

CURRENT COLLABORATIVE PROJECTS (June 2010)

Project Title	WIC Partners	Leader	Research Grant Source	Project Funding (\$)	Start	Finish
Optimising irrigation for different cultivars	CSIRO SARDI	Brian Loveys CSIRO	GWRDC	1,115,700	July 2005	August 2010
Overcoming inefficient utilisation of fructose as a cause of problem fermentations	AWRI UA	Vladimir Jiranek University of Adelaide	GWRDC	275,000	July 2007	June 2010
Integrating the carbon and water economies of grapevine for optimal management in challenging environments	AWRI CSIRO SARDI UA	Steve Tyerman University of Adelaide	GWRDC	519,300	July 2008	June 2011
Phenolics management for optimised white wine quality outcomes	AWRI UA	Liz Waters AWRI	GWRDC	548,500	January 2007	December 2010
Development and application of novel analytical methods to the identification, formation and fate of important wine aroma compounds	AWRI UA	David Jeffery AWRI	GWRDC	105,000	September 2008	September 2011
Modelling evolution in yeast interspecific hybrids	AWRI UA	Paul Chambers AWRI	GWRDC	105,000	May 2008	May 2011

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Accumulation of smoke derived volatile compounds in grapes and wine	UA AWRI	Kerry Wilkinson University of Adelaide	GWRDC	100,000	January 2008	December 2010
The impact of vineyard exposure to smoke on vine physiology and the composition of grapes and wine.	UA SARDI	Kerry Wilkinson University of Adelaide	ARC	337,600	March 2009	March 2012
The role of yeast and other microorganisms in the generation of important aroma compounds in wine.	UA AWRI	Dennis Taylor University of Adelaide	GWRDC	105,000	May 2007	May 2010
Shiraz: A comprehensive chemical study on one of the world's great wines	UA AWRI	Dennis Taylor University of Adelaide	UA/GWRDC	90,000	March 2009	March 2012
The role of Brettanomyces yeast in the generation of certain compounds during fermentation	UA AWRI	Dennis Taylor University of Adelaide	UA/GWRDC	90,000	March 2009	March 2012
The role of carotenoids in the control of ripening and berry flavour development in wine grapes	UA CSIRO	Dennis Taylor University of Adelaide	UA/GWRDC	90,000	July 2009	July 2012
Metabolite glucosylation during grape berry development	UA CSIRO	Chris Ford University of Adelaide	ARC	100,000	February 2009	February 2010
Control of foliar diseases in horticulture using milk: widening applicability through understanding mechanisms	UA AWRI	Eileen Scott University of Adelaide	ARC	320,000	January 2009	January 2012
Cell death in Shiraz berries: consequences for grape composition, quality and harvest timing in warm regions	UA	Sue Bastian University of Adelaide	GWRDC	120,000	July 2009	June 2010

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A window into hotter and drier futures-phenological shifts and adaptive practices	SARDI CSIRO UA	Victor Sadras SARDI	GWRDC	982,630	July 2009	June 2012
Winery Refrigeration Improvements	AWRI	Karl Forsyth AWRI	GWRDC	289,000	July 2009	June 2012
Organic acid metabolism and the control of grape berry acidity in a warming climate	UA AWRI CSIRO SARDI FU	Chris Ford (UA);	GWRDC	644,289	July 2010	June 2013
Towards chloride and sodium excluding rootstocks for quality wine production.	CSIRO UA AWRI	Rob Walker CSIRO	GWRDC	812,353	July 2010	June 2014
Manipulating tannin composition of grapes	CSIRO AWRI	Mandy Walker CSIRO	GWRDC	592,930	July 2010	June 2014

LWA - Land and Water Australia
 CNRM - Centre for Natural Resource Management
 GWRDC – Grape and Wine Research and Development Corporation
 ARC – Australian Research Council

