

Cryopreservation Training Course

Day 1 - Monday 16th April 2018

08:30 - 9:00 hrs	Arrival and registration
09:00 - 10:00 hrs	Introductory lecture, including coffee and discussion
10:00 – 11:00 hrs	Tour of the Mary Lyon Centre
11:00 – 12:00 hrs	Handling/Shipping Samples Introduction a) Lifer holding/refrigerated transportation b) Dry shipper (Demonstration)
12:00 – 13:00 hrs	LUNCH
13:00 – 15:00 hrs	Sperm Harvesting/Freezing Introduction a) Sperm freezing - Practical b) Sperm held in Lifer for refrigerated transportation (Practical) c) Sperm held on dry-ice (Demonstration)
15:00 – 16:00 hrs	Preparation for Tuesday's IVF a) Pre- incubation dish containing MBCD b) Fertilisation drops containing GSH c) Wash dish containing mHTF
16:00 – 16:30 hrs	Recap/Review

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Day 2 - Tuesday 17 April 2018

07:30 - 10:30 hrs	IVF Introduction
	a) Freshly harvested sperm – Demonstration
	b) Sperm retained in epididymides (Lifor) – Practical
	c) Harvest oocytes – Demonstration followed by practical
	d) Sperm frozen in LN ₂ (Practical)
	e) Sperm held on dry-ice (Demonstration)
10:30 – 11:00 hrs	<i>TEA AND COFFEE</i>
11:00 – 12:30 hrs	Embryo handling (Practical)
12:30 – 13:30 hrs	<i>LUNCH</i>
13:30 – 15:00 hrs	Wash IVF (Demonstration followed by practical)
15:00 – 16:00 hrs	Managing the Archive (Discussion)
16:00 – 16:30 hrs	Recap/Review

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Day 3 - Wednesday 18th April 2018

08:00 – 09:30 hrs	Score IVF (Demonstration followed by practical)
09:30 - 10:30 hrs	Embryo Vitrification Introduction (Demonstration)
10:30 – 11:00 hrs	TEA AND COFFEE
11:00 – 13:00 hrs	Embryo Freezing – Vitrification (Practical)
13:00 –14:00 hrs	LUNCH
14:00 – 15:00 hrs	Thawing embryos (Demonstration followed by practical)
15:00 – 16:00 hrs	a) Media Preparation b) Pulling Pipettes c) Blastocyst genotyping (Demonstration and discussion)
16:00-16:30 hrs	Recap/review
19:30 hrs	COURSE DINNER

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Day 4 – Thursday 19th April 2018

08:30 – 09:00 hrs	Thawing embryos from controlled slow cooling method (Demonstration)
09:30 – 10:00 hrs	Non- Surgical Embryo Transfer – NSET/TCET (Discussion)
10:00 – 10:30 hrs	<i>TEA AND COFFEE</i>
10:30- 11:30 hrs	Surgical Embryo Transfer (Demonstration)
11:30 –12:30 hrs	Recap/review course