

## Dr Sarah Essex PhD, MPhil, BSc (Hons) (Int)

Research Fellow

### Contact details

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School of Cancer Sciences

### About

Sarah Essex is a Research Fellow in the School of Cancer Science working for Paul Moss.

Her interests lie in the microenvironment of cancers, specifically that of the bone marrow Multiple Myeloma.

### Qualifications

- PhD Immunology, 2010
- MPhil Cellular and Molecular Immunology and Oncology, 2006
- BSc (Hons) (Int) Biological Sciences, 2005

### Biography

Sarah Essex qualified with a BSc (Hons) (Int) in Biological Sciences with an Intercalated Year from the University of Warwick in 2005. She went on to study for an MPhil in Cellular and Molecular Oncology at the University of Birmingham, before completing a PhD in Immunology in 2010, also at the University of Birmingham.

Sarah continues to work at the University of Birmingham, undertaking research into Multiple Myeloma in the School of Cancer Studies.

### Teaching

Small group tutor on Cancer: causes to cures, for 2nd Year Medical Students.

### Research

#### Research Themes

Multiple Myeloma biology, mesenchymal stem cell biology.

#### Research Activity

The bone marrow microenvironment in Multiple Myeloma

### Other activities

Sarah Essex is a regular participator in CRUK charity events, including lab tours, the Race for Life and school visits. She is also a STEM ambassador, promoting science to the younger generations.

### Publications

Hou TZ, Mustafa MZ, Flavell SJ, Barrington F, Jenkinson EJ, Anderson G, Lane PJ, Withers DR and Buckley CD. (2010) Splenic stromal cells mediate IL-7 independent adult lymphoid tissue inducer cell survival. *European Journal of Immunology* 40(2):359-365.

Flavell SJ, Hou TZ, Lax S, Filer AD, Salmon M and Buckley CD. (2008) Fibroblasts as novel therapeutic targets in chronic inflammation. *British Journal of Pharmacology* 153: 241-246.