

Scientific Program

36th EUROPEAN WORKSHOP FOR RHEUMATOLOGY RESEARCH

Conference Centre at the York Royal Hotel, York, U.K.

February 25 – 27, 2016

Thursday, February 25, 2016	
10:00-18:00	ARRIVAL AND EWRR REGISTRATION
10:30-16:00	STUDY GROUP SESSIONS
10:30-12:00	Room: Wedgewood Study Group: Risk Factors for RA (SGRFRA) Chair: Karim Raza, Diane van der Woude
13:00-14:30	Room: Wedgewood Study Group: Osteoarthritis Chair: Peter van der Kraan
13:00-14:30	Room: Crown Study Group: Synovitis (ESSG) Chair: Costantino Pitzalis, Douglas Veale
14:30-16:00	Room: Wedgewood Study Group: Gene and Cell Therapy (GCTSG) Chair: Christian Jorgensen
14:30-16:00	Room: Crown Study Group: Autoantibodies Chair: Johann Rönnelid
16:00-16:30	Coffee Break
16:30-16:40	OPENING REMARKS EWRR 2016 Frederique Ponchel and Paul Emery
16:40-18:10	WORK SHOP I: INNATE IMMUNITY Chair: Michael McDermott, Ursula Fearon
16:40-17:10	<i>Metabolic reprogramming and inflammasome: new frontiers in rheumatoid arthritis research</i> Luke O'Neill
17:10-17:40	<i>Nucleic-acid mediated inflammation in systemic autoimmune disease</i> Andrew Jackson
17:40-17:50	Abstract Presentations <i>Activation of TLR4 by Dysbiotic Intestinal Microbiota Following IL-1 Receptor Antagonist Deficiency Triggers TH17-Mediated Arthritis</i> Rebecca Rogier
17:50-18:00	<i>FNα Mediated Deregulation of Mitochondrial DNA Clearance as an Inciting Event for the development of SLE Autoimmunity</i> Panayotis Verginis
18:00-18:10	<i>Normal and Rheumatoid Arthritis Neutrophil Extracellular Traps Are Both Pro- And Anti-Inflammatory Via Mechanisms involving The C1q Complement Protein But Independently Of ACPA, LL-37 Or The Inflammasome</i> Patrice Decker

18:10-19:00	OPENING LECTURE Huang Sui
19:00	Special entertainment Departure for Networking Dinner at the River House (19.30)

08:30-18:00	Friday, February 26, 2016
07:00-08:30	Poster mounting for Day 1
08:30-10:00	Workshop II: ADAPTIVE IMMUNITY Chair: Vivianne Malmström, Mohini Gray
08:30-09:00	<i>T cell impairment as a common denominator in rheumatoid arthritis and ageing</i> Ewa Bryl
09:00-09:30	<i>Novel regulators of pro-inflammatory function in Th17 cells</i> Vijay Kuchroo
09:30-09:40	Abstract Presentations <i>Immature Dendritic Cells Are Potent Osteoclasts Precursors in RA and Are Targeted by RA-Specific Antibodies</i> Yanying Liu
09:40-09:50	<i>Tfh-Like Cells in the RA Synovium are Selectively Associated with IL-21 Production and Ectopic Lymphoid Structures</i> Nikola Lepse
09:50-10:00	<i>B Cells Regulate Follicular Helper T cells in Healthy Individuals and Sjögren's Patients but are Defective in SLE Patients</i> Christophe Jamin
10:00-10:30	Coffee Break + Poster viewing
10:30-12:00	WORKSHOP III: PRE-RA Chair: Mike Holers, Laura Hunt
10:30-11:00	<i>Insights into pathogenesis of early rheumatoid arthritis from studies of at-risk populations</i> Mike Holers
11:00-11:30	<i>Novel insights in the early pathogenic mechanisms of seropositive rheumatoid arthritis</i> Anca Catrina
11:30-11:40	Abstract Presentations <i>Formation of Novel Citrullinated Peptides by Porphyromonas gingivalis PAD Enzyme: Implications for Autoimmunity in Rheumatoid Arthritis</i> Anna Montgomery
11:40-11:50	<i>Distinct Expression Pattern of Peripheral Tissue-Restricted Antigens in Human Lymph Node Stromal Cells During the Earliest Phases of Rheumatoid Arthritis</i> Janine Hähnlein
11:50-12:00	<i>The Lung Microbiome in Rheumatoid Arthritis and Associated Local/Systemic Autoimmunity</i> Vijay Joshua
12:00-13:00	Lunch + Poster viewing
13:00-14:00	City of York guided tour (by day light)
14:00-15:00	Poster Tour Day 1

