12 PUBLICATIONS

12.1 Publications 2005 (Peer Reviewed Journals)


   **Front Biosci** 10: 2118-2130, 2005. (IF: 3.226)


   **J Fam Welfare** 51:2, 34-45 2005. (IF: NA)


   **Intl J Fertil Women's Med** 50:140-143, 2005. (IF: 0.831)


15. Kene PS, Dighe RR and Mahale SD. Delineation of regions in the extracellular domain of follicle-stimulating hormone receptor involved in hormone binding and signal transduction.


   **Dev Biol** 289: 4656, 2005. (IF: 5.432)
18. Kumar M, Prashar V, Mahale SD and Hosur MV. Observation of a tetrahedral reaction intermediate in the HIV-1 protease substrate complex. 
Biochem J 389: 365371, 2005 (IF: 4.278)
19. Mali BN, Meherji PK and Hazari KT. Trichomoniasis with multiple flagella a rare case finding: Light microscopic observations. 
Diag Cytopathol 38: 134-135, 2005. (IF: 0.962)
AIDS 19: 2157-2163, 2005. (IF: 5.893)
Ind J Med Res Suppl: 162-163, 2005. (IF: 0.60)
Reproduction 130: 603-613, 2005. (IF: 2.181)
Drug Metab Dispos 33: 1446-1452, 2005. (IF: 4.015)
In J Pediat 72: 489-491, 2005. (IF: NA)
27. Ravindran SM, Patel ZM, Khatkhatay MI, Dandekar SP. Thalassemia screening by ELISA HbA2. 


38. Wakle M, Joshi S and Khole V. Monoclonal antibody from vasectomized mouse identifies a conserved testis specific antigen TSA 70. 


(IF :2.394)

*NA - Not Available*

### 12.2 Publications (In Books)


### 12.3 Papers in Proceedings of Conferences


12.4 Papers Presented at Conferences and Symposia

International

1. 38th Annual Meeting of the Society for Study in Reproduction, Quebec, Canada, July 24-27, 2005.

   Sachdeva G, Rosario G, D'Souza S, Modi DN, Manjramkar DD, Hinduja I, Katkam RR and Puri CP: Structural and molecular alterations induced in the endometrium prior to embryo invasion in bonnet monkeys

   Wakle M and Khole VV: TSA70 a sperm specific conserved autoantigen belongs to Odf2/ cenexin family.

2. The 6th Royan International Research Award, Royan Institute, Tehran - Iran, September 7-9, 2005.

   Khole V, Joshi S, Ranpura S, Khan S and Singh S: Identification and
characterization of proteins preferentially expressed in the epididymis.

**Balasinor N**: Effect of paternal tamoxifen on the expression of insulin-like growth factor-2 (IGF-2) and insulin like growth factor type 1 receptor in the post-implantation rat embryos.


**Chauhan S** and **Joshi B**: Evidence based development of reproductive tract infections service guidelines.

**Joshi B**, Chauhan, Bhadoria V, Tryambake, Gaikwad N: Gender and socioeconomic differentials of adolescent health.


**National**

1. **National Consultations on RCH II Adolescent Reproductive and Sexual Health: Development of Standards and Operational Guidelines, Ministry of Health and Family Welfare, Government of India. New Delhi, September 25, 2005.**


2. **International Conference on Male Reproduction and Infertility, Indian Institute of Sciences, Bangalore, September 16-18, 2005**


3. **International Symposium on Stem Cells: Premises & Promises for Research and Therapeutics, Mumbai, September 18-21, 2005.**

**David A**, Unni S, Modi D, Mhatre P and Bhartiya D: Ovarian tissue cryobanking: A breakthrough for fertility conservation.

**Kumar N**, Sanghavi D, Modi D and Bhartiya D: Identification of factor(s) secreted by Mouse Embryonic Fibroblast feeders that facilitate undifferentiated proliferation of human embryonic stem cells in vitro.

**Reddy KVR**: Design of Germ Cell Specific c-kit Construct and Development of Transgenic Male Infertile Mice.
Sikarwar AP and Reddy KVR: Role of c-kit in mice spermatogenesis: identification of spermatogonia as a specific site of c-kit expression and function.


4. 74th Annual Meeting of the Society of Biological Chemists (India), Central Drug Research Institute, Lucknow, November 7-10, 2005

Mahale SD: Molecular, Cellular and Structural Biology of Follicle Stimulating Hormone Receptor.

5. 1st National Conference of Indian Society for Bone and Mineral Research (ISBMR) in partnership with International Osteoporosis Foundation, All India Institute of Medical Sciences, New Delhi, November 10, 2005.

Desai M, Khatkhatay MI, Savardekar LS, Shah RS and Puri CP: Bone turnover markers, bone density and hormonal profiles across the menopausal transition.

