

## BIO DATA

### A. Personal Profile

Name : DR. YOGESH KUMAR SONI  
Designation : SCIENTIST  
Discipline : ANIMAL REPRODUCTION & GYNAECOLOGY



Institute Affiliation : ICAR – CENTRAL INSTITUTE FOR RESEARCH ON GOATS, MAKHDOOM, P.O. FARAH, MATHURA (UTTAR PRADESH) – 281122

Date of joining the ARS : JANUARY 01, 2014

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### B. Educational Qualifications

| S. No. | Degree   | Institute  | Year |
|--------|--|--|------|
| 1.     | B. V. Sc. & A.H.                                 | College of Veterinary Science and Animal husbandry, MHOW (M.P.), India         | 2010 |
| 2.     | M. V. Sc.(Veterinary Gynaecology and Obstetrics) | ICAR – Indian Veterinary Research Institute, Izatnagar, Bareilly (U.P.), India | 2012 |
| 3.     | Ph. D. (Veterinary Gynaecology and Obstetrics)   | ICAR – Indian Veterinary Research Institute, Izatnagar Bareilly (U.P.), India  | 2018 |

### C. Publications

#### RESEARCH PAPERS

1. **Soni, Y. K.**, Kumar, S., Saha, S., Pande, M., Prasad, R., Singh, J. K., Verma, S. K. and Bansal, V. K. 2018. Oestrus Induction and Fertility Response in Anoestrus Frieswal Heifers Subjected to Various Treatments. *International Journal of Livestock Research*. **8** (2): 146-152.
2. **Soni, Y. K.**, Mehrotra, S., Kumar, S., Srivastava, N., Tyagi, S., Ghosh, S. K., Prasad, J. K., Saha, S. and Pande, M. 2017. Seasonal changes in oxidative status in Frieswal crossbred bulls. *Ruminant Science*. 6 (2): 273-274
3. Kumar A, Mehrotra S, Singh G, Narayanan K, Das G K, **Soni Y K**, Singh M, Mahla A S, Srivastava N and Verma M R. 2015. Sustained delivery of exogenous melatonin

- influences biomarkers of oxidative stress and total antioxidant capacity in summer-stressed anestrus water buffalo (*Bubalus bubalis*). *Theriogenology* **83**: 1402-1407.
4. Kumar A, Mehrotra S, Singh G, Maurya VP, Narayanan K, Mahla AS, Chaudhari R K, Singh M, **Soni Y K**, Kumawat BL, Dabas SK and Srivastava N. 2016. Supplementation of Slow-Release Melatonin Improves Recovery of Ovarian Cyclicity and Conception in Summer Anestrus Buffaloes (*Bubalus bubalis*). *Reproduction in Domestic Animals***51**, 10-17.
  5. Kumar V. Prasanna, Sharma G Chethan, B Krishnappa, H B Rakesh and **Soni, Y. K.** 2014. A rare case of *Campylorhacchiscontorta* in a buffalo: a case report. *Buffalo Bulletin*, 33(4): 355-57.
  6. Kumar, S., Pande, M., Sirohi, A. S., **Soni, Y. K.**, Tyagi, S., Kumar, M. and Arya, S. 2018. Supplementation of Butylated Hydroxytoluene (BHT) Reduces Oxidative Stress and Improves Quality of Frozen–Thawed Frieswal Bull Spermatozoa. *International Journal of Livestock Research*. **8 (11)**, 315-320. doi: 10.5455/ijlr.20180317045331.
  7. Prasad, N., Kumar, S., Pande, M., **Soni, Y. K.**, Saha, S., Chand, N. and Arya, S. 2019. Socio-Economic Status and Problems Faced by Dairy Farmers of Sardhana Block of Meerut District. *International Journal of Livestock Research*.
  8. A.K. Patil, V.B. Chaturvedi, M. Awase, Shrikant B. Khatole and **Y.K. Soni** (2013). Influence of mahua seed cake on serum profile in crossbred calves. *Livestock Research International*. 1 (1): 29-33.
  9. **Soni Y K**, Mehrotra S, Singh G, Das G K, Kumar Ashok, Awase Maya and GahlotMukesh. 2014. Oxidative stress and progesterone profile in repeat breeding cows. *Veterinary Practitioner*. 15(2): 213-14.
  10. **Soni Y K**, Mathur A K, Pande M, Saha S and Verma S K. 2016. Estrus synchronization in crossbred heifers maintained at gaushala under group feeding & management practices. *The Blue Cross Book*. **34**: 53-55.
  11. **Soni, Y.K.**, S. Mehrotra, S.K. Singh and S.K. Ghosh (2013). Effect of Liquid Versus Frozen Semen on Conception Rate in Repeat Breeding Cattle . *Indian Veterinary journal*, 90(9): 70-72.
  12. **Soni, Y.K.**, S. Mehrotra, S.K. Singh, Ashok Kumar, A.K. Pandey and L.P. Singh (2012). Study of Correlation Between Acid and Alkaline Phosphatase Enzymes in Estrual Cervical Mucus with Repeat Breeder Vrindavani Cows. *Royal veterinary journal of India*. **8 (1)**: 34-37.
  13. Ashok Kumar, S. Mehrotra, S.S. Dangi, G. Singh, M.C. Pathak, Arvind Sharma, K. Nehra, **Y.K. Soni** and L.P. Singh. (2012). Reproductive hormone profiles in Postpartum anoestrus and Cyclic Buffalo. *Veterinary Practitioner*. 13 (2): 270-272.
  14. J. K. Prasad., G. K. Das., B. Krishnappa., Brijesh Kumar., SnehalRamteke., H.B. Rakesh., M. Singh., G.C. Sharma and **Yogesh Soni**. Monocephalic TetrabrachisTetrapus monster in a Murrah Buffalo. (2012). *Indian Journal of Animal Reproduction*, 33(1): 96-97.
  15. Singh Mahak, BarikNirmal Chandra, Ghosh S K, Prasad J K, Rajoria J S, **Soni Y. K.**, Kumar Ashok, Chaudhary J K and Srivastava N. 2015. Egg yolk powder an alternative to fresh-

