

Gibson Group

- **Endometrial repair** is essential for reproductive health and ongoing fertility.
- Deficits in **endometrial repair** are associated with reproductive health disorders that affect millions of women (1 in 3 in the UK).
- **Hormones** are unbalanced in reproductive health disorders which can disrupt tissue repair.
- **Macrophages** are essential mediators of tissue repair but our knowledge of how they are regulated in the endometrium is limited.
- Our research focuses on understanding how **hormones** (focussing on androgens) can control **macrophage** function during endometrial repair.

We aim to understand:

1. how macrophages are regulated in endometrial repair,
2. how their function may be altered in response to hormones (androgens), and
3. how this can impact on women's reproductive health.

Hormones | Inflammation | Repair