6. 35th Annual Conference of Endocrine Society of India, India Habitat Center, New Delhi, November 10-13, 2005.

Desai M, Khatkhatay MI, Savardekar L, Shah RS and Puri CP: Bone turnover markers, bone density and hormonal profiles across the menopausal transition.


Naik DD and Balaiah D: Facing ethical concerns in operational research.


Modi DN, Godbole GB, Puri CP: Beyond morphogenesis: Role of HOXA10 in primate endometrium.
9. **Biotech 2005, 3rd National Conference of Biotechnology Society of India, Concept to Commercialization, Centre for Biotechnology, Jawaharlal Nehru University, New Delhi, December 22-24, 2005.**


   Mahale SD: Molecular Basis of Gonadotropin Receptor interaction: Applications in development of gonadotrophin modulators


   Parte P and David K: Inhibition of 5 reductase by steroidal estrogens and by estrogenic xenobiotic methoxychlor.

10. **IX Annual Conference of Society of Animal Physiology of India and National Symposium on Newer Concepts in Endocrine Regulation for Optimization of Production in Buffaloes, Bombay Veterinary College, Mumbai, January 5-7, 2006.**

   Bandivdekar AH, Vernekar VJ, Khobarekar BG and Raghavan VP: Immunological approaches of fertility regulation: 80kDa human sperm antigen (80kDa HAS) and its synthetic peptides.

   Raghavan VP: Human seminal plasma inhibin and its characteristics.

   Maitra A and Shirwalkar H: Hormone mediated induction of ovarian acyclicity: A paradigm for investigating infertility at molecular level.

11. **XXIII Annual Conference of Indian Society for Medical Statistics on Biostatistics in Medicine: Challenges and Opportunities, Belgaum, January 20-22, 2006.**

   Naik DD, Balaiah D, Ghule MD and Iddya U: Fertility attitudes and family planning practices among married men in an urban community of Mumbai,

   Iddya U, Savardekar LS, Baji S, Shah RS, Walvekar V and Balaiah D: Factors associated with repeated abortions: A hospital based study in Mumbai


   Bandivdekar AH: Identification and characterization of CD4 independent HIV receptors on spermatozoa.

   Dharma SJ, Modi DN and Nandedkar TD: Differential expression of genes
during primordial follicle transition by cDNA array.


Jagtap DD, Dighe VD, Meshram MN and Mahale SD: Structural importance of PSP-94 relevant for its function.


Nandedkar TD, Dharma S, Modi DN and D’Souza: Differential gene expression in transition of primordial to preantral follicles in mouse ovary.

Padwal V, Meherji PK, Gokral JS and Vanage GR: Sperm chromatin packaging: can unexplained infertility be explained?


Prabagaran E, Bandivdekar AH and Raghavan VP: Hoxbess an epididymis specific sperm protein with homeobox identity.

Khan S, Suryawanshi AR and Khole VV: Delineation of domain specific proteins acquired by spermatozoa during epididymal transit.

Khole V and Wakle MS: A testis specific auto-antigen TSA70 belongs to ODF2/ Cenexin family.

Khobrekar BG, Verneckar VJ, Raghavan VP and Bandivdekar AH: Characterization of 80 kDa human sperm antigen (80 kDa HSA) and its synthetic peptides for immunocontraception. (Best Poster Award)

Kulkarni SP, Navlakhe RM, Barve SJ and Nandedkar TD: Mechanism of action of follicle stimulating hormone binding inhibitor (FSHBI) and its synthetic analogue octapeptide (OP).

Saxena DK and Gerton GL: Role of sperm acrosomal molecule SP56 in fertilization.


Wakle MS and Khole VV: TSA 70 is a conserved sperm cytoskeletal protein.


Desai M, Ansari Z, Bhanuprakash KV and Khatkhatay MI: Cytokine and estrogen in postmenopausal bone loss.


Mahale SD: Structural and functional characterization of -microseminoprotein


Mania- Pramanik J, Kerkar S, Sonawane S, Salvi V: Is Bacterial Vaginosis a predictor of reproductive complications?


Narkar MY, Sachdeva G, Parulekar SV, Kansaria J, Chitlange S and Nandedkar TD: Global mRNA expression studies on apoptosis related genes by cDNA array in human endometrium during menstrual cycle. (Young Scientist Award)


Khatkhatay MI, Mitra S and Desai M: Polymorphism in Estrogen receptor gene is associated with low bone mass in Indian women

Ravindran MS, Patel ZM, Adhia R, D'souza A, Babu S: Validity of analysis of FMRP expression in blood smears as a screening test for Fragile X Syndrome in Indian Population.


Ghule MD, Balaih D, Joshi B: Attitude towards sexuality among rural college youth in Maharashtra.