

## RESUME

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<b>Qualification</b>	Ph.D. (Plant Physiology)
<b>Area of Interest/Specialization</b>	Abiotic stress biology of plants; Signalling; Small RNA Biology; Phenomics
<b>Experience</b>	Research: 23 years Teaching: 18 years
<b>International Collaboration/ Consultancy</b>	Partner in ICAR, New Delhi-IRRI, Philippines work plan 2017-2022
<b>Best Peer Reviewed Publications (up to 5)</b>	<ol style="list-style-type: none"> <li>1. Fujii H<sup>†</sup>, <b>Chinnusamy V<sup>†</sup></b>, Rodrigues A, Rubio S, Antoni R, Park SY, Cutler SR, Sheen J, Rodriguez PL, Zhu JK. (2009). <i>In vitro</i> reconstitution of an abscisic acid signalling pathway. <i>Nature</i> 462: 660–664 (<sup>†</sup><u>Joint First Authors</u>)</li> <li>2. Melcher K, Ng LM, Zhou XE, Soon FF, Xu Y, Suino-Powell KM, Park SY, Weiner JJ, Fujii H, <b>Chinnusamy V</b>, Kovach A, Li J, Wang Y, Li J, Peterson FC, Jensen DR, Yong EL, Volkman BF, Cutler SR, Zhu JK, Xu HE. (2009). A gate-latch-lock mechanism for hormone signalling by abscisic acid receptors. <i>Nature</i> 462: 602–608</li> <li>3. Zhao Y, Chan Z, Xing L, Liu X, Hou YJ, <b>Chinnusamy V</b>, Wang P, Duan C, Zhu JK (2013). The unique mode of action of a divergent member of the ABA-receptor protein family in ABA and stress signalling. <i>Cell Research</i> 23: 1380-95.</li> <li>4. Zhan X, Wang B, Li H, Liu R, Kalia RK, Zhu JK, <b>Chinnusamy V</b>. (2012). Arabidopsis proline-rich protein important for development and abiotic stress tolerance is involved in microRNA biogenesis. <i>Proceedings of National Academy of Sciences USA</i> 109: 18198-18203.</li> <li>5. <b>Chinnusamy V</b>, Ohta M, Kanrar S, Lee B.-h, Hong X, Agarwal M, Zhu JK. (2003). ICE1, a regulator of cold induced transcriptome and freezing tolerance in <i>Arabidopsis</i>. <i>Genes and Development</i> 17: 1043–1054.</li> </ol>
<b>Best Peer Reviewed Journals/Books (up to 3)</b>	-
<b>Patent (if any)</b>	-