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Publications

Spectrophotometric determination of serum nitrite and nitrate by copper-cadmium alloy (2002) **KVH Sastry**, RP Moudgal, J Mohan, JS Tyagi, *GS Rao Analytical Biochemistry* 306, 79-82

Cytokines in reproductive remodeling of molting White Leghorn hens (2007) NR Sundaresan, D Anish, **KVH Sastry**, VK Saxena, J Mohan, KA Ahmed. *Journal of Reproductive Immunology* 73, 39-50

Characterization of lactate dehydrogenase enzyme in seminal plasma of Japanese quail (*Coturnix coturnix japonica*) RP Singh, **KVH Sastry**, NK Pandey, N Shit, R Agrawal, KB Singh, J Mohan (2011) *Theriogenology* 75, 555-562

High doses of dietary zinc induce cytokines, chemokines, and apoptosis in reproductive tissues during regression NR Sundaresan, D Anish, **KVH Sastry**, VK Saxena, K Nagarajan (2008) *Cell and tissue research* 332, 543-55

Reproductive tissue regression: Involvement of caspases, inducible nitric oxide synthase and nitric oxide during moulting in White Leghorn hens D Anish, **KVH Sastry**, NR Sundaresan, VK Saxena, R Singh, J Mohan (2008). *Animal Reproduction Science* 104, 329-343

Cloacal gland foam enhances motility and disaggregation of spermatozoa in Japanese quail (*Coturnix japonica*) RP Singh, **KVH Sastry**, N Shit, NK Pandey, KB Singh, J Mohan(2011) **Theriogenology** 75 (3), 563-569

Norfloxacin drug induces reproductive toxicity and alters androgen receptor gene expression in testes and cloacal gland of male Japanese quail (*Coturnix Japonica*) RP Singh, **KVH Sastry**, PK Dubey, R Agrawal, R Singh, NK Pandey (2013) *Environmental toxicology and chemistry* 32, 2134-2138

The role of the male cloacal gland in reproductive success in Japanese quail (*Coturnix japonica*) RP Singh, **KVH Sastry**, NK Pandey, KB Singh, IA Malecki, U Farooq (2012) *Reproduction, Fertility and Development* 24, 405-409

Residues of fluoroquinolone drugs in the cloacal gland and other tissues of Japanese quail. J Mohan, **KVH Sastry**, JS Tyagi, GS Rao, RV Singh (2006). *British poultry science* 47, 83-87

Sexual maturation, serum steroid concentrations, and mRNA expression of IGF-1, luteinizing and progesterone hormone receptors and survivin gene in Japanese quail hens N Shit, **KVH Sastry**, RP Singh, NK Pandey, J Mohan (2014) *Theriogenology* 81, 662-668

Molecular and biochemical events in sperm storage tubules of oviduct in birds. GS Khillare, **KVH Sastry**, R Agrawal, A Prakash, J Mohan, RP Singh (2018) *World's Poultry Science Journal* 74, 35-44

Expression of gonadotropin and sex steroid hormone receptor mRNA in the utero-vaginal junction containing sperm storage tubules of oviduct during sexual maturation in Japanese (2018) GS Khillare, **KVH Sastry**, R Agrawal, R Saxena, J Mohan, RP Singh (2018) *General and comparative endocrinology* 259, 141-146