

Dr. Nisar Ahmad Wani is heading a state-of-the-art Reproductive Biotechnology Center in Dubai, UAE. The focus of his center is to develop and apply new reproductive biotechnology techniques for animal species of the region with particular emphasis on camels. In year 2009 he and his team created history by producing World's First Cloned Camel named 'Injaz'. In year 2010, he produced cloned copy of an elite bull named as Bin-Soughan. In subsequent years he has been successful in producing many more cloned camel calves from the somatic cells of elite animals.

Dr. Wani has a bachelors and masters degree in veterinary sciences from SK University of Agricultural Sciences, and a doctoral degree (PhD) from prestigious GB Pant University of Agriculture and Technology Pantnagar, India. Dr Wani has been awarded with many merit scholarships and university gold medals for his academic excellence and has bagged many awards like Best Young Scientist Award, Dr. S.N. Luktekae Award, Outstanding young scientist award, Dr. GB Singh award for his excellence in research work. Dr Wani has travelled extensively to different parts of world as a lecturer, speaker or presenter in international workshops, meetings and conferences.

Publications related to Camelid (Last ten years)

1. **Wani NA**, Wernery U, Hassan FAH, Wernery R, Skidmore JA (2010). Production of the First Cloned Camel by Somatic Cell Nuclear Transfer. *Biology of Reproduction* 82, 373–379.
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3. **Wani NA**, Skidmore JA (2010). Ultrasonographic-guided retrieval of in vivo matured oocytes after super-stimulation in dromedary camel (*Camelus dromedarius*). *Theriogenology* 74; 436–442.
4. Kinne J, **Wani NA**, Wernery U, Peters J and Knospe C (2010). Is There a Two-Humped Stage in the Embryonic Development of the Dromedary? *ANATOMIA, HISTOLOGIA, EMBRYOLOGIA* doi: 10.1111/j.1439-0264.2010.01011.x
5. **Wani NA**, KM Morton, M Billah, Skidmore JA (2011). Biophysical and biochemical characteristics of ejaculated dromedary camel (*Camelus dromedarius*) and llamas (*Llama glama*) semen. *J Camel Practice and Research* 18, 97-102.
6. **Wani NA** (2009). In vitro embryo production in camel (*Camelus dromedarius*) from in vitro matured oocytes fertilized with epididymal spermatozoa stored at 4°C. *Animal Reprod Sci.* 111; 69–79.
7. **Wani NA**, Skidmore JA and Wernery U (2009). Preliminary studies on the development of reconstructed embryos after nuclear transfer in dromedary camel (*Camelus dromedarius*). *Reprod Fertil Dev* 21; 128-129.

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9. **Wani NA**, Billa M, Skidmore JA (2008). Studies on liquefaction and storage of ejaculated dromedary camel (*Camelus dromedarius*) semen. *Animal Reprod Sci.* 109; 309–318.
10. **Wani, NA** (2008). In vitro embryo production in camelids: An overview. *Proceedings WBC/ ICAR 2008 Satellite Meeting on Camelid Reproduction*, 12-13 July, Budapest, Hungary, Pp 46-50.
11. **Wani NA** (2008). Chemical activation of in vitro matured dromedary camel (*Camelus dromedarius*) oocytes: optimization of protocols. *Theriogenology* 69; 5: 591-602.
12. **Wani NA** and Wernery U (2007). Production of dromedary embryos from gametes obtained from slaughterhouse. *Proceedings of International Camel Conference on “Recent Trends in Camelid Research and Future Strategies for Saving Camels”*, Feb 16-17, 2007, Bikaner, India.
13. **Wani NA** and Wernery U (2006). Parthenogenetic activation of camel (*Camelus dromedarius*) oocytes. *Biology of Reproduction (special issue)*, 180.
14. **Wani NA** and Nowshari MA (2005). Kinetics of nuclear maturation and effect of holding ovaries at room temperature on in vitro maturation of camel (*Camelus dromedarius*) oocytes. *Theriogenology* 64:75-85.
15. **Wani NA** and Nowshari MA (2005). Effect of heparin and calcium ionophore on acrosome reaction in epididymal spermatozoa of dromedary camel (*Camelus dromedarius*). *Reprod Fertil Dev* 17: 250-251.
16. Nowshari MA and **Wani NA** (2005). Camelid embryo development in vitro: effect of protein supplementation in maturation medium and subsequent culture in two different media on fertilization and development. *Reprod Fertil Dev* 17: 276.
17. **Wani NA**, Nowshari MA and Wernery U (2005) Storage of camel (*Camelus dromedarius*) epididymal spermatozoa in different extenders and at different temperatures. *Biology of Reproduction (special issue)*, 2-34.
18. **Wani NA**, Wernery U and Nowshari MA (2004). Chronological events of in vitro maturation in camel (*Camelus dromedarius*) oocytes. *Reprod Fertil Dev* 16: 161.