

Curriculum Vitae



Dr. A.Venkateswar Rao

VENKATESWAR RAO ALLINI, Ph.D.
Assistant Professor & Head

PERSONAL RECORD

Name : Venkateswar Rao Allini
Father's Name : Narayan Rao
Date of Birth : 14th August 1964
Social status : OC

ADDRESS

Office: Department of Biotechnology, Kakatiya University, Warangal, A.P., 506009, INDIA. Mobile: +9246894577, Email: vrao_allini@yahoo.com.

Home: H.No. : 2-5-360, Flat No 301, Satam Sivam Enclave, Nakkalagutta, Hanamkonda, Warangal, 506 001.TG

ACADEMIC

1983-1987 B.Sc. with Botany, Zoology, Chemistry, Silver Jubilee College (AP Residential College), Kurnool, A.P., India.
1988- 1990 M.Sc. in Botany with Plant Tissue Cultur, Kakatiya University, Warangal, A.P.
1991-1997 Ph.D. in Botany-Induction and selection cytoplasmic markers in members of *Solanaceae*, Kakatiya University, Warangal, A.P.

AREA OF SPECIALIZATION: PLANT BIOTECHNOLOGY

No of articles published in International Research Journals: 11

No of articles published in National Research Journals: 08

No of National seminars /Conferences attended: 18

No of International Conferences attended: 04

- **Actively Participated in organizing National Conference on Frontiers in Bioinformatics and Biotechnology. 2008 January. 3rd to 4th.**
- **Actively Participated in organizing International Conference on Plant Biotechnology and Molecular Biology. 2008 Aug. 15th to 17th.**
- **Actively Participated in organizing International Conference on Biotechnology: A Global Scenario. 2010 Nov. 2nd to 4th.**
- **Actively Participated in organizing International Conference on Biotechnology Human Welfare. 2013 Feb. 7th to 9th.**
- **Actively Participated in organizing International Conference on Emerging Biotechnologies. 2016 Jan. 28th to 30th.**

AREAS OF RESEARCH:

- **Genetic engineering**
- **Plant tissue culture**
- **Animal Cell culture**
- **Protoplast studies**

PROFESSIONAL HISTORY

- **Faculty to teach Under Graduate (B.Sc.) students of University Arts & Science College, Kakatiya University, Warangal for 04 years.**
- **Faculty to teach Post Graduate (M.Sc. Biotechnology) students of University College, Kakatiya University, Warangal for 16 years.**
- **Faculty to teach M.Phil.(Biotechnology) Students of University College, Kakatiya University, Warangal for 01 years.**

ACADEMIC FELLOWSHIPS AWARDED:

- University Research fellowship URF, Kakatiya University (1991-1994)
- Senior Research Fellowship, CSIR, New Delhi (1994-1997)
- Research Associateship, CSIR, New Delhi (1998-2001)

MEMBERSHIP WITH PROFESSIONAL AND SCIENTIFIC BODIES:

- Member, The Society for In Vitro Biology-Plant
- Fellow, International Association of Plant Tissue Culture
- Fellow of Bangladesh association of Plant Tissue Culture

ACADEMIC & ADMINISTRATIVE POSITIONS HELD

- Joint Director, University Hostels, KU (2010-2013)
- Head, Department of Biotechnology, KU (2013-2015).
- Chairperson, Board of Studies, Biotechnology, nominated by Academic Council, Kakatiya University, Warangal (2015- Todate).
- Head, Department of Biotechnology, KU (2016-Todate).
- External Member, Board of Studies, Biotechnology, nominated by Academic Council, Osmania University, Hyderabad (2015-2017).
- External Member, Board of Studies, Biotechnology, nominated by Academic Council, Telangana University, Nizamabad (2015-2017).

MAJOR RESEARCH PROJECTS

- 2010-2013 Principle Investigator:** Genetic Engineering for Anthracnose disease resistance in Chilli Pepper using defensin gene (TvD1), UGC, New Delhi
- 2010-2013 Co Investigator:** Developing plastid transformation system for expression of defensin gene in *Capsicum annuum*, DST, New Delhi
- 2014-2017 Co Investigator:** Genetic engineering for male sterility by the expression of CysteineProtease (CP) gene in Chilli Pepper (*Capsicum annuum* L.), DBT, New Delhi

SIGNATURE

LIST OF PUBLICATIONS

Published research work in most prestigious International Journal of plant sciences (*Theoretical Applied Genetics* with high Impact factor 3.137) and other journals like *Plant Cell Reports* (1.974) *Journal of Plant Physiology* (2.239) *Plant Cell Tissue & Organ Culture* (1.068). *SERICOLOGIA* (FRANCE): *IJEB* (INDIA) *J. Herbs, Spices & Medicinal Plants* (USA).