- egg yolk for buffalo semen cryopreservation. *Indian Journal of Animal Sciences*. 85 (1): 40-42.
16. Pande, M., Srivastava, N., **Soni, Y. K.**, Omerdin, Kumar, M., Tyagi, S., Sharma, A. and Kumar, S. 2018. Presence of Fertility-associated antigen on sperm membrane corresponds to greater freezability potential of Frieswal bull semen. *Indian Journal of Animal Sciences*. **88** (1): 39-45.
  17. Pande, M., Srivastava N., Kumar, S., **Soni, Y.K.**, Kumar, M., Tyagi, S., Sirohi, A.S., Chand, N., Omerdin and Arya, S. 2018. Greater potentiality of sperm membrane bound fertility associated antigen to withstand oxidative stress ensuing improved sperm function of cryopreserved bull spermatozoa. *Indian Journal of Animal Research*. DOI: 10.18805/ijar.B-3565
  18. Pande, M., Srivastava, N., **Soni, Y. K.**, Kumar, S., Singh, J. K., Chand, N., Saha, S. and Mathur, A. K. 2017. Comparative Efficacy of the Therapeutics of Recurrent Genital Prolapse in Indigenous Cows. *Theriogenology Insight*. **7** (1): 1- 4.
  19. Sharma Chethan G, Singh Mahak, **Soni Y K**, Jan M H, Kumar P R and Kumar Harendra. 2014. Dystocia due to pre-cervical uterine torsion in buffalo. *Indian Veterinary Journal*. 91(04): 85-86.

