

Flow cytometry Webinar conducted at Southern Regional Station of ICAR-NDRI, Bengaluru

Southern Regional Station of ICAR-NDRI, Bengaluru in collaboration with Beckman Coulter Life Sciences, India organized a paid webinar on “*Application of Flow cytometer in Semen Analysis*” during 21-22 July 2020. The workshop was conducted at Theriogenology Laboratory of SRS. The objective of the work shop was to impart the participants with knowledge on flow cytometry instrumentation, experiment designing, flow cytometry analysis of sperm quality, data analysis and interpretation of results. A total of 101 participants from different parts of the country attended the webinar. During the workshop, expert lectures from the company and from SRS were arranged and participants were appraised about the basics and concepts of flow cytometry applications. Besides the lectures, experiments on flow cytometric assessment of sperm viability, intracellular calcium, reactive oxygen species, acrosomal integrity etc were demonstrated using previously recorded video. Dr. A. Kumaresan from SRS of ICAR-NDRI, Mr. Mukund Joshi, Mr. Jitin C Mohan, Ms. Pooja Dalvi and Mr. Kaushik De from Beckman Coulter Life Sciences were the resource persons for the webinar. During the valedictory function held on 22.07.2020, Dr. K.P. Ramesha, Head, SRS urged the participants to use the knowledge and skills acquired through the webinar in their work and research activities and stressed for collaborative research and development. Mr. Niraj Khurana, National Marketing Manager, Beckman Coulter Life Sciences explained how best the flow cytometry could be useful for research and diagnostic applications and appraised the participants about the developments in flow cytometry. Dr. A. Kumaresan, Principal Scientist (Animal Reproduction) was the coordinator for the webinar.