



Join us for a webinar on

Thursday, February 12, 2015

1:00 - 2:00 PM EDT (12:00-1:00 PM CDT, 11:00 AM - 12:00 PM MDT and 10:00 - 11:00 AM PDT)

## Understanding interactions between female sex hormones, hormonal contraception and HIV susceptibility in women

Please join us for a webinar entitled “Understanding interactions between female sex hormones, hormonal contraception and HIV susceptibility in women” presented by Dr. Charu Kaushic, Professor and OHTN Applied HIV Research Chair, McMaster University. This webinar will provide Canadian researchers and members of the Canadian HIV Vaccine Initiative Research and Development Alliance with a better understanding of the research and controversy surrounding hormonal contraception and links to increased HIV susceptibility and transmission in women. The topics covered will include: a review of the research field and controversy, the mechanisms that hormones can regulate susceptibility and immune responses; the effect of sex hormones and hormonal contraceptives on susceptibility; as well as some of the research gaps in this area. The webinar will be of particular interest to trainees and researchers with an interest in hormonal contraception, HIV susceptibility and transmission, immune response to HIV and other STI and HIV vaccine development. All are welcome.

### Presenter



**Dr. Charu Kaushic**  
Professor and OHTN Applied  
HIV Research Chair,  
McMaster University

### Learning Objectives:

By the end of the webinar you will be able to :

1. Review the current controversy surrounding hormonal contraception and its link to increased HIV susceptibility and transmission risk in women.
2. Examine the evidence from clinical and experimental studies regarding effect of sex hormones and hormonal contraceptives on susceptibility to sexually transmitted viruses.
3. Gain understanding of some of the underlying mechanisms by which female sex hormones, estradiol and progesterone and hormonal contraceptives, can regulate susceptibility and immune responses to HIV and other STIs.
4. Identify some gaps in information and new research initiatives in this area.

### Members of the Alliance VC:

Login to the CHVI R&D Alliance Virtual Community, click on the Register for Events tab.

### Not yet an Alliance VC member?

Contact [aco-projects@icid.com](mailto:aco-projects@icid.com) to register for the webinar.