



Brief CV of Dr. M.S. Chauhan

Dr. Manmohan Singh Chauhan, currently working as **Director, ICAR-Central Institute for Research on Goats (CIRG)**, Makhdoom, Mathura (UP). Before joining CIRG, he was Principal Scientist in Animal Biotechnology at National Dairy Research Institute, Karnal. Dr. Chauhan is a Distinguished Scientist of India in the field of Reproductive Biotechnology of Livestock viz cattle, buffaloes, yaks and goats.

During his research career spanning 32 years till date he 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 cattle, buffalo, goat and yak; production of embryonic stem cell lines in buffalo and goat; ovum pick up (OPU) - IVF technology in cattle and yak; animal cloning in buffalo using simple hand guided cloning technology. These technologies have brought name and fame to the Institute, ICAR 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*'; OPU-IVF yak '*Norgyal*'. In recent times he has been actively involved in development of simple procedure for transgenic goat and buffaloes of pharmaceutical and agricultural use.

Dr. Chauhan is 'Fellow of National Academy of Agricultural Sciences', 'Fellow of National Academy of Dairy Sciences of India'. He has been Principal Investigator (PI) of 11 mega projects and Co- Principal Investigator (Co-PI) of 6 projects awarded from different agencies such as Department of Biotechnology (Ministry of Science & Technology, Govt. of India), Department of Science & Technologies, NAIP and National fund of ICAR, New Delhi. Under these projects, he has been granted over Rs. 23 crore projects (as PI & Co-PI). He has guided 8 Doctoral and 9 Master's students for their dissertations.

Dr. Chauhan has been recipient of several research awards including prestigious Rafi Ahmed Kidwai Award (ICAR), New Delhi; VASVIK Industrial award; DBT Overseas Long Term Associate ship Award; ICAR-Team Award; Dr. Labsetwar Award by ISSRF; Certificate of Merit Award for Exemplary Research by Virginia Polytechnic Institute & State University, USA; Prof. G.P. Talwar Middle Career Scientist Award by ISSRF; Certificate of Recognition Award by Secretary DARE & Director General, ICAR, New Delhi; Certificate of Appreciation by Hon'ble Minister of Agriculture on production of progeny '*Mahima*' from a cloned calf '*Garima -II*' and many more.

During his DBT overseas fellowship program, Dr. Chauhan served as Post-Doctoral Fellow in Virginia Tech, Blacksburg, USA as worked on transgenic animal production technology. He was Course Director of 6 National Training (21 days training) Program organized for faculty/ Scientists of the country. Under this, 115 Faculty/ Scientists were trained by him. Under the Biotechnology students training program, he has trained over 670 students from different colleges/universities. He has also organized 2 International Conferences which includes 12th Agricultural Science Congress at NDRI in 2015 and 1 National Conference.

Over 125 research papers (please see the list of Publications) and approx. 90 scientific and technical publications (<http://www.ncbi.nlm.nih.gov/pubmed/?term=chauhan+MS+Karnal>) and 2 Books (ISBN) have been published by him.

He has been recognized as '*Kisano ke Mahanayk*' by Delhi Doodarshan and can be seen:

<https://www.youtube.com/watch?v=u4JLO-kLw9k&list=PLKANlcNm49aXobbMpXDiTjCepQS9IJaOd&index=18>

He has visited different laboratories in the USA, Canada and Germany. He was member 3 Department of Biotechnology Task Force Committees and currently he is member of many professional societies, member of many peer review committees at the national and International level.