

Saunders Group

- Sex steroids are 'master regulators' of health and of disorders including cancer and endometriosis
- Sex steroid receptors function as ligand-activated transcription factors
- Fine-tuning of steroid hormone action is regulated by local (enzyme) metabolism within tissues (intracrinology)
- The endometrium is a sex-steroid dependent tissue that provides a model organ in which to study
 - Inflammatory processes/immune cell phenotypes
 - Differentiation and transdifferentiation of stem/progenitors (MET/EMT)
 - Mechanisms of scarless tissue repair
 - Drugs that target steroid receptors

Impacts of steroid hormone ligands and receptors on reproductive (and general) health

