



BRITISH ATHEROSCLEROSIS SOCIETY

Medical Sciences Teaching Centre / Magdalen College • Oxford, UK
Thursday 22 - Friday 23 March 2007

2007 SPRING MEETING POSTER SESSION

An opportunity exists during lunch on Thursday 22 March to discuss the posters with the abstract authors.

- 1 **MECHANISM OF INDUCTION OF HAEMOSTATIC GENES IN MONOCYTES BY ACTIVATED PLATELETS**
D Chan, JR Wright, V Codd, NW Chong, AH Goodall
Department of Cardiovascular Sciences, University of Leicester
- 2 **EXERCISE TRAINING ENHANCES ENDOTHELIAL NOS ACTIVITY ONLY IN THE PRESENCE OF PREEXISTING VASCULAR DISEASE**
J de Bono, K Channon
Department of Cardiovascular Medicine, University of Oxford, John Radcliffe Hospital, Oxford
- 3 **ROSIGLITAZONE RETARDS THE DEVELOPMENT OF AORTIC ANEURYSMS IN APO E DEFICIENT MICE**
A Jones, M Dunkley, H Nasr, E Torsney, E Choke, I Loftus, M M Thompson, GW Cockerill
- 4 **THE ROLE OF HDACs IN STEM CELL DIFFERENTIATION TOWARD ENDOTHELIAL AND SMOOTH MUSCLE CELLS IN VITRO AND IN VIVO**
A Margariti, Q Xiao, Y Hu, L Zeng, Q Xu
Cardiovascular Division, King's College London
- 5 **PROTEOMICS AND METABOLOMICS ON MICROPARTICLES DERIVED FROM HUMAN ATHEROSCLEROTIC PLAQUES**
M Mayr¹, U Mayr¹, AS Leroyer², X Yin¹, B Madhu³, Q Xu¹, A Tedgu², C Boulanger²
¹King's College, London, UK ²INSERM Cardiovascular Research Center Lariboisière, Paris, F, ³Cancer Research UK, Cambridge
- 6 **UTILITY OF USPIO AS A DUAL CONTRAST AGENT ABLE TO IDENTIFY FIBROUS CAP AND INFLAMMATORY BURDEN ON HIGH RESOLUTION MR IMAGING: A COMPARISON OF SYMPTOMATIC AND ASYMPTOMATIC INDIVIDUALS**
T Tang, SPS Howarth, MI Graves, IM U-King-Im, Z Y Li, JH Gillard
University Department of Radiology, Cambridge University Hospital NHS Foundation Trust, Cambridge
- 7 **ACUTE FAT FEEDING RECAPITULATES GENE EXPRESSION AND INFLAMMATORY EVENTS IN OBESE ADIPOSE TISSUE VIA PRODUCTION OF REACTIVE OXYGEN SPECIES**
P Thomason², C Blancher¹, X Li², A Rothwell¹, J Fearnside¹, S Wilder¹, E Nye¹, R Tatoud², V Blanc², G Stamp², D Gauguier¹, J Scott²
¹ Wellcome Trust Centre for Human Genetics, University of Oxford ² Faculty of Medicine, Imperial College London
- 8 **THE RAS IS IMPLICATED IN AAA DISEASE. META-ANALYSIS LEADING TO A TARGETED CANDIDATE GENE STUDY**
A Thompson^{1,2}, JA Cooper¹, SE Humphries¹, F Drenos¹, H Hafez², GT Jones³, AM van Rij³
1) Centre for Cardiovascular Genetics, UCL 2) Department of Vascular Surgery, St Richard's Hospital 3) Vascular Research Group, Dept Surgery, University of Otago
- 9 **IL18 HAPLOTYPES ARE ASSOCIATED WITH DIFFERENCES IN IL-18 PRODUCTION BEFORE AND AFTER CABG SURGERY, AND COULD PLAY A ROLE IN INTER-RACIAL DIFFERENCES IN DISEASE SUSCEPTIBILITY**
SR Thompson(1), D Novick(2), K Veeramah(3), M Thomas(3), N Bradman(3), M Rubinstein(2), SE Humphries(1)
(1) Centre for Cardiovascular Genetics, Rayne Institute, University College London; (2) Department of Molecular Genetics, The Weizmann Institute of Science, Rehovot, Israel; (3) The Centre for Genetic Anthropology, Department of Biology, University College London
- 10 **N-3 POLYUNSATURATED FATTY ACIDS IN FISH OILS INHIBIT RECRUITMENT OF FLOWING LEUKOCYTES TO ENDOTHELIAL CELLS**
SP Tull, CM Yates, T Luu, J Madden, P Calder, RF Grimble, GE Rainger
Cardiovascular Sciences, Department of Physiology, The University of Birmingham, Edgbaston, Birmingham
- 11 **ENHANCED MONOCYTE IL-1 β RELEASE THROUGH ACTIVATION OF ENDOTHELIAL CELL TLR4: EVIDENCE FOR BIDIRECTIONAL CROSSTALK IN COCULTURE**
JR Ward, SE Francis, L Marsden, DC Crossman, I Sabroe
Cardiovascular research unit, The University of Sheffield, Royal Hallamshire Hospital, Sheffield
- 12 **THE CX₃C CHEMOKINE FRACTALKINE ACTS VIA AN ERK-DEPENDENT MECHANISM TO INDUCE HUMAN CORONARY ARTERY SMOOTH MUSCLE CELL PROLIFERATION**
GE White, AE John, DR Greaves
Sir William Dunn School of Pathology, University of Oxford, Oxford

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