

CURRICULUM VITAE

Kawar Prashant Govindrao

Scientist (PMB)

Molecular Biology & Genetic Engineering Lab.,

Vasantdada Sugar Institute

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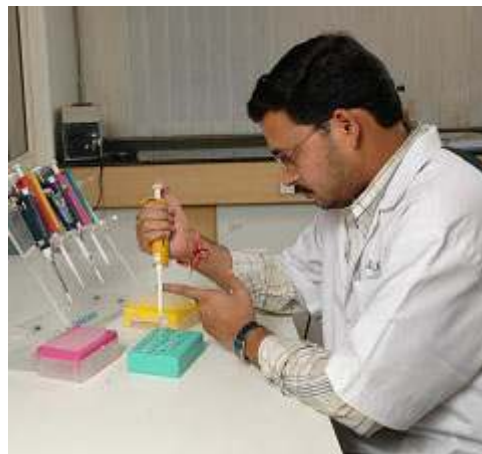
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Date of Birth: 25th January 1977

Nationality: Indian

Martial Status: Single

Education qualifications:

M.Sc. April 2001 Biotechnology Indira Gandhi Agricultural University
(IGAU), Raipur, Chhattishgarh, India

B.Sc. April 1999 Agriculture Marathwada Agricultural University
(MAU), Parbhani, Maharashtra, India

Awards:

Awarded **ARS-NET (National Eligibility Test-2005)** eligibility for lectureship in Agricultural Universities by ASRB-ICAR (Agricultural Research Service Board- Indian Council of Agricultural Research, India).

Awarded **National Merit Scholarship** for my B.Sc. (Agri.) studies by Higher Secondary Board, Aurangabad, India from 1994-1999.

Awarded **National Merit Scholarship** for my higher secondary school studies by Secondary School Board, Aurangabad, India from 1992-1994

Area of Interest:

Abiotic Stress and Phytoplasma Genomics.

Research Experiences:

From Jan. 2005 – till date. Working as a **Scientist (PMB)** in Vasantdada Sugar Institute, Manjari (Bk.), Pune, India.

From Apr. 2004 – Dec. 2004. Worked as a **Senior Research Fellow** in the project entitled “**Isolation of plant genes and promoter for developing transgenics against insect resistance**” in National Research Centre on Plant Biotechnology, Indian Agricultural Research Institute, New Delhi, India.

From Apr. 2002 – Mar. 2004. Worked as a **Senior Research Fellow** in the project entitled “**Development of transgenic Check pea for biotic and abiotic stress tolerance**” in National Research Centre on Plant Biotechnology, Indian Agricultural Research Institute, New Delhi, India.

Teaching Experience:

Assistant Professor (Adhoc). (From Sep. 2001 – Mar. 2002). Danteshwari College of Horticulture, Raipur, India.

Training/Seminars/Symposium Attended:

Participated training program on “**DNA marker technology**” held at IGAU, Raipur, India.

Attended National seminar on “**Intellectual Property Rights**” sponsored by Ministry of HRD, Govt. of India, conducted by Tilak Maharashtra Vidyapeeth, Pune.

Attended and participated in Deliberations of three-day global summit on knowledge **Millennium-III: The Business of Biotechnology of ASSOCHAM**, New Delhi.

Attended the International Conference on “**Plant Genomics and Biotechnology: Challenges & Opportunities**” organized by Indira Gandhi Agricultural University, Raipur India.

Research Publications:

Mohan Harikrishnan, Gajjeraman Prabu, **Prashant Govindrao Kawar** and Doddananjappa Theertha Prasad. Ap-PCR Technique For Identification Of Salt Inducible Genes From Germinating Seedlings Of Sugarcane, *Saccharum officinarum* L. Plant & Animal Genomes XVI Conference, January 12-16, 2008, San Diego, USA. P13

Gajjeraman Prabu, **Prashant Govindrao Kawar**, Mohan Harikrishnan, Ghanshyam B. Dixit and Doddananjappa Theertha Prasad. Identification Of Water - Deficit Stress Induced Genes At Tillering Stage Using ESTs From Sugarcane Subtractive cDNA Library. Plant & Animal Genomes XVI Conference, January 12-16, 2008, San Diego, USA, P12.

Prashant Govindrao Kawar, Gajjeraman Prabu, Mohan Harikrishnan, Ghanshyam B. Dixit and Doddananjappa Theertha Prasad. Isolation Of Expressed DNA Fragments From The Uncultured Sugarcane Grassy Shoot Phytoplasma Associated With Sugarcane Grassy Shoot (SCGS) Disease By Arbitrarily Primed Polymerase Chain Reaction (AP-PCR). Plant & Animal Genomes XVI Conference, January 12-16, 2008, San Diego, USA. P14

Devarumath, R.M., Doule, R.B., **Kawar, P.G.**, S. B. Naikebawane and Nerkar, Y.S. Field performance and RAPD analysis to evaluate genetic fidelity of tissue culture raised plants vis-a-vis conventional sets derived plants of sugarcane. **Sugar Tech**, 9(1): 17–22, 2007

Krishnamurthi, M., Shanmugha Sundaram, K., Shini Sekar, Rajeswari, S. and **Kawar, P.G.** Introgression of *Erianthus* for the development of commercial sugarcane cultivars. **Proceedings of the International Society of Sugar Cane Technologists**, (26): 142, 2007.

