1











Steroid regulation	on of implantation
Strong evidence Brief receptive window Progesterone plays a key role ERα-PR co-regulation Key processes include stromal cell decidualisation inflammation vessel maturation PR antagonists increase oxprossion of AP	Emerging evidence Local biosynthesis of steroids is important Oestrogens play a role in inflammatory processes AR dependent gene expression may alter receptivity ERRs mediate stromal cell function







































































Future challenges

- Modelling human endometrial function
 - Functional vs basal
 - Progenitors and regeneration
 - Angiogenesis and differentiation
 - Rodent models good/bad/indifferent?
 - Human tissue xenografts vs primates?
- Harnessing new technologies to inform our studies
 - Proteomics vs genomics
 - In silico networks

