

## Research activity


Here is a list of all the research activity pages:

### Generic List

[A \(/research/activity/chemistry/britton/index.aspx?AZListing\\_AtoZLetter=i&AZListing\\_List\\_GoToPage=1&stylemediatype=print\)](#) [2 \(/research/activity/index.aspx?AZListing\\_AtoZLetter=i&AZListing\\_List\\_GoToPage=2&stylemediatype=print\)](#) [3 \(/research/activity/index.aspx?AZListing\\_AtoZLetter=i&AZListing\\_List\\_GoToPage=3&stylemediatype=print\)](#) [4 \(/research/activity/index.aspx?AZListing\\_AtoZLetter=i&AZListing\\_List\\_GoToPage=4&stylemediatype=print\)](#) [Next \(/research/activity/index.aspx?AZListing\\_AtoZLetter=i&AZListing\\_List\\_GoToPage=3&stylemediatype=print\)](#)

**[index \(/research/activity/chemistry/britton/index.aspx\)](/research/activity/chemistry/britton/index.aspx)**

Melanie Britton's research group page.




**[Indoor Contamination with Flame Retardant Chemicals: Causes and Impacts \(INFLAME project\) \(/research/activity/inflame/index.aspx\)](/research/activity/inflame/index.aspx)**



**[Industry engagement \(/research/activity/mds/industry-engagement/index.aspx\)](/research/activity/mds/industry-engagement/index.aspx)**

Information on industry engagement support for researchers in the College of Medical and Dental Sciences at the University of Birmingham.




**[Inflame Consortium only \(/research/activity/inflame/consortium-only/index.aspx\)](/research/activity/inflame/consortium-only/index.aspx)**

INFLAME consortium only webpages.




**[Inflammation and Inflammatory Disease \(/research/activity/mds/domains/immunity-infection/inflammation-biology/index.aspx\)](/research/activity/mds/domains/immunity-infection/inflammation-biology/index.aspx)**

Chronic inflammation drives diseases from rheumatoid arthritis, atherosclerosis and obesity to immune mediated tissue destruction and scarring of the liver and kidney. It is thus a major cause of chronic disease, morbidity and mortality in the UK. In Birmingham we are elucidating the pathophysiological mechanisms through multidisciplinary translational research. Our internationally recognised research in immune regulation, including cross-cutting expertise in cell trafficking and cellular interactions within tissue microenvironments, underpins a process driven analysis of human disease pathogenesis. The work is integrated with and supported by clinical studies of well-characterised patient cohorts. Knowledge gained from our research is being used to improve the delivery of treatment through the application of biomarkers to characterise, monitor and treat disease and the identification of new therapeutic targets. Our focus is on inflammatory diseases of the joint, eye, liver and kidney.



**[Information for investigators \(/research/activity/mds/projects/HaPS/PCCS/partners2/investigators/index.aspx\)](/research/activity/mds/projects/HaPS/PCCS/partners2/investigators/index.aspx)**




**[Information for participants \(/research/activity/mds/projects/HaPS/PCCS/partners2/participants/index.aspx\)](/research/activity/mds/projects/HaPS/PCCS/partners2/participants/index.aspx)**



**[Information for Participants \(/research/activity/mds/trials/pccrtu/trials/cdr/participants/index.aspx\)](/research/activity/mds/trials/pccrtu/trials/cdr/participants/index.aspx)**


Information for participants of the Chronic Disease Research into Diabetes Study, and for those considering taking part.



**[Information for patients and the public \(/research/activity/mds/projects/HaPS/PHEB/BLISS/info-patients/index.aspx\)](/research/activity/mds/projects/HaPS/PHEB/BLISS/info-patients/index.aspx)**



**[Information for researchers and clinicians \(/research/activity/mds/projects/HaPS/PHEB/BLISS/info-researchers/index.aspx\)](/research/activity/mds/projects/HaPS/PHEB/BLISS/info-researchers/index.aspx)**



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