



Cryopreservation of Mouse Germplasm

May 22-25, 2006

For more information please contact Erin McDevitt, erin.mcdevitt@jax.org

Workshop Schedule

Monday, May 22

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| 8:00-8:30a.m. | Registration |
| 8:30-9:00a.m. | Introduction to Cryopreservation (lecture)
Robert Taft, Ph.D., The Jackson Laboratory |
| 9:00-9:15a.m. | Break |
| 9:15-10:15a.m. | Mouse Anatomy Lab (practical)
Robert Taft, Ph.D., The Jackson Laboratory |
| 10:15-11:30a.m. | Reproductive Mouse Biology (lecture)
Robert Taft, Ph.D., The Jackson Laboratory |
| 11:30-12:30p.m. | Lunch/ Group Photo |
| 12:30-2:30p.m. | Basic Cryobiology (lecture)
Stanley Leibo, Ph.D., University of New Orleans/
Audubon Nature Institute |
| 2:30-3:00p.m. | Sperm Cryo (lecture)
Chuck Ostermeier, Ph.D., The Jackson Laboratory |
| 3:00-3:15p.m. | Break |
| 3:15-5:00p.m. | Sperm Cryo (practical)
Jane Farley, The Jackson Laboratory |
| 5:00p.m. | Daily Wrap Up |

Tuesday, May 23

- 8:00-8:45a.m. **Introduction to In Vitro Fertilization (lecture)**
Robert Taft, Ph.D., The Jackson Laboratory
- 8:45-9:00a.m. **Break**
- 9:00-11:00a.m. **IVF Lab (practical)**
Jane Farley, The Jackson Laboratory
- 11:00-12:00p.m. **Application of IVF (lecture)**
Robert Taft, Ph.D., The Jackson Laboratory
- 12:00-1:00p.m. **Lunch**
- 1:00-2:00p.m. **IVF Lab (practical)**
Jane Farley, The Jackson Laboratory
- 2:00-3:30p.m. **Basic Cryobiology (lecture)**
Stanley Leibo, Ph.D., University of New Orleans/
Audubon Nature Institute
- 3:30-3:45p.m. **Break**
- 3:45-5:00p.m. **Basic Cryobiology (lecture)**
Stanley Leibo, Ph.D., University of New Orleans/
Audubon Nature Institute
- 5:00p.m. **Daily Wrap Up**
- 5:30p.m.** **Course Dinner**

Wednesday, May 24

- 8:00-8:30a.m. **IVF Lab (practical, embryo assessment)**
Jane Farley, The Jackson Laboratory
- 8:30-9:00a.m. **Two-step freezing introduction (lecture)**
Stanley Leibo, Ph.D., University of New Orleans/
Audubon Nature Institute
- 9:00-9:15a.m. **Break**
- 9:15-10:45a.m. **Two-Step Freezing (practical)**
Sian Clements, The Jackson Laboratory

- 10:45-11:30a.m. **Databases (lecture)**
Robert Taft, Ph.D., The Jackson Laboratory
- 11:30-12:30p.m. **Lunch**
- 12:30-2:00p.m. **Two-Step Freezing (practical)**
Sian Clements, The Jackson Laboratory
- 2:00-2:45p.m. **Introduction to Embryo Vitrification (theory)**
Stanley Leibo, Ph.D., University of New Orleans/
Audubon Nature Institute
- 2:45-3:00p.m. **Break**
- 3:00-5:00p.m. **Vitrification Lab (practical)**
Stanley Leibo, Ph.D., University of New Orleans/
Audubon Nature Institute
- 5:00p.m. **Daily Wrap Up**

Thursday, May 25

- 8:00-9:00a.m. **Two-Step Freezing (practical, embryo
assessment)**
Sian Clements, The Jackson Laboratory
- 9:00-10:00a.m. **Repository Operations (lecture)**
Robert Taft, Ph.D., The Jackson Laboratory
- 10:00-10:30a.m. **Wrap Up, Graduation**
- 10:30a.m. **Lunch To Go**

END OF COURSE