

INFRAFRONTIER-I3 - Cryopreservation Training Course

Day 1 - Monday 21st September 2015

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 <ul style="list-style-type: none">a) Lifer holding/refrigerated transportationb) Dry shipper (Demonstration)
12:00 –13:00 hrs	LUNCH
13:00 – 15:00 hrs	Sperm Harvesting/Freezing Introduction <ul style="list-style-type: none">a) Sperm freezing - Practicalb) 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 <ul style="list-style-type: none">a) Pre- incubation dish containing MBCDb) Fertilisation drops containing GSHc) Wash dish containing mHTF
16:00 – 16:30 hrs	Recap/Review

Day 2 - Tuesday 22nd September 2015

07:30 - 10:30 hrs	IVF Introduction <ul style="list-style-type: none">a) Freshly harvested sperm – Demonstrationb) Sperm retained in epididymides (Lifer) – Practicalc) Harvest oocytes – Demonstration followed by practicald) Sperm frozen in LN₂ (Practical)e) Sperm held on dry-ice (Demonstration)
10:30 – 11:00 hrs	TEA AND COFFEE
11:00 – 12:30 hrs	Embryo handling (Practical)

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12:30 – 13:30 hrs	LUNCH
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
19:30 hrs	COURSE DINNER

Day 3 - Wednesday 23rd September 2015

08:00 – 09:30 hrs	Score IVF (Demonstration followed by practical)
09:30 - 10:30 hrs	Embryo Harvesting Introduction (Demonstration)
10:30 – 11:00 hrs	TEA AND COFFEE
11:00 – 13:00 hrs	Embryo Freezing – Slow cooling (Practical)
13:00 – 14:00 hrs	LUNCH
14:00 – 15:00 hrs	Embryo vitrification Introduction (Demonstration)
15:00 – 16:00 hrs	Thawing embryos (Demonstration followed by practical)
16:00-16:30 hrs	Recap/review

Day 4 – Thursday 24th September 2015

08:30 – 10:00 hrs	Embryo Transfer –NSET (Demonstration)
10:00 – 10:30 hrs	TEA AND COFFEE
10:30- 11:30 hrs	Embryo Transfer – Surgical (Demonstration)
11:30 – 12:00 hrs	a) Media Preparation b) Pulling Pipettes (Demonstration and discussion)
12:00 – 12:30 hrs	Recap/review course