# Sclerotinia stem rot of canola and pulses



# **Project description**

The disease Sclerotinia stem rot (SSR) significantly threatens the profitability of Australian canola and pulses.

Building on their discovery of partial SSR resistance in 2019, our canola and pulse researchers are partnering with Australian breeders to develop the tools and techniques required to incorporate it into commercial canola varieties. In addition, efforts are now being made to identify lupin varieties with SSR resistance, which could be used to breed SSR resistance into lupin.

This collaborative effort between CCDM researchers and breeders aims to provide growers with improved canola and pulse varieties, helping them to increase their profitability.





### Our team

#### **Project Lead:**

Mark Derbyshire

mark.derbyshire@curtin.edu.au @Dr M Derbyshire

#### **Researchers:**

**Toby Newman** Pippa Michael Ashmita Limachhane Yuphin Khentry Sarita Bennett Lars Kamphuis



## Students: Carolyn Graham-Taylor Naomi White

# **Key achievements**

lines with good levels of SSR resistance. These will be shared with breeders through

We have shown potential for predicting SSR accurate predictions in breeding programs.











