

**FIR2026 SECTION 3**  
**WEEK 1: May 24 – May 30, 2026**

| <b>Date</b>                 | <b>Time</b>                | <b>Faculty</b>    | <b>Affiliation</b>                             | <b>Activity</b>   |
|-----------------------------|----------------------------|-------------------|--|---|
| <b>Sunday<br/>May 24</b>    | 7 PM                       | Margaret Petroff  | Michigan State University                      | Introduction to Section 3   |
|                             |                            |                   |  |   |
| <b>Monday<br/>May 25</b>    | 9 AM                       | Miranda Bernhardt | Washington State University                    | Lecture: Genetic Engineering Approaches in Reproductive Biology                     |
|                             | 1 PM                       | Miranda Bernhardt | Washington State University                    | Lab: Embryo Transfer and Gene Editing   |
|                             | 7 PM                       | Diana Monsivais   | Baylor College of Medicine                     | Lecture: Implantation/Decidualization   |
|                             |                            |                   |  |   |
| <b>Tuesday<br/>May 26</b>   | 9 AM                       | Joan Jorgensen    | University of Wisconsin – Madison              | Lecture: Sex Determination and the Battle of the Sexes: Gonadal Cells “Duke it Out” |
|                             | 1:30 PM                    | Joan Jorgensen    | University of Wisconsin – Madison              | Lab: Isolation and Identification of Germ Cells from Embryonic Mouse Gonads – 1     |
|                             | 4:30 PM                    | Miranda Bernhardt | Washington State University                    | Lab Wrapup: Gene editing  |
|                             | 7 PM                       | FIRbees           |  | Practice talks  |
|                             |                            |                   |  |   |
| <b>Wednesday<br/>May 27</b> | 9 AM                       | Richard Behringer | University of Texas, MD Anderson Cancer Center | Reproductive Tract Development  |
|                             | 1 PM                       | Joan Jorgensen    | University of Wisconsin – Madison              | Lab: Isolation and Identification of Germ Cells from Embryonic Mouse Gonads – 2     |
|                             | 3 PM                       |                   |  | Workshop: Storytelling to communicate your science (Group A)                        |
|                             | 4 PM                       |                   |  | Workshop: Storytelling to communicate your science (Group B)                        |
|                             | 7 PM                       | FIRbees           |  | Practice Talks  |
|                             |                            |                   |  |   |
| <b>Thursday<br/>May 28</b>  | 9 AM                       | Martin Cohn       | University of Florida                          | Lecture: Development of external genitalia  |
|                             | 1 PM                       | Martin Cohn       | University of Florida                          | Lab: sexual differentiation of external genitalia                                   |
|                             | 7 PM                       | Margaret Petroff  | Michigan State University                      | Lecture: Reproductive Immunology  |
|                             |                            |                   |  |   |
| <b>Friday<br/>May 29</b>    | 9 AM                       | Margaret Petroff  | Michigan State University                      | Lecture: Autoimmune disease and infertility in males and females                    |
|                             | 1 PM                       | Margaret Petroff  | Michigan State University                      | Lab: Flow Cytometry   |
|                             | 7 PM                       | Margaret Petroff  | Michigan State University                      | Workshop: Flow Cytometry Analysis   |
|                             |                            |                   |  |   |
| <b>Saturday<br/>May 30</b>  | 9 AM                       | Hanne             | Michigan State University                      | Lab: Set up for Circadian rhythms/Vibratome   |
| <b>Saturday<br/>May 30</b>  | Free afternoon and evening |                   |  |   |

**FIR2024 SECTION 3**  
**WEEK 2: May 31 – June 4**

| Date                        | Time                    | Faculty                            | Affiliation   | Activity   |
|-----------------------------|-------------------------|------------------------------------|---|--|
| <b>Sunday<br/>May 31</b>    | Free Morning, Afternoon |                                    |   |  |
|                             | 7PM                     | Lynda Harris                       | University of Nebraska  | Lecture: Human Placenta and Pregnancy Complications                    |
| <b>Monday<br/>June 1</b>    | 9 AM                    | Xiaoqiu Wang                       | North Carolina State University                               | Lecture: Comparative Anatomy and Physiology of Placentation            |
|                             | 1 PM                    | Lisa Vrooman, Margaret Petroff     | Oregon Health & Science University; Michigan State University | Lab: Mouse Placenta Dissection, Staining, and Culture; Embryo Analysis |
|                             | 7 PM                    | Lisa Vrooman                       | Oregon Health & Science University                            | Lecture: Developmental Origins of Health and Disease                   |
| <b>Tuesday<br/>June 2</b>   | 9 AM                    | Mariana Wolfner                    | Cornell University  | Lecture: Gametogenesis in <i>Drosophila</i>                            |
|                             | 1 PM                    | Mariana Wolfner                    | Cornell University  | Lab: Fly Reproduction  |
|                             | 7 PM                    | Erika Matunis                      | Johns Hopkins University                                      | Lecture: Stem Cells in <i>Drosophila</i> Testis                        |
| <b>Wednesday<br/>June 3</b> | 9 AM                    | Hanne Hoffmann                     | Michigan State University                                     | Lecture: Circadian Rhythms   |
|                             | 1 PM                    | Hanne Hoffmann                     | Michigan State University                                     | Lab: Circadian Rhythms Analysis  |
|                             | 4:30 PM                 | Margaret Petroff                   | Michigan State University                                     | Lab Wrapup: Placenta analysis  |
|                             | 7 PM                    | Sam Mesiano                        | Case Western Reserve University                               | Lecture: Parturition   |
| <b>Thursday<br/>June 4</b>  | 9 AM                    | FIRbees                            |   | Preparation time for lab wrapup  |
|                             | 1 PM                    | Margaret Petroff                   | Michigan State University                                     | Section 3 wrapup   |
|                             | 6 PM                    | Luigi Mastroianni Memorial Lecture |   |  |
| <b>Friday<br/>June 5</b>    | FIR Symposium           |                                    |   |  |
| <b>Saturday<br/>June 6</b>  | FIR Symposium           |                                    |   |  |