

LIST OF PUBLICATIONS

A. Selected Research Publications

1. **Siddharth Tiwari** and Rakesh Tuli (2011) Optimization of factors for efficient recovery of transgenic peanut (*Arachis hypogaea* L.) **Plant Cell Tissue and Organ Culture, (In press). (I.F. 1.24)**
2. **Siddharth Tiwari**, Devesh K. Mishra, Krishnappa Chandrasekhar, Pradhyumna K. Singh and Rakesh Tuli (2011) Expression of δ -endotoxin Cry1EC from an inducible promoter confers insect protection in peanut (*Arachis hypogaea* L.) plants. **Pest Management Science, 67:137-145. (I.F. 2.313)**
3. Sribash Roy, Antariksh Tyagi, **Siddharth Tiwari**, Ankit Singh, Samir V. Sawant, Pradhyumna K. Singh and Rakesh Tuli (2010) Rabies glycoprotein fused with B subunit of cholera toxin expressed in tobacco plants folds into biologically active pentameric protein. **Protein Expression and Purification, 70:184-190. (I.F. 1.64)**
4. **Siddharth Tiwari**, Devesh K. Mishra, Sribash Roy, Ankit Singh, P.K. Singh and Rakesh Tuli (2009a) High level expression of a functionally active cholera toxin B: rabies glycoprotein fusion protein in tobacco seeds. **Plant Cell Reports, 28:1827-1836. (I.F. 2.27)**
5. **Siddharth Tiwari**, Praveen C Verma, Pradhyumna K. Singh and Rakesh Tuli (2009b) Plants as bioreactors for the production of vaccine antigens. **Biotechnology Advances, 27:449-467. (I.F. 7.6)**
6. **Siddharth Tiwari** and Rakesh Tuli (2009) Multiple shoot regeneration in seed-derived immature leaflets explants of peanut (*Arachis hypogaea* L.). **Scientia Horticulturae, 121:223-227. (I.F. 1.045)**
7. **Siddharth Tiwari**, Devesh K. Mishra, Ankit Singh, P.K. Singh and Rakesh Tuli (2008) Expression of a synthetic *cry1EC* gene for resistance against *Spodoptera litura* in transgenic peanut (*Arachis hypogaea* L.). **Plant Cell Reports, 27:1017-1025. (I.F. 2.27)**
8. **Siddharth Tiwari** and Rakesh Tuli (2008) Factors promoting efficient *in vitro* regeneration from de-embryonated cotyledon explants of *Arachis hypogaea* L. **Plant Cell Tissue and Organ Culture, 92:15-24. (I.F. 1.24)**
9. Chandra P. Chaturvedi, Niraj Lodhi, Suraiya A. Ansari, **Siddharth Tiwari**, Rakesh Srivastava, Samir V. Sawant, and Rakesh Tuli (2007) Mutated TATA-box/TATA binding protein complementation system for regulated transgene expression in tobacco. **The Plant Journal, 50:917-925. (I.F. 6.948)**

B. Awards and Professional Recognition

1. Dr. YSR BioAsia Innovation Award - 2010 for Young Scientist (Hyderabad, India)
2. Indian Science Congress Association (ISCA) Young Scientist Award - 2010 in the section of Plant Sciences (Kerala University, Thrivananthapuram, India)
3. Project presentation for India Innovation Initiative (i3) National Fair for Final Selection, organized by Confederation of Indian Industry (CII), Department of Science & Technology-Government of India & Agilen Technologies - October 2009 (New Delhi, India)

4. "Development of *Spodoptera litura* resistant transgenic peanut (*Arachis hypogaea* L.) and expression of constitutive and wound inducible promoters". Oral presentation in Third International Conference of the Peanut Research Community on Advances in *Arachis* through Genomics and Biotechnology (AAGB-2008) - (ICRISAT, Hyderabad, India)
5. Post Graduate Research Fellowship, awarded by Department of Higher Education, Government of Madhya Pradesh, INDIA for the Session 1999-2001.