

## Postdoctoral Research Associate

Starting salary: £32,600-£37,658 per annum  
Post available for 3 years

### The mechanobiology of cell-matrix adhesions

We are seeking a highly motivated individual to join the Cell Adhesion and Migration Group led by Dr Ben Goult, who use structural and biophysical methods to explore how adhesion between cells and the extracellular matrix enables cells to sense and respond to mechanical force.

The successful applicant will use X-Ray Crystallography and NMR in conjunction with single molecule approaches to characterise a number of newly-identified protein:protein complexes critical for adhesion signalling and force sensing.

This information will help define how mechano-sensitive proteins, such as talin, recruit different signaling molecules in response to varying mechanical cues, and how mechano-signalling is misregulated in cancer.

This multi-disciplinary project involves collaborations with the Mechanobiology Institute in Singapore, cell biologists at the Universities of Utrecht and fly geneticists at the University of British Columbia (Vancouver).

Informal enquiries:

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<http://www.jobs.ac.uk/job/AUD366/>

**Closing date 10<sup>th</sup> April 2016**

Please contact Dr. Ben Goult for more information.  
<http://www.kent.ac.uk/bio/profiles/staff/goult.html>