

Where there are two or more authors listed, the corresponding author's name is underlined.

Pest and disease management

103. Climate change and its influence on scale insects and sooty mould occurrence

Dr Paul Cooper¹, Jennifer Venus²

¹The Australian National University, Canberra, Australia

²Brad Case Contracting, Langhorne Creek, SA

104. Molecular-based testing of fungicide resistance in grapevine pathogens

Steven Van Den Heuvel¹, Dr Suzanne McKay², Barbara Hall², Dr Anthony Borneman¹

¹The Australian Wine Research Institute, Urrbrae, SA

²South Australian Research and Development Institute, Urrbrae, SA

105. Comparison of quantification methods for *Botrytis cinerea* biomass in grape bunches

Dr Yu Qiu, Prof. Christopher Steel, Dr John Blackman, Dr Andrew Clark, Prof. Leigh Schmidke

National Wine and Grape Industry Centre, Wagga Wagga, NSW

106. Elimination of grapevine viruses *in vitro* using a combination of thermotherapy and chemotherapy

Qi Wu, Dr Amy Rinaldo, **Dr Nuredin Habili**

The Australian Wine Research Institute, Urrbrae, SA

107. Potential risks associated with top-working a desirable grapevine variety onto an unwanted non-symptomatic variety

Dr Nuredin Habili, Qi Wu, Dr Amy Rinaldo,

Dr Mardi Longbottom, Tony Hoare

The Australian Wine Research Institute, Urrbrae, SA

108. Analysing spray diaries to understand powdery mildew control in Australian viticulture

Marcel Essling¹, Assoc. Prof. Paul Petrie^{1,2,3,4}

¹The Australian Wine Research Institute, Urrbrae, SA

²South Australian Research and Development Institute, Urrbrae, SA

³The University of Adelaide, Urrbrae, SA

⁴UNSW, Sydney, NSW

109. Strengthening of plant material: strategy to improve the sanitary quality and longevity of vineyards by the use of molecular tools and beneficial microorganisms

Felipe Gainza-Cortés¹, Rosa Roa-Roco¹, Paulina Arraño¹, Pablo Rodriguez¹, Catarina Leal^{1,2}, Ivo Agnic¹, Daniela Torres¹, Carlos Valdivia¹, Mauricio Lolas³, Alvaro Gonzalez¹

¹Center for Research and Innovation, Penciahue, Chile

²Universidade de Lisboa, Lisboa, Portugal

³Universidad de Talca, Talca, Chile

110. Developing next generation grapevine rootstocks with long-term resistance to phylloxera and root knot nematode

Dr Harley Smith, Dr Jake Dunlevy, Norma Morales, Amy Smith, Peter Clingeffer

CSIRO Agriculture and Food, Urrbrae, SA

111. Molecular epidemiology and physiology of Shiraz disease in South Australia

Qi Wu^{1,2}, Dr Nuredin Habili², Dr Amy Rinaldo², Dr Fiona Constable³, Prof. Stephen Tyerman¹

¹The University of Adelaide, Urrbrae, SA

²The Australian Wine Research Institute, Urrbrae, SA

³Agriculture Victoria – DEDJTR, AgriBio, Bundoora, Vic.

112. Innovative UAV point cloud analysis program for grapevine trunk disease detection

Jingyun Ouyang¹, Assoc. Prof. Cassandra Collins¹, Dr Roberta De Bei¹, Dr Bertram Ostendorf²

¹The University of Adelaide, Urrbrae, SA

²The University of Adelaide, Adelaide, SA

113. The influence of rainfall on microbiota populations occurring in grapevine pruning wounds over time

Bruce Henderson¹, Dr Mark Sosnowski^{1,2},

Dr Michael McCarthy^{1,2}, Prof. Eileen Scott¹

¹The University of Adelaide, Urrbrae, SA

²South Australian Research and Development Institute, Urrbrae, SA