FOREIGN JOURNALS:

1. A.V. Rao, M.A. Farooqui, T. JayaSree, R.V. Ramana and A. Sadanandam (1993). EMS-induced streptomycin resistance in *Solanum melongena*. *Theor. Appl. Genet.* **87**: 527-530. Impact Factor: 3.137
2. A.V. Rao, M.A. Farooqui and A. Sadanandam (1997). Induction of linomycine and streptomycin resistance by nitrosomethylurea and ethyl methanesulphonate in *Capsicum annum* L. *Plant Cell Rep.* **16**: 865-868. Impact Factor: 1.974
3. M. A. Farooqui, A. V. Rao, T. JayaSree and A. Sadanandam (1997). Induction of atrazine resistance and somatic embryogenesis in *Solanum melongena*. *Theor. Appl. Genet.*, **95**: 702-705. Impact Factor: 3.137
4. U. Pavan, A.V. Rao, V. Yashodhara, N. Rama Swamy and A. Sadanandam (2000). Evaluation of specific parameters in the isolation of protoplasts from mesophyll cells of three mulberry cultivars. *Sericologia*, **40(3)**: 469-474.
5. U. Pavan, A.V. Rao, V. Yashodhara, N. Rama Swamy and A. Sadanandam (2000). A Simple protocol for rapid and efficient isolation of protoplast from callus cultures of mulberry (*Morus indica* L.) cv S₁₃. *Sericologia*, **40(4)**: 647-651.
6. T. JayaSree, U. Pavan, M. Ramesh, A.V. Rao, K. Jagan Mohan Reddy and A. Sadanandam (2001). Somatic embryogenesis from leaf cultures of potato (*Solanum tuberosum* L.) *Plant Cell Tissue & Organ Culture*, **64(1)**: 13-17. Impact Factor: 1.068

7. U. Pavan, K. Srinivas Reddy, M. Ramesh, **A.V. Rao** and A. Sadanandam (2001). Direct somatic embryogenesis in *Morus indica* L cv. S₁₃: improved embryoid induction and further evidence. *Sericologia*, **41(4)**: 593-599.
8. M. Ramesh, U. Pavan, S. Shyam Prasad, **A.V. Rao** and A. Sadanandam (2002). *In vitro* regeneration of plants from mature nodal segments of *Terminalia arjuna* Bedd. *Sericologia*, **42(1)**: 75-80.
9. K. Venugopal Rao, K. Kiranmayee, U. Pavan, T. JayaSree, **A.V.Rao** and A. Sadanandam (2005). Induction of multiple shoots from leaf segments, *in vitro*-flowering and fruiting of a dwarf tomato (*Lycopersicon esculentum*) *J. Plant Physiol*, **162**:959-962. **Impact factor 2.437**
10. P. Mahendar, V. Uday, T. Radhika, **A.V.Rao** T. Christopher, D. Rama Krishna and A. Sadanandam (2008) Plant and Human Telomeres and Telomerases : An over veiew. *Int. J Pharmacol. and Biol. Sci.* **2(3)**:1-16.
11. P. Mahendar, A. Mahender, K. Venugopal Rao, G. Kranthi, U. Pavan, **A.V.Rao**, D. Rama Krishna and A. Sadanandam (2009) *In vitro* HIV type-1 reverse transcriptase inhibitory activity from leaf extracts of *Scoparia dulcis* L. *Journal of Herbs, Spices & Medicinal Plants*. **15:241-247**
12. E.Raghu, N.Murali Krishna,S.Pandarath, K.Srinivas, V.Yashidhara, K.Bharath and **A.V.Rao** (2016). An efficient and high frequency regeneration protocol in two cultivars of *Capsicum annum*.L CVs G3 and G4; *Int. Journal of Current Biotechnology*,**4(3)**,1-8.

INDIAN JOURNALS:

1. **A.V. Rao**, Ch. Venu and A. Sadanandam (1997). Selection of streptomycin and kanamycin resistance using nitrosomethylurea and *Agrobacterium* in *Solanum sisymbriifolium*. *Ind. J. Expt. Biol.* **35**: 188-192. **Impact Factor: 0.551**

2. **A.V. Rao**, T. JayaSree, M. Ramesh, U. Pavan and A. Sadanandam (2000). Nitrosomethylurea induced streptomycin resistance in *Lycopersicon esculentum* Mill. *Ind. J. Expt. Biol.* **38**: 617-620. **Impact Factor: 0.551**
3. M. Ramesh, U. Pavan, S. Shyam Prasad, **A.V. Rao** and A. Sadanandam (2001). *Terminalia arjuna* : A breakthrough in micropropagation. *Indian Silk*. Aug., p.17.
4. T.Jaya Sree, K.Venugopal Rao, K.Kiranmayee, U.Pavan **A.V.Rao** and A.Sadanandam (2005) Antibiotic Resistant Mutants of *Solaneceous* species: Proc.Natl.Sminar on Biotechnology in environmental Protection and Monitoring. Pp 31-46.
5. K. Venu Gopal Rao, P. Venkataiah, **A. Venkateswar Rao**, T.Christopher and A. Sadanandam (2010) Plastid transformation in higher plants(Book Chapter). In: **Plant Tissue Culture Totipotency to Transgenics**. Edited by HP Sharma, Narosa Publishers, New Delhi
6. **A.Venkateswar Rao**, T.Christopher and A.Sadanandam (2010) Genetic transformation of plants (Book Chapter). In: **Plant Tissue Culture Totipotency to Transgenics**. Edited by HP Sharma, Narosa Publishers, New Delhi

=====00000000000000=====