirect disease control of plant pathogens
- 14h45-15h00 Matthias Kretschmer, Michaela Leroch, Melanie Wiwiorra, Anne-Sophie Walker and Matthias Hahn
Multiple fungicide resistance in *B. cinerea* field strains is correlated with over-expression of efflux transport proteins
- 15h00-15h15 Rita Milvia De Miccolis Angelini, Caterina Rotolo, Wassim Habib, Stefania Pollastro and Franco Faretra
Single nucleotide polymorphisms (SNPs) in *Botryotinia fuckeliana* genes involved in fungicide resistance
- 15h15-15h30 Chang-Lin Xiao
Resistance of *Botrytis cinerea* to thiabendazole and alternatives for management of post-harvest grey mould in apple in Washington State of USA
- 15h30-15h45 Sandra C. Lamprecht, Johan A. Brand, Chris F.J. Spies and Paul H. Fourie
Integrated management of *Botrytis* grey mould of rooibos (*Aspalathus linearis*) seedlings in nurseries
- 15h45-16h00 Maria Lodovica Gullino
***Botrytis* management in vegetable crops: challenges and perspectives**
- 16h00 CLOSE: DAY 2**
- 18h00 Busses leave for official "African" dinner at Moyo**
- 19h00 OFFICIAL "AFRICAN" DINNER AT MOYO, SPIER WINE ESTATE, STELLENBOSCH**

Wednesday, 24 October 2007

6. BOTRYTIS"-OMICS"

- 8h00-8h45 **Keynote + Chairperson:**
Sabine Fillinger and the *Botrytis-Sclerotinia* genome consortium
The *Botrytis cinerea* genome
- 8h45-9h00 Guillaume Robin, Isidro G. Collado, Mathias Choquer, Jean-Marc Pradier, Guillaume Morgant, Pascal Le Pêcheur, Muriel Viaud and the *Botrytis-Sclerotinia* genome consortium
Secondary metabolism genes clusters in *Botrytis cinerea*: a high potential for sesquiterpenes biosynthesis
- 9h00-9h15 Punit Shah, Hind El Mubarek, Gopi K. Podila, James Atwood III, Gerardo Gutierrez-Sanchez, Ron Orlando, Maria R. Davis and Carl Bergmann
Secreted proteome from *Botrytis cinerea*
- 9h15-9h30 John V.W. Becker, Andreas G.J. Tredoux, Katherine J. Denby and Melané A. Vivier
Transcriptomic analysis of PGIP-specific resistance phenotypes against *Botrytis cinerea* reveals novel roles of PGIPs in plant defense responses
- 9h30-9h45 Katrien Curvers, Bob Asselbergh, Soraya França, Monica Höfte and Frank Van Breusegem
Transcript profiling of the tomato (*Solanum lycopersicum*) response to the necrotrophic fungus *Botrytis cinerea*
- 9h45-10h00 Priya Madhou, Joseph Mulema, Oliver Windram, Nicolette Adams, Zennia Paniwnyk and Katherine Denby
Unravelling gene regulatory networks governing the *Arabidopsis* response to *Botrytis cinerea* infection

10h00-11h00 COFFEE BREAK AND POSTER VIEWING

7. HOST-PATHOGEN INTERACTIONS

- 11h00-11h45 **Keynote + Chairperson:**
Jan A.L. van Kan
Host-pathogen interactions: the plant side of the coin
- 11h45-12h00 Ann L.T. Powell, Dario Cantu, Ariel R. Vicente, Molly Dewey, Alan B. Bennett and John M. Labavitch
The susceptibility of ripe tomato fruit to *Botrytis cinerea* is influenced by the structure and composition of the extracellular plant cell wall
- 12h00-12h15 Abré de Beer and Melané Vivier
A small peptide from *Vitis vinifera*, shows antifungal activity towards the necrotrophic plant pathogen *Botrytis cinerea*
- 12h15-12h30 Bob Asselbergh, Soraya França, Katrien Curvers, Frank van Breusegem and Monica Höfte
Resistance to *Botrytis cinerea* in the abscisic acid-deficient *sitiens* tomato mutant is mediated by rapid and extensive hydrogen peroxide accumulation leading to cell wall fortification in the epidermis
- 12h30-12h45 Steve Van Sluyter, Jan van Kan, Filomena Pettolino, Antony Bacic and Elizabeth Waters
***Botrytis* protease interactions with grape berry proteins**
- 12h45-13h00 Maripaz Celorio-Mancera, L. Carl Greve, Caroline Roper, Cecilia Aguero, Abhaya Dandekar, Bruce Kirkpatrick, Ann L.T. Powell and John M. Labavitch
Plant inhibitors that are effective against polygalacturonases (PGs) produced by *Botrytis cinerea* inhibit PGs produced by bacteria and insects