Prabu, G.R., **Kawar, P.G.***, Harikrishnan, M. and Theertha Prasad, D. First report of Phytoplasma association with virus in Sugarcane grassy shoot (SCGS) disease. **Sugar Cane International** (Accepted for publication), 2008

Prabu, G.R., **Kawar, P.G.*** and Theertha Prasad, D. Differential filtration approach for isolation and enrichment of Sugarcane Grassy Shoot (SCGS) phytoplasma. **J.Appl. Micro.** (In Review). 2008

Kawar, P.G., Devarumath, R.M. and Nerkar, Y.S. Use of RAPD markers for assessment of genetic diversity in sugarcane cultivars. Accepted in **Ind. J. Biotechnol**, 2008.

Tawar PN, Sawant RA, Dalvi SG, Nikam AA, **Kawar P.G.** and Devarumath RM. An assessment of somaclonal variation in micropropagated plants of sugarcane by RAPD markers. (Communicated to Sugar Tech.), 2008.

Kawar, P.G., Srivastava, D. and Anand Kumar, P. Insecticidal efficacy of transgenic tobacco expressing Presented at **Third Pulse Network Meeting, Bose Institute, Kolkata, India.**

Verulkar, S.B., Khillare, A., **Kawar, P.G.**, Dudhare, M.S., Srivastava, M.N. and Katiyar, S.K. Identification of stable QTLs for yield and other related traits under water stress environment. In **Eighth National Rice Biotechnology Network, Aurangabad, India.**

Neeraj Kumar, Kumar, P.A., **Kawar, P.G.**, Mohan, J. Agrobacterium mediated genetic transformation of pigeonpea (*Cajanus cajan* L. mill sp.) using cotyledonary node and apical shoot explants. Presented at **Biotech'2004, Indian Biotechnological Society of India, Institute of Genomics & Integrated Biology, New Delhi, India.**

Sequences Submitted to Genbank Database:

Prabu, G.R., **Kawar, P.G.** and Theertha Prasad, D. Isolation and analysis of Salinity stress induced genes in sugarcane by AP-PCR technique. **Submitted 63 ESTs**, 2008

Prabu, G.R., **Kawar, P.G.** and Theertha Prasad, D. Isolation and analysis of water stress induced genes in sugarcane by Suppression Subtractive Hybridization. **Submitted- 33 ESTs**, 2008

Prabu, G.R., **Kawar, P.G.**, Harikrishnan, M. and Theertha Prasad, D. Isolation and analysis of water stress induced genes in sugarcane by Suppression. **FE840458 to FE840583- 126 ESTs**, 2008

Prabu, G.R., **Kawar, P.G.**, Harikrishnan, M. and Theertha Prasad, D. Isolation and analysis of water stress induced genes in sugarcane by Suppression Subtractive Hybridization. **ES697502 to ES697552 - 51 ESTs**, 2007

Kawar, P.G., Prabu, G.R. and Theertha Prasad, D. *Saccharum officinarum* sucrose synthase (sus2) gene, partial sequence **AM592524**, 2007

Kawar, P.G., Prabu, G.R. and Theertha Prasad, D. *Saccharum officinarum* transposons-*hopsotch* like, partial sequence **AM592516, AM592517 and AM592518**, 2007

Kawar, P.G., Prabu, G.R. and Theertha Prasad, D. *Saccharum officinarum* transposons-*opie* like, partial sequence. **AM592519 and AM592520**, 2007

Kawar, P.G., Prabu, G.R. and Theertha Prasad, D. *Saccharum officinarum* transposons-*tekay* like, partial sequence. **AM592521 and AM592522**, 2007.

Prabu, G.R., **Kawar, P.G.** and Nerkar, Y.S. Sugarcane grassy shoot phytoplasma partial 16S rRNA gene. (Accession numbers: [AM403156](#) and [AM403157](#)).

Mukesh, M., Koundal, K.R., Kansal, R., Dash, P.K., **Kawar, P.G.**, Singh, A.K. and Qureshi, I.A. Cajanus cajan clone pPUMU2 seed-specific promoter-like sequence. (Accession number: [AY771784](#)).

Mukesh, M., Koundal, K.R., Kansal, R., Dash, P.K., **Kawar, P.G.**, Singh, A.K. and Qureshi, I.A. Cajanus cajan clone pMMB2 protease inhibitor gene, complete cds. (Accession number: [AY771782](#)).

Kawar, P.G., K. R. Koundal, R. Kansal, P. K. Das, D. Vyas, S. Anandhan. Phaseolus vulgaris partial lecl gene for lectin precursor (Accession number: [AJ920065](#)).