



Workshop on Cryopreservation Techniques and Analysis of Sperm Parameters

This workshop is designed primarily as a hands-on method in which participants learn techniques for the cryopreservation of spermatozoa. Several methods of cryopreservation will be taught and a variety of approaches in the freeze-thaw process for sperm will be evaluated. The techniques include: slow freezing, rapid freezing, vitrification, and novel approaches 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.

In this workshop you will learn:

- Spermatozoa cryopreservation techniques
- Principles of cryobiology

This workshop is suitable for graduates and students of all academic levels in biology, paramedical, and medical fields. Participants should have basic laboratory skills and be confident in a laboratory environment.