13h00-14h00 LUNCH AND POSTER VIEWING

- 14h00-14h45 **Keynote + Chairperson:**
Paul Tudzynski
Host-pathogen interaction: pathogenicity determinants in *Botrytis cinerea*
- 14h45-15h00 Nora Temme and Paul Tudzynski
ROS signalling in *Botrytis cinerea*
- 15h00-15h15 Julia Schumacher and Bettina Tudzynski
The calcineurin-responsive zinc finger transcription factor CRZ1/CRaZy of *Botrytis cinerea* is required for growth, cell wall / membrane integrity, stress response, and full virulence on bean plants
- 15h15-15h30 Cristina Pinedo, Jean-Marc Pradier, Mathias Choquer, Muriel Viaud and Isidro G. Collado
Identification of the *Botrytis cinerea* sesquiterpene cyclase involved in botrydial production

15h30-16h15 COFFEE BREAK AND POSTER VIEWING

- 16h15-16h30 Leonie B. Kokkelink, Bettina Tudzynski and Paul Tudzynski
Small GTPases in *Botrytis cinerea* – unravelling their role in signalling networks and early steps of pathogenicity
- 16h30-16h45 Judith Noda, Nérida Brito, José J. Espino and Celedonio González
The *Botrytis cinerea* endo- β -1,4-xylanase Xyn11A displays necrotising activity which is independent of its enzymatic activity on xylan
- 16h45-17h00 Yaite Cuesta Arenas, Eric Kalkman, Alexander Schouten, Peter Vredenburg, Mirjam Dieho, Beatrice Uwumukiza and Jan van Kan
Functional analysis of *Botrytis cinerea* NEP-like proteins
- 17h00-18h00 **DISCUSSION: BOTRYTIS"-OMICS" + HOST-PATHOGEN INTERACTIONS**

Thursday, 25 October 2007

8. OPEN SESSION: *BOTRYTIS* MANAGEMENT, INDUSTRY AND THE FOOD CHAIN

8h30-9h00

Open Session Registration

9h00-9h30

Chairperson for Open Session: Paul Fourie

Keynote:

Stéphane La Guerche, Brunhilde Dauphin, Pierre Sauris, Dominique Blancard and Philippe Darriet

***Botrytis cinerea* and other bunch rot complexes : impact on musts and wines off-flavours**

9h30-9h45

Stéphane La Guerche, Laure de Senneville, Dominique Blancard and Philippe Darriet

Botrytis cinerea* strains and the level of (-) geosmin produced by *Penicillium expansum

9h45-10h00

Stella M. Zitter and Wayne F. Wilcox

Physical modes of action of fungicides used for control of *Botrytis* bunch rot of grapes

10h00-10h15

Anne-Sophie Walker, Sabine Fillinger, Danièle Debieu, Matthias Hahn and Pierre Leroux

Resistance of *Botrytis cinerea* to fungicides: still a problem in vineyards?!

10h15-10h30

Matthias Kretschmer, Anne-Sophie Walker, Michaela Leroch, Melanie Wiwiorra, Sabine Fillinger, Pierre Leroux, Henk-Jan Schoonbeek and Matthias Hahn

High frequency occurrence of multiple fungicide resistance in *B. cinerea* field strains from French and German vineyards

10h30-11h15

COFFEE BREAK AND POSTER VIEWING

11h15-11h30

Hélène Lachaise

Life cycle management of a botryticide

11h30-11h45

Jan-Cor Brink and Paul Fourie

Fungicide spray cover in grapevine canopies and control of *Botrytis cinerea*

11h45-12h00

Sybrand A. van Zyl, Jan-Cor Brink and Paul H. Fourie

The use of surfactants to improve control of *Botrytis cinerea* on grape leaves

12h00-12h15

Anne-Noëlle Petit, M.L. Panon, N. Vaillant-Gaveau, F. Mazeyrat-Gourbeyre, F. Baillieul, C. Clément and F. Fontaine

Treatment efficacy against grey mould of the grapevine and defence mechanisms activation

