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## **Herbicide Resistance in Plants**

Guest Editor:

### Prof. Dr. Hugh J. Beckie

Australian Herbicide Resistance Initiative (AHRI), School of Agriculture and Environment, University of Western Australia, Crawley, WA 6009, Australia

Deadline for manuscript submissions:

closed (31 December 2019)

## Message from the Guest Editor

Dear Colleagues,

Relentless evolution of herbicide-resistant (HR) weeds is an important global issue, with implications for food security economic. agronomic, and environmental sustainability. Today, the alarming occurrence of multiple resistance in weed populations concomitant with the paucity of herbicides over the past 30 years with a major new mode of action has led to increasing reliance on combined—or stacked—trait HR crops to manage these populations. This Special Issue of Plants will highlight global trends in the occurrence of HR weeds; recent developments in resistance mechanisms; population genetics of HR weeds; potential implications of genome editing for weed management; fitness of HR weeds and implications for management; recent developments in HR management including socio-economic considerations for enhancing grower adoption; current status and future outlook for HR traits in cereal, oilseed, and annual/perennial legume crops.

Prof. Hugh J. Beckie Guest Editor













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## **Editor-in-Chief**

# **Prof. Dr. Dilantha Fernando**Department of Plant Science, University of Manitoba, Winnipeg, MB R3T 2N2. Canada

# **Message from the Editor-in-Chief**

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