

BRIEF BIO-DATA

	Name	Dr. SIDDANNA SAVADI
	Date of Birth	31-07-1983
	Qualification	Ph.D. (Biotechnology)
	Address:	<p>ICAR-Directorate of Cashew Research, Puttur – 574 202, D.K. Karnataka Phone: 08251-231530, Fax: 08251-234350 E-Mail: siddannasavadi@gmail.com</p>
Brief work experience	<ul style="list-style-type: none"> • Development of molecular markers, genetic mapping, genetic diversity and population genetics in cotton, groundnut, and wheat and barley rust pathogens • Expression profiling of PR-, SAR- and sugar- mediated defense pathway genes during wheat and rust pathogens interactions • Expression profiling of genes governing seed oil and seed size in Indian mustard • Comparative proteomics for salt tolerance in rice • Gene cloning and construction of gene cassettes for plant transformation • Development and characterization of Indian mustard transgenics for enhanced seed oil and size 	
Current area of interest	<ul style="list-style-type: none"> • Development of genomic sequence resources, molecular markers, genetic maps, genetic diversity and population genetics in Cashew • Identification and characterization of genes controlling yield and biotic and abiotic stress tolerance in cashew • Development of <i>in vitro</i> regeneration protocol for genetic transformation of cashew 	
PUBLICATIONS		
Research papers	<ul style="list-style-type: none"> • Savadi S, Lambani N, Kashyap PL, Bisht DS (2016) Genetic engineering approaches to enhance oil content in oilseed crops. Plant Growth Regul. doi:10.1007/s10725-016-0236-1 • Savadi S, Naresh V, Kumar V, Bhat SR (2016) Seed-specific overexpression of Arabidopsis DGAT1 in Indian mustard (<i>Brassica juncea</i>) increases seed oil content and seed weight. Botany 94:177–184 • Savadi S, Naresh V, Kumar V, Bhat SR (2015) Effect of overexpression of <i>Arabidopsis thaliana SHB1</i> and <i>KLUH</i> genes on seed weight and yield contributing traits in Indian mustard (<i>Brassica juncea</i> L. (Czern.). Indian J Genet 75:349–356 • Savadi S, Fakrudin B, Nadaf H, Gowda M (2012) Transferability of sorghum genic microsatellite markers to peanut. Am J Plant Sci 3: 1169–80 	
Book chapters	<ul style="list-style-type: none"> • Savadi S, Prasad P, Bhardwaj SC, Gangwar OP, Khan H and Kumar S (2017) Management of rust diseases in wheat and barley: Next generation tools. Management of wheat and barley diseases. Editor: 	

	<p>DP Singh, Apple Academic Press, USA</p> <ul style="list-style-type: none"> Kumar S Bhardwaj SC, Gangwar OP, Prasad P, Khan H and Savadi S (2017) Molecular Markers for Wheat Improvement: Tool for Precision Rust Resistance Breeding. Editor: DP Singh, Apple Academic Press, USA
Technical bulletins	Nil
Technical papers	Nil
Books	Nil
Popular articles	<p>Savadi S, Nemappa L, Vinodkumar (2015) Herbicide tolerant crops for effective weed control in agriculture. Readers shelf 11 (12): 7-8</p> <p>Savadi S, Nemappa L, Vinodkumar (2015) Genomic selection: A new paradigm in plant breeding. Readers shelf 11 (12):45-46</p>
Abstracts	2
Extension folders	Nil
Representative research papers	
Any other relevant information	
Trainings	<ul style="list-style-type: none"> Undergone 10 days “Training/Workshop Programme with hands-on training in the Genome analysis, Protein Folding, Drug Design and High performance computing in Bioinformatics modules.”, from 26th September to 6th Oct 2016, at SCFBIO, IIT Delhi Undergone 3 months professional attachment training on “Comparative proteome analysis for salt tolerance in rice”. From 11th April to 11th August 2015, at ICAR-NRCPB, New Delhi Undergone 3 months Foundation Course for ARS Scientists. From 1st Jan to 31th March 2015 at NAARM, Hyderabad