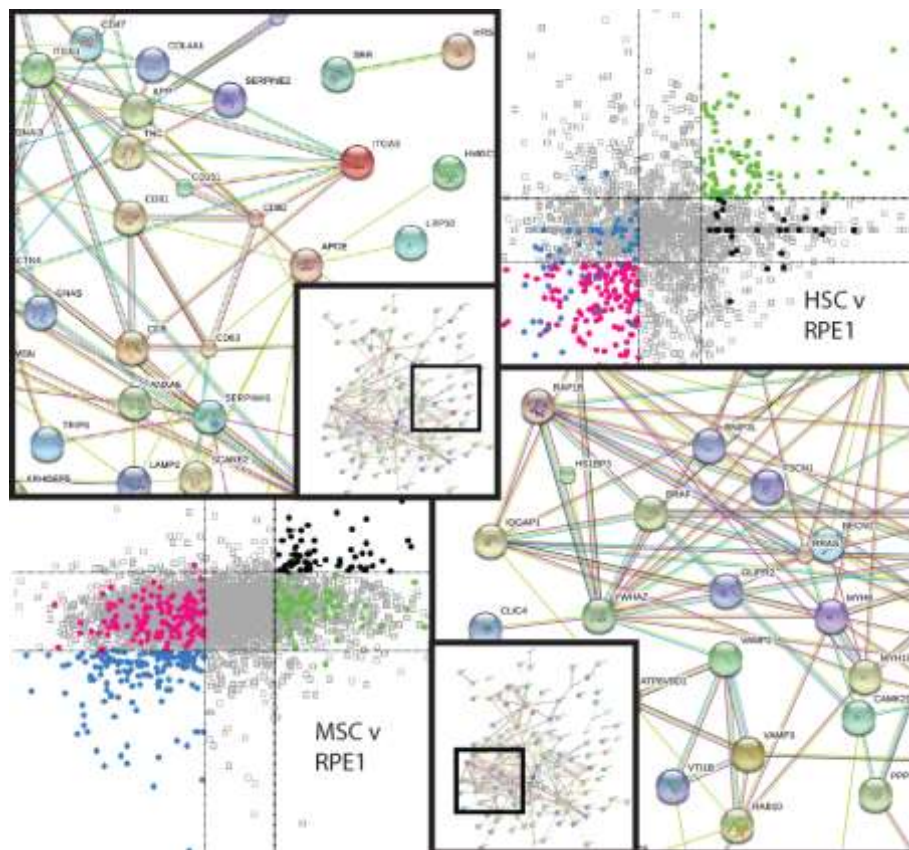
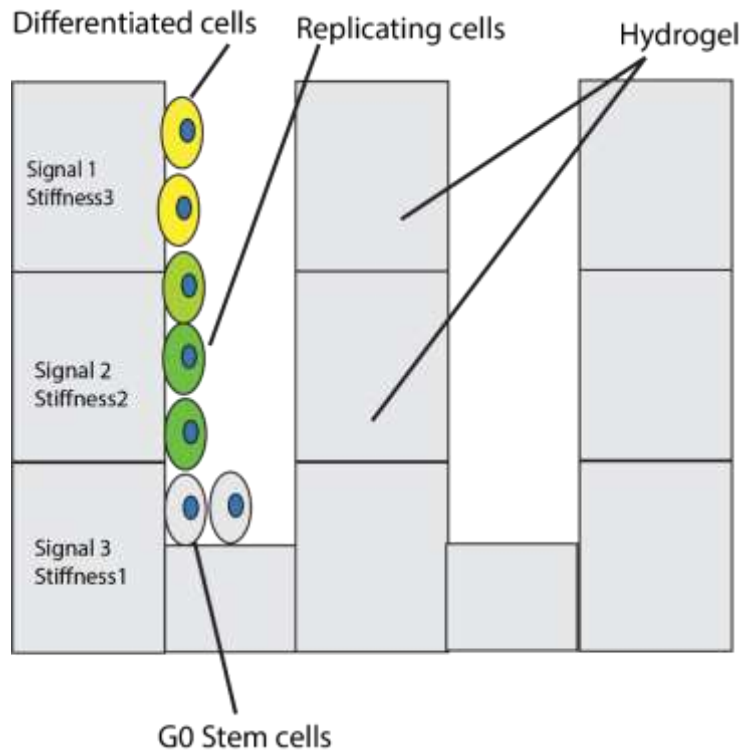


## Specific Research Areas

- Stem cell differentiation
- Stem cell niche
- Extracellular matrix biology
- Cell cycle
- Intracellular trafficking
- Cell signalling
- Infection and immunity
- Microbiome
- Proteomics, transcriptomics, pathway analysis
- Microscopy, especially high throughput imaging and confocal microscopy



*Example of a signal network where we try to identify signals that interact in the immediate environment of the cell to control stem cell behaviour*



*Cartoon representation of a material on which stem cells can grow so that tissue can be grown outside the body. In this case the structure represents the villi ('finger like' structures in the intestine)*