**Publications - Call I**

**Project Title:** Transcriptional level of developmentally important genes in buffalo pre-implantation embryos

**Project Code:** 1003

**PI Name:** Dr. G. Taru Sharma

**Lead Centre:** IVRI, Izatnagar

**Publications:**

- Rajhans, Rajib, Sai, G. Kumar, Dubey, Pawan K. and Sharma, G. Taru (2010). Effect of timing of development on total cell number and expression profile of HSP 70.1 and GLUT1 in buffalo (Bubalus bubalis) pre-implantation embryo produced in vitro. *Cell Biology International* 34: 463-468


**Project Title:** Application of reverse genetics: A novel approach for studying the molecular basis of Immune response in Indian cattle breed

**Project Code:** 1004

**PI Name:** Dr. V. V. S. Suryanarayana

**Lead Centre:** IVRI, Bangalore

**Publications:**


**Project Title:** Gene-based genetic maps and molecular markers for biotic and abiotic stress tolerance in groundnut

**Project Code:** 1005

**PI Name:** Dr. Rajeev K. Varshney

**Lead Centre:** ICRISAT, Hyderabad
Publications:


Project Title: Endocrine Profiles and Characterization of Candidate Genes Influencing Prolificacy in Black Bengal Goat

Project Code: 1006

PI Name: Dr. Avijit Haldar

Lead Centre: ICAR Res. Com. NEH, Tripura

Publications:

Project Title: Antiluteolytic strategies-a novel approach to enhance fertility in buffalo

Project Code: 1007

PI Name: Dr. S. K. Agrawal

Lead Centre: IVRI, Izatnagar

Publications:

Project Title: Development of molecular probes for diagnosis of different virulent and anastomosis groups of *Rhizoctonia solani* infecting leguminous crops

Project Code: 1008

PI Name: Dr. S. C. Dubey

Lead Centre: IARI, New Delhi

Publications:


Project Title: Electro-Magnetic Energies for Bio-stimulation and Post - Harvest Conservation of Seeds and Agri-products

Project Code: 1009

PI Name: Dr. Anjali Anand

Lead Centre: IARI, New Delhi

Publications:


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**Project Title:** Rumen microbial manipulations for mitigation of methane emission and productivity enhancement in dairy animals

**Project Code:** 1010

**PI Name:** Dr. S. K. Sirohi

**Lead Centre:** NDRI, Karnal

**Publications:**


**Project Title:** Role of small signal peptides in systemic defense response of Indian mustard (*Brassica juncea*) to aphids (*Lipaphiserysimi*)

**Project Code:** 1013

**PI Name:** Dr. R. C. Bhattacharya

**Lead Centre:** NRCPB, New Delhi
Publications:


Project Title: Evaluating candidate genes towards enhancement of drought tolerance in Chickpea

Project Code: 1014

PI Name: Dr. R. Srinivasan

Lead Centre: NRCPB, New Delhi

Publications:

**Project Title:** Increasing nutrient availability from roughage based rations through enhancing rumen efficiency or reducing enteric methane production by use of secondary plant metabolites

**Project Code:** 1015

**PI Name:** Dr. Ramesh C. Jakhmola

**Lead Centre:** CSWRI, Bikaner

**Publications:**


**Project Title:** Molecular Diagnosis of Fungal diseases of Cassava, Taro, Amorphophallus and Yam

**Project Code:** 1016

**PI Name:** Dr. M. L. Jeeva

**Lead Centre:** CTCRI, Thiruvananthapuram

**Publications:**


**Project Title:** Molecular analysis of agrocin producing Agrobacterium radiobacter for biological control of crown gall in stone fruits

**Project Code:** 1018

**PI Name:** Dr. A. K. Gupta

**Lead Centre:** YSPUH&F, Nauni, Solan

**Publications:**

**Project Title:** A comprehensive study on Argulosis: Host-parasite interaction with respect to modulation of innate and specific immune responses, and development of preventive or control measures

**Project Code:** 1020

**PI Name:** Dr. P. K. Sahoo

**Lead Centre:** CIFA, Bhubaneswar

**Publications:**


Project Title: Sustainable Biomass Alternatives to Fossil-Fuel based Urea-Generation of Hydrogen Feedstock from Agro Residue and Biomass

Project Code: 1021

PI Name: Dr. M. S. Hegde

Lead Centre: IISc, Bangalore

Publications:

- Singh, Preetam and Hegde, M. S. (2010). Sonochemical synthesis of Ce1-xFexO2-δ (0≤x≤0.45) and Ce0.65Fe0.33Pd0.02O2- nanocrystallites: OSC and WGS study. Dalton Trans. 44: 10768-10780