Biography

I am a general surgical registrar in Heath Education England South West deanery with a specialty interest in colorectal surgery. My long-term aim is to combine a consultant practice in colorectal surgery with a translational research programme into colorectal cancer. I aim to provide world class care for patients with colorectal disease and improve outcomes of rectal cancer through personalisation of therapy and surgery using novel molecular techniques.

I have a principal research interest in patients with rectal cancer and importantly, I want to lead research to understand the variations in response to chemoradiation that exist in this patient group. The focus of this research will build on data acquired through my PhD, centering on understanding how an important inflammatory signalling pathway (NF-κB pathway) drives therapy resistance. Understanding this would enable significant steps forward in the management and outcomes for patients with this disease.

My focus is to continue to develop my expertise in clinical colorectal surgery leading to the achievement of a CCT in general surgery with subspecialty colorectal surgery, whilst also advancing and obtaining skills for the design and implementation of high-quality research studies into the response of rectal cancers to chemoradiation.