



# Cryopreservation of Mouse Germplasm

May 7-10, 2007

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## Workshop Schedule

Subject to change

*Sunday, May 6 is a Travel day with arrivals at Highseas Conference Center*

### **Monday, May 7**

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|-------------------------|--|
| 7:45-8:15a.m.<br>8:15am | Breakfast and Registration at Highseas<br>Shuttle from Highseas to the lab                                     |
| 8:30-8:45a.m.           | <b>Training Laboratory Use Policy Review</b><br>Jennifer Corrigan, M.S., The Jackson Laboratory                |
| 8:45-9:00a.m.           | <b>Course Overview and Introductions (lecture)</b><br>Robert Taft, Ph.D., The Jackson Laboratory               |
| 9:00-10:00a.m.          | <b>Cryopreservation Strategies (lecture)</b><br>Robert Taft, Ph.D., The Jackson Laboratory                     |
| 10:00-10:15a.m.         | <b>Break</b>   |
| 10:15-11:30a.m.         | <b>Mouse Reproductive Biology (lecture)</b><br>Robert Taft, Ph.D., The Jackson Laboratory                      |
| 11:30-12:15p.m.         | Group Photo, then <b>Lunch at Roscoe's</b>   |
| 12:15-2:30p.m.          | <b>Basic Cryobiology (lecture)</b><br>Stanley Leibo, Ph.D., University of New Orleans/Audubon Nature Institute |
| 2:30-3:00p.m.           | <b>Sperm Cryo (lecture)</b><br>Chuck Ostermeier, Ph.D., The Jackson Laboratory                                 |
| 3:00-3:10p.m.           | <b>Break</b>   |
| 3:10-5:00p.m.           | <b>Sperm Cryo (practical)</b><br>Jane Farley, The Jackson Laboratory   |
| 5:00p.m.                | <b>Daily Wrap Up</b>   |
| 5:30pm<br>6:00pm        | Shuttle from lab to Highseas<br>Dinner at Highseas   |

## **Tuesday, May 8**

7:15-7:45a.m. 7:45am	Breakfast at Highseas Shuttle from Highseas to the lab
8:00-8:30a.m.	<b>Introduction to In Vitro Fertilization (lecture)</b> Robert Taft, Ph.D., The Jackson Laboratory
8.30-9.30a.m.	<b>IVF Lab (practical)</b> Jane Farley, The Jackson Laboratory
9.30 -9.45 a.m.	<b>Break</b>
9.45-11:00a.m.	<b>IVF Lab (practical)</b> Jane Farley, The Jackson Laboratory
11:00-12:00p.m.	<b>IVF-Implementation and Troubleshooting (discussion)</b> Robert Taft, Ph.D., The Jackson Laboratory
12:00-12.45 p.m.	<b>Lunch at Roscoe's</b>
12.45-1.45 p.m.	<b>Data Management (lecture)</b> Robert Taft, Ph.D., The Jackson Laboratory
1.45-2.45p.m.	<b>IVF Lab (practical)</b> Jane Farley, The Jackson Laboratory
2.45-4.45p.m.	<b>Basic Cryobiology (lecture)</b> Stanley Leibo, Ph.D., University of New Orleans/Audubon Nature Institute
4.45p.m.	<b>Daily Wrap Up</b>
5:15pm 5:30-6:00 6:00pm	Shuttle from lab to Highseas Social time with beverages provided Lobster Dinner at Highseas

## **Wednesday, May 9**

7:15-7:45a.m. Breakfast at Highseas  
7:45am Shuttle from Highseas to the lab

8:00-10.00.am **IVF Lab (practical)**  
Jane Farley, The Jackson Laboratory

10.00-10.15.am **break**

10.15 -11.15.m. **Introduction to Slow-Rate Freezing (lecture)**  
Stanley Leibo, Ph.D., University of New Orleans/Audubon Nature Institute

11:15-12:00 p.m. **Lunch at Roscoe's**

12:00 – 2.00 p.m. **Slow-Rate Freezing (practical)**  
Sian Clements, The Jackson Laboratory

2:00 – 3.00 pm. **IVF Lab (practical)**  
Jane Farley, The Jackson Laboratory

3:00-3.10 p.m. **Break**

3:00 – 5.00 p.m. **Slow-Rate Freezing (practical)**  
Sian Clements, The Jackson Laboratory

5:00pm Shuttle from lab to Highseas  
6:00pm Dinner at Highseas

## **Thursday, May 10**

- 7:15-7:45a.m. Breakfast at Highseas  
7:45am Shuttle from Highseas to the lab
- 8:00 - 8:45a.m. **Repository Operations- Quality Control (lecture)**  
Robert Taft, Ph.D., The Jackson Laboratory
- 8:45 - 9:30 a.m. **Repository Operations- Implementation (lecture)**  
Robert Taft, Ph.D., The Jackson Laboratory
- 9:30 – 9:40 a.m. **Break**
- 9:40 – 10:30 a.m. **Introduction to Embryo Vitrification (theory)**  
Stanley Leibo, Ph.D., University of New Orleans/Audubon Nature Institute
- 10:30-12:00 a.m. **Vitrification Lab (practical)**  
Sian Clements, The Jackson Laboratory
- 12:00- 1.00 p.m. **Lunch at Roscoe's**
- 1.00 - 2.30pm. **Discussion** (agenda to be arranged)
- 2.30pm **Wrap Up, Graduation**
- 3:30pm Shuttle from lab to Highseas
- 6:00pm Dinner at Highseas for those checking out Friday morning
- (Breakfast will be served at Highseas Friday morning)