#### Training manuals:

1. Tyagi, S., Mahesh Kumar, D.K. Mandal, A.S. Sirohi, N. Srivastava, Naimi Chand, C.P. Singh, Saroj Rai, MeghaPande and **Soni Y. K.** 2014. Training manual on *Production, Processing and certification of Quality Bovine Semen, 18-25 November*. ICAR- Central Institute for Research on Cattle, Meerut. P. 1-210.
2. सुरेश कुमार, महेश कुमार, एस. साहा, नेमी चंद, नरेश प्रसाद, मेघा पांडे, **वाई.के.सोनी**, जे पी एस डबास, एम के सिंह, जे के सिंह, नीरज श्रीवास्तव, ए एस सिरोही व शुभम आर्य (2017) *वैज्ञानिक तकनीकों द्वारा डेरी पशुओं का प्रबंधन पर प्रशिक्षण मैन्युअल* भारतीय कृषि अनुसंधान परिषद के फार्मर फर्स्ट प्रोग्राम , "टिकाऊ डेरी एवं कृषि व्यवसाय हेतु उपयुक्त तकनीकों के प्रयोग द्वारा कृषक आजीविका में सुधार" द्वारा प्रायोजित, कुल पृष्ठ १-११७.
3. Tyagi S, Pande Megha, Kumar Suresh, Sirohi, A S, Chand Naimi, Verma S K, Raja T V, Kumar Mahesh, **Soni Y K**, Saha S, Singh J K and Sharma Ankur. 2018. Training manual of MANAGE sponsored Certified Livestock Advisor Programme on *Scientific cattle management for profitable and sustainable dairying venture* held at ICAR- CIRC, Meerut Feb. 14-28, p. 1-276.

#### Lectures in Training Programmes

1. **Soni Y K**, Mathur A K, PandeMegha and Srivastava N. 2014. Standard operating procedures for heat detection and artificial insemination techniques. Model Training course: "Production processing and certification of quality bovine semen", ICAR-CIRC, Meerut 18-25 Nov. pp. 191-196.

2. **Soni Y K**, Mathur AK, Saha S and Bhargava A. 2015. Identification and significance of ovarian structures using ultrasonography. In Training manual: *Molecular approaches for augmenting reproductive efficiency in cattle*, held at ICAR- Central Institute for Research on Cattle, Meerut from 8-21 December, 2015, pp. 74-82.
3. **Soni Y K**, Kumar S, Saha S, Pande M and Tyagi S. 2018. Ultrasonography aided examination of female reproductive system in bovines for fertility management. MANAGE sponsored Certified Livestock Advisor Programme on Scientific cattle management for profitable and sustainable dairying venture held at ICAR- CIRC, Meerut Feb. 14-28, pp. 195-199.
4. **Soni, Y. K.**, Kumar, S., Chand, N., Pande, M. and Arya, S. 2018. Assessment of frozen semen quality parameters. MANAGE sponsored Certified Livestock Advisor Programme (Module-II) on Sustainable Dairy Production to Improve Farm Economy held at ICAR-CIRC, Meerut 11-25, Sep. pp. 156-162.

#### **D. Professional Recognitions**

##### **Awards and owners:**

1. **Best Poster Presentation award** from The Indian Society for study of Animal Reproduction (ISSAR): Kumar S, Saha S, **Soni Y K**, Bhargava A, Kumar K, Yadav BBS, Pande M, Sirohi AS, Chand N, Prasad N, Singh JK and Prakash B. (2016). Mass estrus induction/synchronization in bovines under Field conditions using hormonal interventions.
2. **Awarded certificate of appreciation as Member of Scientific Advisory Board** in recognition of an outstanding contribution to the quality of International Journal of Livestock Research for the year 2018.
3. **Third Best oral presentation award** in National Conference on Livelihood Improvement through Sustainable Livestock Production held during 03-04, November 2019, at ICAR-CIRC, Meerut.
4. **Second Best oral presentation award** in National Webcon on Agriculture Production and support system managing COVID Pandemic: Experience sharing and strategies organized by CSAUT, Kanpur during 06-08 May, 2020.

##### **Membership of different Societies:**

1. Life member of Indian Society for study of Animal Reproduction (ISSAR), LM no.2240
2. Life member of Indian Indian association for the advancement of veterinary research, LM no. Y-9
3. Life member of Indian Poultry Science Association, LM no. 82/2012
4. Life member of Indian academy of veterinary nutrition and animal welfare, LM no. 280
5. Life member (L26383) of The Indian Science Congress Association.

##### **Reviewer of journals:**

1. Reviewer of **The Haryana Veterinarian Journal** (NAAS: 5.36)

2. Reviewer of **International Journal of Livestock Research** (NAAS: 5.36)
3. Reviewer of **International Journal of Agriculture Sciences**(NAAS: 4.20)