12h15-12h30

Kobus Hartman

***Botrytis* control: can it meet the latest demands of the producer, retailer, consumer and agrochemical supplier?**

12h30-12h45

Alfons Sagenmüller

Sharing success through Food Chain Partnership based on integrated control of *Botrytis*

12h45-13h00

DISCUSSION

13h00-14h00

LIGHT LUNCH AND POSTER VIEWING

14h30

TECHNICAL TOUR DEPARTS FOR STELLENBOSCH AND PAARL

Friday, 26 October 2007

9. DISEASE MANAGEMENT (2)

- 8h30-9h15 **Keynote + Chairperson:**
Philip Elmer, Tony Reglinski, Peter Wood, Kirstin Wurms, Frank Parry, Jonathan Saunders, Stephen Hoyte, Annette Ah Chee, Mike Spiers, Joseph Taylor, Ron Marsden, Tracy Taylor and Danyang Ying
Practical integration of biological control strategies for Botrytis bunch rot management in vineyards
- 9h15-9h30 Luciano V. Cota, Luiz A. Maffia and Eduardo S. G. Mizubuti
Clonostachys rosea in strawberry leaves: autoecology and antagonism to Botrytis cinerea
- 9h30-9h45 Ilaria Pertot, Kanak Bala, Denis Bassetti and Yigal Elad
Efficacy of medicinal plant extracts for the control of Botrytis cinerea
- 9h45-10h00 Richard Finkers, Adriaan W. van Heusden, Jan A.L. van Kan, Paul Maris and Pim Lindhout
Resistance to Botrytis cinerea in a population of Solanum habrochaites introgression lines
- 10h00-11h00 COFFEE BREAK AND POSTER VIEWING**
- 11h00-11h15 Rudi Aerts, Liesbeth Vogels, Sara Gielen, Bjorn Seels and Kathleen Heyens
Sustainable control of Botrytis by sanitation and cultural measures
- 11h15-11h30 Lena Shpialter, Yigal Elad, Dalia Rav David, Irit Dori, Liana Ganot, David Shmuel, Eli Matan and Yoel Messika
Cultural methods for grey mould (Botrytis cinerea) management in lisianthus
- 11h30-12h00 DISCUSSION: DISEASE MANAGEMENT**
- 12h00-13h00 SYMPOSIUM SUMMARY & CLOSURE
REMOVAL OF POSTERS**

POSTERS

BOTRYTIS IDENTIFICATION AND DETECTION

- Rudi Aerts, Bjorn Seels and Kathleen Heyens
Multi-purpose use of a selective *Botrytis cinerea* medium
- Soheila Mirzaei, Ebrahim Mohammadi Goltapeh, Masood Shams-bakhsh and Naser Safaie
Five unreported *Botrytis* species from Iran
- Soheila Mirzaei, Ebrahim Mohammadi Goltapeh, Massoud Shams-bakhsh and Naser Safaie
Host range of *Botrytis cinerea* in Iran
- Tim O'Neill, Kim Green, Kathryn Walsh and Neil Boonham
Quantification of latent *Botrytis cinerea* in cyclamen, gerbera and poinsettia

