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Specialization in Genetics & Molecular Biology

PUBLICATIONS (Herpetological field)

- 1.** Pratihar,S.Kundu,J. 2009. **Increased serum magnesium and calcium and their regulation during hibernation in common Indian toad, *Duttaphrynus melanostictus* (schneider,1799).** South American Journal of Herpetology. 4(1):51-54.
- 2.** Pratihar,S.Kundu,J. 2009. **Seasonal variation of serum cholesterol and thyroid hormone levels associated with hibernation in Indian common toad, *Duttaphrynus melanostictus* (schneider, 1799)** Russian Journal of Herpetology. 16(4):253-255.
- 3.** Pratihar,S.Kundu,J. 2010. **Hematological and immunological mechanisms of adaptation to hibernation in common Indian toad *Duttaphrynus melanostictus*.** Russian Journal of Herpetology. 17(2): 97-100
- 4.** Sen, S. Pratihar, S. and Bhattacharya,T. 2008 **Metabolic shifting and hematological study during hibernation in common Indian toad-*Duttaphrynus melanostictus* (schneider,1799).** Science and Culture.75 (7-8):289-290.

5. Pratihari, S. Kundu, J. 2009. **Metabolic changes during hibernating period in Indian common toad, *Duttaphrynus melanostictus* (schneider, 1799)** Journal of Applied and Natural Science. 1(1):44-46.
6. Pratihari, S. Sen, S. and Bhattacharya, T. 2010. **Antioxidant activity and lipid peroxidation status during the period of hibernation in Indian pond frog, *Euphytes hexadactyla*.** Russian Journal of herpetology. 17(2):101-104
7. Pratihari, S. Kundu, J. 2010. **Seasonal variations of lipoprotein metabolism in hibernating Indian common toad *Duttaphrynus melanostictus* (schneider, 1799).** World Journal of Zoology. 5(2):133-136
8. Pratihari, S. Kundu, J. 2010. **Augmentation of intracellular antioxidant enzyme activities during hibernation in the Indian common toad, *Duttaphrynus melanostictus* (Schneider, 1799).** Hamadryad. 35(1): 96-100.
9. Pratihari, S. Kundu, J. 2010. **Differential expression of G₆PD in haemoglobin and RBC during hibernation in anuran, *Duttaphrynus melanostictus*.** International Journal of Science and Nature. 1(1):1-3.

Other publication (Reviews and other fields in Biology)

1. Kundu, J. Pratihari, S. Nath, R. 2009. **The enigma of speech and language acquisition in human - a genetic approach.** Journal of applied and natural science. 1 (2):258-263.
2. Pratihari, S. Nag. and Kundu, J. 2010. **A review on treatment of Alzheimer's disease.** Journal of Applied and Natural Science. 2(1):159-164.
3. Pratihari, S. Nath, R. Kundu, J. 2010. **The genetical aspect of Human brain evolution.** Journal of Bioscience. University of Peshwar. 3(1): 17-22
4. Pratihari, S. Kundu, J. 2010. **Regulation and Biological Significance of Paternal Imprinting.** Science and Culture. 76 (5-6): 176-179.
5. Nath, R. Pratihari, S. Kundu, J. 2010. **Face Blindness-Prosopagnosia.** Journal of advance laboratory research in biology. 1 (1): 20 -22.

6. Pratihari, S. Nath, R. Kundu, J. 2010. **Hox genes and its role in animal development.** International Journal of Science and Nature.1(2):101-103
7. Pratihari, S. Nath, R. Kundu, J. 2011. **Medical Gold Rush - in deep sea.** International Journal of Science and Nature. 2(1):150-152.
8. Pratihari, S. 2011. **Study of a rapidly progressive metastatic lung adenocarcinoma through Positron emission tomography.** International Journal of current research. 3(5):105-106.