Members of the transforming growth factor-β (TGF-β) protein superfamily play key roles in the regulation of cellular growth and differentiation. These proteins have documented roles in embryogenesis and reproduction, as well as wound healing, immune function, fibrosis and tumour progression. Our group has a long-term interest in understanding the mechanisms that govern the regulation of individual members of the TGF-β family and their impact on biological activity.

**Research Projects**

1. **Targeting activin to combat life-threatening cancer cachexia**
2. **Therapeutic potential of TGF-β proteins for the diagnosis and treatment of female infertility**
3. **Inhibins as therapeutics for osteoporosis and sarcopenia**

**Selected significant publications:**


