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| FIR2024 SECTION 3  WEEK 1: May 26 – June 1, 2024 | | | | |
| Date | **Time** | **Faculty** | **Affiliation** | **Activity** |
| Sunday  May 26 | 6 PM | Margaret Petroff | Michigan State University | Introduction to Section 3: Overview of pregnancy & placentation  Workshop: “So you’ve been asked to give a talk…” |
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| Monday  May 27 | 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 ES cell Injection |
| 7 PM | Susan Suarez | Cornell University | Lecture: Female Tract Interactions with Sperm |
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| Tuesday  May 28 | 9 AM | Indrani Bagchi | University of Illinois – Urbana-Champaign | Lecture: Implantation/Decidualization |
|  | 1 PM | Margaret Petroff  Lisa Vrooman | Michigan State University  Oregon Health & Science University | Lab: Placenta Dissection, Staining, and Culture; Embryo Analysis |
|  | 4 PM | Miranda Bernhardt | Washington State University | Lab Wrapup: Embryo Transfer and ES cell injection |
|  | 7 PM | Ripla Arora | Michigan State University | Lecture: Form and Function: Uterine 3D Structure-Function Relationships in Early Pregnancy |
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| Wednesday  May 29 | 9 AM | Tom Spencer | University of Missouri | Lecture: Implantation and placentation of domestic animals |
|  | 1 PM | Tom Spencer | University of Missouri | Lab: Placentation in domestic animals |
|  | 3:30 PM | Sean Nguyen | S2g Ventures | Workshop: Data Visualization with R |
|  | 7 PM | Margaret Petroff | Michigan State University | Lecture: Reproductive Immunology |
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| Thursday  May 30 | 9 AM | Carolyn Coyne | Duke University | Lecture: Placenta/Infection/organoids |
|  | 1 PM | Margaret Petroff | Michigan State University | Lab: Flow Cytometry |
|  | 4:30 PM | Petroff/Vrooman | Michigan State/OHSU | Placenta Lab Wrap Up |
|  | 7 PM | Lisa Vrooman | Oregon Health and Science University | Lecture: Fetal Programming of Long-Term Health Outcomes |
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| Friday  May 31 | 9 AM | Joan Jorgensen | University of Wisconsin | Lecture: Sex Determination and the Battle of the Sexes: Gonadal Cells “Duke it Out” |
|  | 1 PM | Joan Jorgensen | University of Wisconsin | Lab: Isolation and Identification of Germ Cells from Embryonic Mouse Gonads – 1 |
|  | 7 PM | Soo Hyun Ahn | Michigan State University | Workshop: Flow Cytometry Analysis |
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| Saturday  June 1 | 9 AM | Martin Cohn | University of Florida | Lecture: External Genitalia Development |
| 1 PM | Joan Jorgensen | University of Wisconsin | Lab: Isolation and Identification of Germ Cells from Embryonic Mouse Gonads – 2 |
| Free Evening | | | |

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| FIR2024 SECTION 3  WEEK 2: June 2 – June 6 | | | | |
| Date | **Time** | **Faculty** | **Affiliation** | **Activity** |
| Sunday  June 2 | Free Day | | | |
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| Monday  June 3 | 9 AM | Clémence Belleannée | Laval University | Lecture: Intercellular cross-talks in the epididymis |
| 1 PM | Clémence Belleannée | Laval University | Lab: Wolffian & Müllerian duct development |
| 7 PM | Richard Behringer | University of Texas, MD Anderson Cancer Center | Reproductive Tract Devleopment |
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| Tuesday  June 4 | 9 AM | Hanne Hoffman | Michigan State University | Lecture: Circadian Rhythms |
| 1 PM | Hanne Hoffmann | Michigan State University | Lab: Circadian Rhythms & Parturition |
| 7 PM | Sarah England | Washington University – St. Louis | Lecture: Parturition & Preterm Birth |
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| Wednesday  June 5 | 9 AM | Mariana Wolfner | Cornell University | Lecture: Gametogenesis in *Drosophila* |
|  | 1 PM  5 PM | Mariana Wolfner  Clémence Belleannée | Cornell University  Laval University | Lab: Fly Reproduction  Wolffian & Müllerian duct Wrap Up |
|  | 7 PM | Erika Matunis | Johns Hopkins University | Lecture: Stem Cells in *Drosophila* Testis |
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| Thursday  June 6 | 9 AM | Margaret Petroff | Michigan State University | Section 3 Wrap-up and Data Presentations |
|  | 6 PM |  |  | Luigi Mastroianna Memorial Lecture |
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| Friday  June 7 |  |  | FIR Symposium |  |
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| Saturday  June 8 |  |  | FIR Symposium |  |