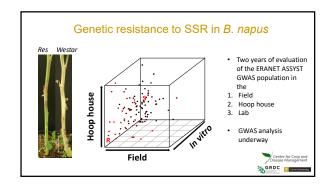
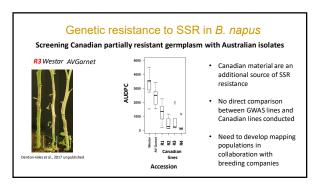


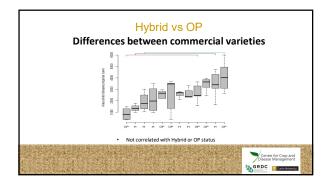
## **ERANET ASSYST population**

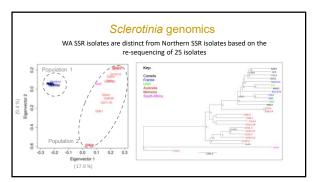
- A genetically diverse set of ~350 winter and spring Brassica napus varieties
- 60K single nucleotide polymorphism (SNP) array
- 100 spring varieties phenotyped at the CCDM for differences in response to SSR

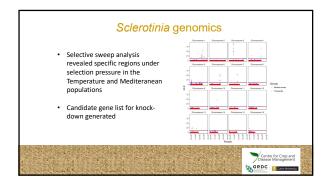
Centre for Corp and Desease Management

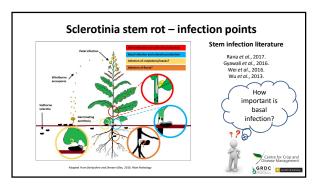












## Assay to screen for basal infection David Lane – Honours student • Established which factors influence myceliogenic germination • Developed a protocol to promote myceliogenic germination of sclerotia • Developing assays to determine how basal infection occurs Lane et al 2018 In preparation

## Summary

- Partial resistance to SSR identified in *B. napus* germplasm
- Assay to screen for basal infection developed
- WA SSR isolates are distinct from Northern hemisphere SSR isolates based on the re-sequencing of 25 global isolates