15:00-16:30	WORKSHOP IV: REGENERATIVE MEDICINE Chair: Rik Lories, Danièle Noël
15:00-15:30	<i>The synovium as a stem cell niche for joint repair</i> Cosimo De Bari
15:30-16:00	<i>Mesenchymal stem/stromal cells for modulation of osteoarthritis: from bench to phase II clinical testing</i> Mary Murphy
16:00-16:10	Abstract Presentations <i>T cells are Critical Regulators of Soft Callus Mineralization and Normal Deposition of Collagen I During Bone Repair</i> Alessandro Serra
16:10-16:20	<i>IL-22 Impact on Human Bone Marrow Mesenchymal Stem Cells Functions; A Unique Pathway that May Contribute to Aberrant New Bone Formation in Human SpA</i> Yassser El-Sherbiny
16:20-16:30	<i>Adipokines Affect Differentiation of Osteoarthritis and Osteoporosis Spongiosa-Derived Mesenchymal Stromal Cells</i> Lali Tsiklauri
16:30-17:00	Coffee Break + Poster viewing
17:00-18:30	WORKSHOP V: IMAGING Chair: Philip Conaghan, Maria Antonietta D'Agostino
17:00-17:30	<i>Digital imaging to learn about pathology: Reverse translational research in Raynaud's and Scleroderma</i> Francesco del Galdo
17:30-18:00	<i>Using statistical shape modelling to better understand and measure musculoskeletal disease</i> Mike Bowes
18:00-18:10	Abstract Presentations <i>The Relationship Between Total Knee Replacement and 3D MRI Knee Bone Shape: Data From the Osteoarthritis Initiative</i> Andrew Barr
18:10-18:20	<i>Monitoring Therapy Response of Experimental Arthritis with Radiolabeled Tracers Targeting Fibroblasts, Macrophages or Integrin $\alpha\text{v}\beta\text{3}$</i> Marije Koenders
18:20-18:30	<i>Give and Take: Evidence for Transfer of Mitochondria Via Nanotubes in Fibroblast-like Synoviocytes</i> Ruth Byrne
18:30-19:00	Poster dismounting / mounting for Day 2
19:00	Networking Dinner at the National Railway Museum

08:30-19:00	Saturday, February 27, 2016
07:00-08:30	Poster mounting for Day 2
08:30-10:00	WORKSHOP VI: OMICS Chair: John Isaacs, Jim Robinson
08:30-08:50	<i>Sequencing antibody repertoires to decipher pathogenic mechanisms in autoimmunity</i> Bill Robinson
08:50-09:10	<i>Genomics and clinical outcome in immune-mediated disease: a distinct biology of prognosis</i> Ken Smith
09:10-09:30	<i>You are what you eat and you eat what you are: Metabolomic studies on chronic inflammatory disease</i> Steve Young
	Abstract Presentations
09:30-09:40	<i>Somatic Mutations in Clonally Expanded CD8+ T cells in Patients with Newly Diagnosed Rheumatoid Arthritis</i> Tiina Kelkka
09:40-09:50	<i>Transcriptome Profiling by Next Generation Sequencing of Hematopoietic Progenitors in Murine Systemic Lupus Erythematosus (SLE)</i> Aggelos Banos
09:50-10:00	<i>Physiological Evidence for Diversification of IIFNα- and IFNβ-mediated Response Programs in Different Autoimmune Diseases</i> Tamarah de Jong
10:00-10:30	Coffee Break
10:30-12:00	WORKSHOP VII: NOVEL THERAPIES Chair: Gabriel Panayi, Paul Emery
10:30-10:50	<i>Biomarkers reinforce clinical data for patient responsiveness in RAGULA, the first-in-human clinical trial for Rasolvir™ in rheumatoid arthritis</i> Valerie Corrigal
10:50-11:10	<i>A novel pathway for the regulation and resolution of arthritis</i> Georg Schett
11:10-11:30	<i>Towards prevention of RA by B cell directed therapy: the PRAIRI study</i> Paul-Peter Tak
	Abstract Presentations
11:30-11:40	<i>Abrogation of Collagen-Induced Arthritis by a Second Generation Peptidyl Arginine Deiminase Inhibitor is Associated with a Shift From Th1/Th17 to Th2-Mediated Immune Responses</i> Joanna Kawalkowska
11:40-11:50	<i>Distinct Expression of IL-36α, b, g and their Antagonists IL-36Ra and IL-38 in Psoriasis, Rheumatoid Arthritis (RA) and Crohn's disease (CD)</i> Marie-Astrid Boutet
11:50-12:00	<i>Novel Agents for Blocking the Interaction of Immune Complexes with the Activatory FcγR11a Receptor</i> Euan Baxter

12:00-13:00	Lunch + Poster viewing Meeting of the International Advisory Board
13:00-14:00	Poster Tour Day 2
14:00-15:30	WORKSHOP VIII: EPIGENETICS Chair: Stephen Eyre, Caroline Ospelt
14:00-14:30	<i>Epigenomics and the cancer patient journey</i> Robert Brown
14:30-15:00	<i>The role of fibroblast subsets in the persistence of inflammation</i> Chris Buckley
15:00-15:10	Abstract Presentations <i>Methyl Cap Binding protein 2 (MeCP2) in systemic sclerosis</i> Steven O'Reilly
15:10-15:20	<i>Differential Methylation as a Biomarker of Response to Etanercept in Patients with Rheumatoid Arthritis</i> Darren Plant
15:20-15:30	<i>Cell Death Sensitization in TNF-exposed ikk2-deficient Synovial Fibroblasts Regulates Disease Outcome in Modeled Arthritis</i> Maria Armaka
15:30-16:00	Coffee Break
16:00-17:30	WORKSHOP IX: CTD Chair: Dimitrios Boumpas, Florence Apparailly
16:00-16:30	<i>The paradoxical roles of C1q and C3 in autoimmunity</i> Marina Botto
16:30-17:00	<i>Epigenetic control of fibrosis</i> Derek Mann
17:00-17:10	Abstract Presentations <i>Characterization of Extracellular Histidyl-tRNA Synthetase in Myositis</i> Per-Johan Jakobsson
17:10-17:20	<i>Distinct Subsets of Interferon-Stimulated Genes Are Associated with Incomplete and Established Systemic Lupus Erythematosus</i> Antonios Psarras
17:30-18:15	Closing Lecture Sir Alex Markham
18:15-18:45	Awards and closing remarks, Athens 2017
19:15	Departure for Networking Dinner at the Adventure Merchant Hall

	Sunday, February 28, 2016
	DEPARTURE