

**List of possible topics and departments for an Ansell fellowship for circulation to all BSPAR trainees, and BSPAR members as whole. Nov 2009**

<b>Place/Centre</b>	<b>Topic/area/concepts</b>	<b>Contact name</b>	<b>E mail</b>
University of Manchester	<b>Biologics in Children with Rheumatic Diseases</b> - there is the potential for a number of analyses on the short and long term safety and efficacy of biologics in children. Although initially work would focus on children treated with etanercept, further recruitment of both etanercept and non-etanercept biologics is ongoing, thus increasing the potential work in this area.	Kimme Hyrich	Kimme.hyrich@manchester.ac.uk
University of Manchester	<b>Short and long term outcome of children with JIA.</b> Since 2001 the Childhood Arthritis Prospective Study (CAPS) has been recruiting children with new onset inflammatory arthritis with a view to studying longterm outcome. Detailed information, including clinical and genetic, dating from the first paediatric rheumatology visit and collected regularly thereafter is available for analysis. The study would attract both those interested in clinical and/or genetic epidemiological analyses.	Kimme Hyrich or Wendy Thomson	<a href="mailto:Kimme.hyrich@manchester.ac.uk">Kimme.hyrich@manchester.ac.uk</a> <a href="mailto:Wendy.thomson@manchester.ac.uk">Wendy.thomson@manchester.ac.uk</a>
Institute of Child Health UCL /GOSH, London	<b>Juvenile dermatomyositis</b> : several projects available, through the UK JDM Cohort study/JDRR, ranging from <b>clinical</b> research on JDM treatment complications and outcomes, or biomarker and imaging studies, and through to more <b>laboratory based</b> work on muscle biology including muscle stem cells, inflammatory	Lucy Wedderburn	<a href="mailto:L.Wedderburn@ich.ucl.ac.uk">L.Wedderburn@ich.ucl.ac.uk</a>

	mediators in JDM, and JDM autoantibodies.		
Institute of Child Health UCL /GOSH, London	<b>Juvenile Idiopathic arthritis:</b> <ol style="list-style-type: none"> <li>1. several laboratory based immunology projects about the role of immune regulation and inflammation in severity of JIA;</li> <li>2. large cohort study about response to MTX, CHARMS. There are three parts to this study; genetic, immunological and psychological, so a wide range of possible projects are available</li> </ol>	Lucy Wedderburn	<a href="mailto:L.Wedderburn@ich.ucl.ac.uk">L.Wedderburn@ich.ucl.ac.uk</a>
Institute of Child Health UCL /GOSH, London	<b>Vasculitis:</b> set up of a clinical trial of MMF versus cyclophosphamide for the induction of remission of PAN ("MYPAN") trial.	Paul Brogan	<a href="mailto:p.brogan@ich.ucl.ac.uk">p.brogan@ich.ucl.ac.uk</a>
Centre for Rheumatology, University College London Hospital	<b>Juvenile SLE and Antiphospholipid Syndrome.</b> Project being set up to profile in detail cardiovascular risk in these at risk patients. Also immunoprofile APS and antiphospholipid antibodies in JSLE to delineate any differences between children and adults with these antibodies. At the basic science level, ample opportunity to be involved in a large ongoing research programme, with focus on JSLE and APS autoantibody effects on target cell function and signaling cascades.	John Ioannou	<a href="mailto:j.ioannou@ich.ucl.ac.uk">j.ioannou@ich.ucl.ac.uk</a>
Centre for Rheumatology, University College London Hospital	<b>Enthesitis Related Arthritis</b> Clinical database including parameters of disease activity and prognosis is being created. Novel MRI techniques to aid diagnosis, prognosis and response to treatment are being studied and developed in this disease where very little research has been done in the past. The infrastructure for long term follow up into adulthood	John Ioannou Debajit Sen	<a href="mailto:j.ioannou@ich.ucl.ac.uk">j.ioannou@ich.ucl.ac.uk</a> <a href="mailto:debajit.sen@uclh.nhs.uk">debajit.sen@uclh.nhs.uk</a>