BIOLOGY AND GENETICS OF *BOTRYTIS*

- Michaela Leroch, Andreas Mosbach, Andreas Böhm and Matthias Hahn
Hydrophobic surface contact perception and the role of hydrophobins in *Botrytis cinerea*
- Christina Huesmann, Julia Schumacher, Leonie Kokkelink and Bettina Tudzynski
The cAMP-dependent signalling pathway and its role in spore germination, growth and virulence of *Botrytis cinerea*
- Anne-Sophie Walker, Johann Confais, Pierre Leroux, Laurence Bill, Véronique Decognet, Marc Fermaud, Alexandre Bout and Elisabeth Fournier
Resistance to fungicides and genetic diversity among *Botrytis cinerea* populations
- Marc Fermaud, Fabian Martinez, Anne-Sophie Walker, Elisabeth Fournier, Véronique Decognet, Alexandre Bout, Jean Roudet and François Delmotte
Genetic structure and diversity of *Botrytis cinerea* populations in French vineyards at regional and national scales
- Elisabeth Fournier, Johann Confais, Véronique Decognet, Marc Fermaud, Alexandre Bout and Anne-Sophie Walker
Effect of host plants on sympatric genetic differentiations in French populations of *Botrytis cinerea*
- Melody Potron, Anne-Sophie Walker, Elisabeth Fournier and Philippe Robin
POPULABOT[®]: an interactive database to manage *Botrytis* populations collections
- Véronique Decognet, Marc Bardin, Anne-Sophie Walker, Marc Fermaud and Philippe Nicot
Genetic structure of *Botrytis cinerea* populations from vegetable greenhouses in France
- Vivienne Gepp, Julia Rebellato, Elisa Silvera, Pablo Gonzalez, Silvana Vero and Yohana Ferreira
Preliminary results of morphological, genetic and fungicide resistance characterisation of *Botrytis cinerea* isolates in Uruguay
- Stefania Pollastro, Rita Milvia De Miccolis Angelini, Caterina Rotolo, Wassim Habib and Franco Faretra
Characterisation of *vacuina* and *transposa* biotypes of *Botryotinia fuckeliana*
- Ross E. Beever, Colleen Higgins, Matthew D. Templeton and Mark T. Anderson
Vegetative incompatibility in *Botryotinia fuckeliana* (*Botrytis cinerea*)
- Soheila Mirzaei, Ebrahim Mohammadi Goltapeh, Massoud Shams-bakhsh, Naser Safaie and Mehrdad Chaichi
Variation in pathogenicity and DNA polymorphism amongst Iranian *Botrytis cinerea* isolates
- Mingde Wu, Lei Zhang, Guoqing Li, Daohong Jiang, Mingsheng Hou and Hung-Chang Huang
Hypovirulence and double-stranded RNA in *Botrytis cinerea*
- Maria Antonietta De Guido, Angelantonio Minafra, Agostino Santomauro and Franco Faretra
Molecular characterisation of mycoviruses in *Botryotinia fuckeliana*

ECOLOGY AND EPIDEMIOLOGY

- A.P. Rajaguru, A.E.vandenBon and Michael W. Shaw
Population differentiation of *Botrytis cinerea* by host and locality
- A.E. Vanden Bon, E. Karapatzak, T.M. O'Neill, K. Walsh and Michael W. Shaw
Types of infection of ornamental hosts by *Botrytis cinerea*
- Aminath Shafiq and Michael W. Shaw
Behaviour of latent infection of *Botrytis cinerea* in lettuce (*Lactuca sativa*)
- Véronique Decognet, Marc Bardin, Yannick Trotin-Caudal and Philippe Nicot
Genetic analysis reveals a rapid evolution of population structures of *Botrytis cinerea* after the introduction of isolates in tomato glasshouses
- Vivienne Gepp, Julia Rebellato, Angelo Marveggio, Elisa Silvera, Elsa Perdomo, Oscar Bentancur, Luis Curbelo and Santiago Contarin
***Botrytis bunch rot* epidemiology in Tannat grapevines in southern Uruguay**
- Marc Fermaud, C. Deytieux, J. Roudet, V. Veyssièrre, B. Donèche and L. Geny
Assessment of ontogenic resistance to *Botrytis cinerea* in grape berries and effect of water availability

DISEASE MANAGEMENT

- Marcela Esterio, Héctor García, Jaime Auger and Cecilia Ramos
Analysis of the population composition of *Botrytis cinerea* in *Vitis vinifera* cv. Thompson Seedless, exposed to different fungicide programmes: *in vivo* study
- Marcela Esterio, Jaime Auger, Cecilia Ramos and Héctor García
Actual status of *Botrytis cinerea* sensitivity to fenhexamid in Chile
- B. Tanovic, E. Rekanovic, B. Todorovic, S. Milijasevic and I. Potocnik
Evaluation of fungicide resistance of *Botrytis cinerea* in raspberry fields in Serbia
- Marco Harms, Katja Erzgräber, Eva Alexander and Roland Ipach
Long lasting activity of different botryticides on grapes
- Tihomir Milicevic, Dario Ivic and Bogdan Cvjetkovic
Presence of resistant phenotypes to fungicides in populations of *Botrytis cinerea* on grapevine and strawberry in Croatia
- M. Berrios, R. Saini, R. Santamaría, V. Navia and Benjamin Valiente
Control of *Botrytis cinerea* and sour rot in export table grapes by the post-harvest electrostatic fungicide application system (*Typhoon*[®] Service) in Chile
- Sabine Fillinger, P. Leroux, J. Bach, C. Al Hajj, M. Gredt and D. Debieu
Fenhexamid: mode of action and resistance in the phytopathogenic fungus, *Botrytis cinerea*
- Karien Lubbe and G. van den Berg

