

❖ Course Title	Cryopreservation Techniques and Analysis of Sperm Parameters
❖ About this course	The course is offered to teach methods in semen cryopreservation in different species. Several methods of cryopreservation will be taught and a variety of approach in freeze-thaw process for sperm will be evaluated. The course is designed primarily as a hand-made method in which participants learn techniques for the cryopreservation of spermatozoa. Techniques include: slow freezing, rapid freezing, vitrification and novel approached in semen cryopreservation. In addition, general principles of cryobiology, development of inventory databases for individual programs, and adaptation of long-term storage systems and cryogenic equipment for different species will be discussed.
❖ Audience: Level (BSc, MSc., PhD, etc)	The target audience for this course includes PhD, MSC and BSC students in Biology, Andrology, Reproduction and Embryology related fields as well as student in physicians, fellows, physician assistants, nurse practitioners, embryologists and other allied health professionals in the semen biology.
❖ Department ❖ Instructor	Department of Embryology, Unit of sperm biology
❖ Modules/Resources	This course provides the educational and training space for 15 participants.
❖ Course Requirements	-
❖ Registration Costs	50\$
❖ Duration:	1 day