

School of Science Research Seminar

Friday 11th December 2020, 10:00

Zoom Link: <https://uws.zoom.us/j/4841637742?pwd=cXVpNTQ3QXlXVGErUkxaSGMwYWJlZz09>
(see below for full zoom invite)

Priti Krishna

Professor & foundation chair of sustainable agriculture
School of Science, Western Sydney University, Australia

BRASSINOSTEROID: A UNIQUE TARGET FOR CROP IMPROVEMENT



To increase food production and achieve sustainable agriculture, crop varieties that can effectively face the unexpected cascades of multiple stresses during their lifecycles must be developed. Brassinosteroids (BRs) are a class of plant steroidal hormones that provide a unique opportunity to simultaneously enhance plant yield and stress tolerance. BRs control plant architecture, growth rate, grain filling, and both biotic and abiotic stress responses. Recent advances in our knowledge, through genomic and genetic analyses, have identified BR-responsive genes that confer multiple beneficial effects on plants, including seed yield increase, root system architectural changes and broad-range stress tolerance. These novel and key regulators of both growth and stress tolerance are excellent candidates for crop improvement.

For details about SoSC seminars, please contact Dr Patrice Castignolles,
(p.castignolles@westernsydney.edu.au).

Patrice Castignolles is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

<https://uws.zoom.us/j/4841637742?pwd=cXVpNTQ3QXlXVGhlcUkxakpSMWYwYjZzOj09>

Meeting ID: 484 163 7742

Password: #WSUSoSC

One tap mobile

+61861193900,,4841637742#,,1#,01056064# Australia

+61871501149,,4841637742#,,1#,01056064# Australia

Dial by your location

+61 8 6119 3900 Australia

+61 8 7150 1149 Australia

+61 2 8015 6011 Australia

+61 3 7018 2005 Australia

+61 7 3185 3730 Australia

Meeting ID: 484 163 7742

Password: 01056064

Find your local number: <https://uws.zoom.us/u/kbAtPwGqL>

Join by SIP/H.323:

4841637742@zoom.aarnet.edu.au

or 4841637742@zmau.us

or 103.122.166.55 (Australia)

Meeting ID: 484 163 7742

Password: 01056064

Join by Skype for Business

<https://uws.zoom.us/skype/4841637742>