	has been created to determine the natural history of this disease, disease outcomes and optimal treatment. Laboratory based research offers the opportunity to also profile cytokine networks in ERA, with the ultimate aim of defining novel predictors and targets.		
Queens University Belfast Paed Rheum Service Musgrave Hospital Belfast	<b>Juvenile Idiopathic Arthritis.</b> Several projects available through our new diagnosed <b>JIA</b> cohort study: 1. Predictors of outcome both clinical and laboratory. Biomarkers in plasma; SF and synovial tissue; both immunohistochemical studies on tissue and proteomic biomarkers in SF and Plasma. 2. The use of MS Ultrasound in predicting outcome. Analysis of US findings pre and post Rx. US Doppler in the measurement of tissue inflammation and Enthesitis. Comparative analysis with MRI	Madeleine Rooney	<a href="mailto:m.rooney@gub.ac.uk">m.rooney@gub.ac.uk</a>
Yorkhill Childrens Hospital/Glasgow University, Glasgow	<b>Juvenile Idiopathic Arthritis and Uveitis .</b> An opportunity to develop a project/s around the current CAPS data set of 1000 children to explore uveitis, risk factors for uveitis and screening in JIA. Enquires from both rheumatology and ophthalmology trainees with an interest in JIA uveitis would be suitable.	Janet Gardner-Medwin	<j.gardner-medwin@clinmed.gla.ac.uk>
Yorkhill Children's Hospital/Glasgow Caledonian University, Glasgow	<b>A project in JIA</b> looking in detail at musculoskeletal ultrasound in JIA, which would include taking part in a formal one year intensive training programme in MSK ultrasound linked to Glasgow Caledonian University, which would	Janet Gardner-Medwin	<j.gardner-medwin@clinmed.gla.ac.uk>

	provide the trainee with good clinical and research MSK USS skills, as well as an opportunity to develop a research project in this area.		
Newcastle University Newcastle upon Tyne	Several projects around an “ <b>Access to care</b> ” theme (exploring barriers and drivers to referral in rheumatic disease) with development and evaluation of interventional strategies – currently based around Juvenile Idiopathic Arthritis theme but transferable to other conditions.	Helen Foster	<a href="mailto:h.e.foster@ncl.ac.uk">h.e.foster@ncl.ac.uk</a>
Newcastle University Newcastle upon Tyne	<b>Educational research</b> to promote early recognition of rheumatic disease (including undergraduate and postgraduate education across primary and secondary care), involving implementation and evaluation of educational tools, including e-tools, in teaching, learning and assessment.	Helen Foster	<a href="mailto:h.e.foster@ncl.ac.uk">h.e.foster@ncl.ac.uk</a>
Newcastle University Newcastle upon Tyne	<b>Young adults with JIA</b> – a number of clinical projects, based around outcomes and transitional care beyond transfer to adult services. Additional opportunity for links to develop carotid artery US imaging and cardiovascular risk evaluation in this patient group.	Helen Foster	<a href="mailto:h.e.foster@ncl.ac.uk">h.e.foster@ncl.ac.uk</a>
West Midlands Paediatric Rheumatology Network, Stoke, Telford	<b>Does a managed network improve the patient care for children and young people with JIA?</b>	Kathy Bailey	<kathryn.bailey@geh.nhs.uk>
Institute of Child Health, Department of Clinical Academic	<b>Juvenile-onset systemic lupus erythematosus:</b> several projects available, through the UK JSLE Cohort Study and Repository, ranging from	Michael Beresford	<a href="mailto:m.w.beresford@liverpool.ac.uk">m.w.beresford@liverpool.ac.uk</a>

Paediatric Rheumatology, Alder Hey Children's Hospital	<b>clinical</b> research on clinical characteristics, disease activity measures and treatment outcomes, or more <b>laboratory based</b> work on innate and adaptive immune Dysregulation in this archetypal systemic autoimmune disease		
Department of Paediatric Rheumatology, Alder Hey Children's Hospital	<b>Juvenile onset localised scleroderma:</b> a project to assist with the setting up of a UK national cohort and repository study. The study will initially focus on collecting and validating proposed <b>clinical</b> outcome measures in preparation for a clinical trial of medication but could also include a laboratory based component looking at auto-antibodies in a collaborative way, with a possible skin biopsy component	Eileen Baidam	eileen.baidam@alderhey.nhs.uk
Department of Paediatric Rheumatology, Alder Hey Children's Hospital	<b>JIA-related Uveitis:</b> a project working closely with the Department of Ophthalmology, to interrogate and analyse a prospective database of JIA patients attending for uveitis screening and follow up, exploring specifically efficacy of oral versus subcutaneous methotrexate (MTX), evidence to support MTX in JIA-uveitis; effect of providing prophylaxis in terms of uveitis, treatment responses in JIA and non JIA uveitis.	Dr Gavin Cleary	Gavin.cleary@alderhey.nhs.uk