Evaluation of selected fungicides for the control of *Botrytis cinerea* on *Leucospermum* flowers

- [Nadia Korolev](#), M. Mamiev, T. Zahavi and Y. Elad
Resistance to fungicides among *Botrytis cinerea* isolates from different plant hosts in Israel
- [Sakhr Ajouz](#), Marc Bardin and Philippe Nicot
Evolution of *Botrytis cinerea* to pyrrolnitrin, an antibiotic produced by biological control agents
- Saravanakumar Duraisamy, Sandro Frati, Davide Spadaro, Angelo Garibaldi and [Maria Lodovica Gullino](#)
***Metschnikowia pulcherrima* mediated iron depletion reduces *Botrytis cinerea* infection in apples**
- [Rudi Aerts](#), Alexandra Denayer, Bjorn Seels and Kathleen Heyens
Modelling infection of *Botrytis cinerea* in tomato as a tool for better control
- Marco A. Jacometti, Steve D. Wratten and [Monika Walter](#)
Managing *Botrytis cinerea* on grapes through the use of organic mulches
- [Arnaud Cousin](#), Vincent Jacus, Aude Toulouse and Pierre-Antoine Lardier
Pyrimethanil and boscalid used to fight the aromatic deviations in French wines due to the presence of geosmin, a volatile compound produced by *Penicillium expansum*
- [Rudi Aerts](#), Kathleen Heyens, Miguel F.C. De Bolle and Bruno P.A. Cammue
Bio-control of *Botrytis cinerea* in tomatoes
- [Béatrice Charnay](#) and Martine Cazin
Estimating the field *Botrytis* risk to minimise the disease
- [Kristy Morris](#), Andrew MacNish, Annemarie de Theije and Michael Reid
Strategies for control of post-harvest *Botrytis* infection in roses

***BOTRYTIS*”-OMICS”**

- [Philip Young](#), John Becker and Melané Vivier
The mevalonate- and terpenoid pathway is induced in response to *Botrytis cinerea* infection in both tobacco and grapevine
- [José J. Espino](#), Judith Noda, Nérida Brito and Celedonio González
Analysis of *Botrytis cinerea* secretome during first stages of infection
- [Evelyn Silva-Moreno](#), Carolina Aguayo and Pablo D.T. Valenzuela
Identification and expression analysis of adhesion and germination genes involved in the infection process of *Botrytis cinerea*
- Francisco Javier Fernández-Acero, María Carbú, Carlos Garrido, Inmaculada Vallejo and [Jesús Manuel Cantoral](#)
Dissecting the *Botrytis cinerea* proteome

HOST-PATHOGEN INTERACTIONS

- [Sandiswa Mbewana](#), Albert Joubert and Melané Vivier
Transgenic tobacco with altered lignin levels: analysis of possible fungal resistance phenotypes
- [Marthélize Tredoux](#), Abré de Beer, Lizel Mostert and Melané Vivier
The evaluation of the antifungal activity of a *Vitis vinifera* antifungal peptide
- [Alida Venter](#), Albert Joubert and Melané Vivier
The evaluation of a range of *Vitis* polygalacturonase-inhibiting proteins (PGIPs) for their antifungal activity against *Botrytis cinerea*
- [Punit Shah](#), Shreyal Patel, James Atwood III, Gerardo Gutierrez-Sanchez, Ron Orlando and Carl Bergmann
Mass spectrometric characterisation of the post translation modification of *Botrytis cinerea* endopolygalacturonase 3 (BcPG3)
- Jacinto Ramírez-Fernández, Cristina Pinedo, Rosario Hernández-Galán, Muriel Viaud and [Isidro G. Collado](#)
The versatile toxin production mechanism of *B. cinerea*: an overview and revision of polyhydroxylated metabolites
- A. Gioti, [Jean-Marc Pradier](#), E. Fournier, P. Le Pêcheur, C. Giraud, D. Debieu, J. Bach, P. Leroux and C. Levis
A *Botrytis cinerea* emopamil binding domain protein affecting virulence belongs to a eukaryotic superfamily which has expanded in euascomycetes

***BOTRYTIS*, INDUSTRY AND THE FOOD CHAIN**

- Elise Sarrazin, Takatoshi Tominaga, Denis Dubourdiou and [Philippe Darriet](#)
Influence of grape botrytisation in the formation of the typical aromas of Sauternes wines