|  |
| --- |
| **FIR2024****SECTION 1**  |
| **Date** | **Time** | **Faculty**  | **Affiliation** | **Activity** |
| Sunday April 28 | 6 PM | Rafael FissoreDan Bernard | U MassMcGill University | Introduction to FIR |
|  | Djurdjica Coss | UC Riverside | Introduction to Section 1 |
|  |
| Monday April 29 | 9 AM | Dan Bernard | McGill University | Lecture:Overview of the HPG axis |
| 11 AM | Dan Bernard | McGill University | Lab: Transcription |
| 7 PM | Olga Astapova | U Rochester | Lecture:Signal transduction in the HPG axis |
|  |
| Tuesday April 30 | 9 AM | Ursula Kaiser  | BWH | Lecture:GnRH and kisspeptin neurons |
| 11 AM | Dan Bernard | McGill University | Lab: Transcription |
| 7 PM | Dan Bernard  | McGill University | Lecture:Activins and Inhibins |
|  |  |
| Wednesday May 1 | 9 AM | Martin Kelly  | OHSU | Lecture: Hypothalamic reproductive circuitry and novel tools |
| 11 AM | Dan Bernard | McGill University | Lab: Transcription |
| 7 PM | Richard Auchus | University of Michigan | Lecture:Steroidogenesis and mass spectrometry |
|  |  |
| ThursdayMay 2 | 9 AM | Buffy Ellsworth | Southern Illinois U.  | Pituitary development |
| 11 AM | Buffy Ellsworth | Southern Illinois U. Zeiss | Lab:RNA scopeMicroscopy Workshop (during incubation)? |
| 7 PM | Richard Piet | Kent State | Lecture:Circadian rhythms and ovulation  |
|  |
| FridayMay 3 | 9 AM | Dan Dumesic | UCLA | Lecture: PCOS |  |
| 11 AM | Buffy Ellsworth | Southern Illinois University | Lab (may continue after 9 PM):RNA scope |
| 7 PM | FIRbees | FIR | Djurdjica and Dan chalk talk examplesLab wrap-up: Preparation |
|  |
| SaturdayMay 4 | 9 AM | FIRbees | FIR | Lab wrap-up: Presentations for week 1 labs |
|  |  |  |
| SundayMay 5 | *Free day* |
|  |  |  |
| Monday May 6 | 9 AM | Ravi Balasubramanian | Mass General | Lecture: Genetics of human puberty |
| 11 AM | Djurdjica Coss | UC Riverside  | Lab (may continue after 9 PM):Pituitary primary cell cultures and ELISA |
| 7 PM | Stephanie Pangas  | Baylor | Lecture:Follicle Development |
|  |
| TuesdayMay 7 | 9 AM | Djurdjica Coss |  | Lecture:Metabolic control of reproduction |
| 11 AM | Djurdjica Coss | UC Riverside  | Lab (may continue after 9 PM):Pituitary primary cell cultures and ELISA |
| 7 PM | Carolyn Cummins  | University of Toronto | Nuclear receptor signaling and epigenetics |
|  |  |  |
| WednesdayMay 8 | 9 AM | Steve Hammes  | U Rochester  | Lecture:Androgen action in the ovary |
| 11 AM | Djurdjica Coss | UC Riverside  | Lab:Pituitary primary cell cultures and ELISA |
| 3 PM | Stephanie Pangas | Baylor | Lab: (may continue after 9 PM)Granulosa cells cultures and Western Blot |
| 7 PM | Steve Hammes  | U Rochester  | Lecture:Reproduction case conference |
|  |  |
| ThursdayMay 9 | 9 AM | Stephanie Page | NIEHS | Lecture: FSH, Sertoli, and male contraception |
| 11 AM | Stephanie Pangas | Baylor | Lab: (may continue after 9 PM)Granulosa cells cultures and Western Blot |
| 7 PM | Raj Kumar | University of Colorado | Lecture:LH action and mouse models |
|  |  |  |
| FridayMay 10 | 9 AM | Kellie Breen Church  | UCSD | Lecture:Stress and reproduction  |
| 11 AM | Stephanie Pangas | Baylor | Lab: (may continue after 9 PM)Granulosa cells cultures and Western Blot |
| 7 PM | FIRbees | FIR | Short research talksLab whap-up preparation  |
|  |  |  |
| SaturdayMay 11 | 9 AM | FIRbees | FIR | Lab wrap-up: Presentations for week 2 Labs |