

Brief Biodata of Dr. M.S. Chauhan

Dr. Manmohan Singh Chauhan is a Distinguished Scientist of India and worked in the field of Reproductive Biotechnology of Livestock viz. goat, cattle, buffaloes and yaks. During his research career spanning 30 years, Dr. Chauhan has developed several potential Assisted Reproductive Technologies for enhancing the reproductive efficiency in livestock. He has significantly contributed towards the development of simple method for *in vitro*



production (IVF) of embryos in goat, cattle, buffalo and yak, production of embryonic stem cell lines in buffalo and goat, ovum pick up (OPU), IVF technology in cattle and yak, and cloning technology in buffalo using hand guided cloning technology. These technologies have brought name and fame to the Institute and the country by producing several IVF buffaloes and cloned buffaloes namely, 'Garima', 'Garima-II', 'Shresth', 'Swarn', 'Purnima', 'Lalima', 'Rajat', 'Deepasha', and OPU-IVF Sahiwal cattle 'Holi' and OPU-IVF yak 'Norgyal'. In recent times, Dr. Chauhan was actively involved in development of transgenic goat and buffaloes of pharmaceutical and agricultural use.

Dr. Chauhan has been Principal Investigator of 9 projects of over Rs. 13 crore granted by different agencies such as Department of Biotechnology (Govt. of India), NAIP-ICAR and National Agricultural Science Fund of ICAR and guided 7 Doctoral and 9 Master's students. Dr. Chauhan is fellow of National Academy of Agricultural Sciences, Fellow of National Academy of Dairy Sciences and recipient of several research awards and recognition which includes Rafi Ahmed Kidwai Award(ICAR), DBT Overseas Long Term Associateship, Labhaswetar Award by ISSRF, ICAR Team Award, Certificate of Merit Award for Exemplary Research by Virginia Polytechnic Institute & State University, USA, Prof. G.P. Talwar Middle Career Scientist Award, Certificate of Recognition Award by Secretary, DARE & DG, ICAR and Certificate of Appreciation by Hon'ble Minister of Agriculture, Govt. of India on production of progeny 'Mahima' from a cloned calf 'Garima-II'. He has (co)authored over 125 research papers <http://www.ncbi.nlm.nih.gov/pubmed/?term=Chauhan+MS+Karnal> and about 70 scientific and technical publications. He has visited different laboratories in the USA, Canada and Germany. He is nominee of His Excellency Governor of Punjab for selection of faculty in PAU, Ludhiana and member of BOM, NDRI, Karnal and was member of 3 Committees of Task Force of Department of Biotechnology, New Delhi and many professional societies, and is also member of many peer review committees at the national level.
