Phenotyping Course Schedule 2008

Phenotyping for Functional Genetics, ME:680.712

3rd quarter/2nd semester: January 9-March 7, 2008
Wednesday & Thursday 2:30pm - 4:00pm
Room: BRB 801; Enrollment limited to 15.

1) Wed Jan  Brayton - Introduction to phenotyping, mouse genetics and biology, fundamentals of mouse and gene
nomenclature and repository use
2) Thu Jan  Watson - Environmental influences on phenotypes - What is in your mouse environment? What can
impact your research and phenotypes?

Tue JAN 15
4-6pm 801 BRB - Comparative Pathology Slide Conference
OPEN TO ALL

3) Wed Jan 16  Brayton - Common spontaneous and infectious phenotypes that can impact your research
4) Thu Jan 17  Brayton - Clinical + Anatomic Pathology phenotyping - Lecture - attendance is required to
participate in Labs

LAB 1: Clinical Examination, Clinical + Anatomic Pathology

6) Thu Jan 24  Brayton / Wilcox / Forbes / Southard et al.
LAB 2: Clinical + Anatomic Pathology

7) Wed Jan 30  Reeves – Making Mice
8) Thu Jan  Mitzner – Pulmonary/respiratory Phenotypes

9) Wed Feb 6  Gabrielson - IMAGING for Phenotyping

10) Thu Feb 7  Gabrielson - Cardiovascular phenotyping In vivo functional correlations to pathology

11) Wed Feb 13  Huso - Vascular and Connective Tissue Phenotypes

12) Thu Feb 14  Hess - Motor Phenotyping

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3rd JHU Phenotyping Symposium

Tue Feb 19

9-5pm Tilghman Auditorium / Turner Concourse
Registration is FREE but REQUIRED

Wed Feb 20

9am -12noon Phenotyping Pathology Slide Conference
Win Pathology of Laboratory Animals 3rd Ed!
Contact Dr. Brayton for Information & Reservations

10am Tour the Homewood Neurobehavioral Core
Contact Dani for Information & Reservations

9am Tour SAIRP/ICMIC Imaging Facilities
Contact James Fox for Information and Reservations

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13) Wed Feb 20  Jun - Ophthalmic Phenotyping

14) Thu Feb 21  May - Auditory/acoustic phenotyping


16) Thu Feb 28  Fisher - Fun with Fish: models of development and disease

17) Wed Mar 5  STUDENT PRESENTATIONS I

18) Thu Mar 6  STUDENT PRESENTATIONS II

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Tue Mar 11  
4-6pm 801 BRB - Comparative Pathology Slide Conference
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For additional Course information, contact Dr. Brayton.

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