

# AAS ASM PROGRAM 2015

WEDNESDAY - 21 October				
08:00 - 15:30	REGISTRATION DESK OPEN			Museum Foyer
09:00 - 10:15	<b>Session 1: CELLULAR MECHANISMS IN ATHEROSCLEROSIS</b> CHAIRS: Mary Kavurma and Hamid Hosseini			Lecture theatre
9:00	1	Alex Bobik	B Cell Humoral Immunity in Atherosclerosis	
9:30	2	Andrew Murphy	Diabetes increases reticulated platelets due to enhanced proliferation and expansion of bone marrow megakaryocyte progenitors	
9:45	3	Steve Gieseg	Oxidant and neopterin generation within macrophages exposed to OXLDL	
10:00	4	Julie Proudfoot	F2-isoprostanes affect macrophage migration	
10:15 - 10:45	Morning tea and poster viewing			Function room and Balcony
10:45 - 12:05	<b>Session 2: STUDENT AWARDS SESSION</b> CHAIRS: Heather Medbury and Dmitri Sviridov			Lecture theatre
10:45	5	Lauren Blekkenhorst	Green leafy vegetables and cardiovascular mortality in elderly women: a prospective cohort study	
10:55	6	Aimee Brown	Exploring variation within the Kringle IV2 repeat of lipoprotein(a)	
11:05	7	Liming Hou	Regulation of pancreatic beta cell gene expression by ABCA1 and ABCG1	
11:15	8	Dhanya Ravindran	Broad-Spectrum Blockade of Chemokine Activity Suppresses Macrophage Recruitment and Atherosclerosis	
11:25	9	Shrestha Sudichhya	The effects of Cholesteryl ester transfer protein inhibition on high density lipoprotein (HDL) structure and function.	
11:35	10	Laura Vanags	apoA-I suppresses neointimal hyperplasia following balloon angioplasty and stent deployment by modulating neointimal cellular phenotype	
11:45	11	Valene See	Effects of prenatal n-3 fatty acid supplementation on offspring resolvins at birth and at 12 years of age	
11:55	12	Peta King	Plaque microstructures at non-culprit lesions in women: frequency-domain optical coherence tomography analysis.	
12:05 - 12:50	<b>Session 3: EARLY CAREER AWARDS SESSION</b> CHAIRS: Heather Medbury and Dmitri Sviridov			
12:05	13	Yung-Chih Chen	Near Infrared Autofluorescence is a Unique Feature of Vulnerable Atherosclerotic Plaques	
12:20	14	Hamid Hosseini	Activating B1a cells by targeting TIM-1 receptors ameliorates development and progression of established atherosclerosis in hyperlipidemic mice	
12:35	15	Kwok-Leung Ong	Lipids, lipoprotein distribution and depressive symptoms: The Multi-Ethnic Study of Atherosclerosis	
12:50 - 13:30	Lunch and poster viewing			Function Centre and Balcony
13:30 - 15:15	<b>Session 4: INNATE IMMUNE CELLS</b> CHAIRS: Fatiha Tabet and Alex Bobik			Lecture theatre
13:30	16	Bart Staels	Macrophage polarization in atherosclerosis	
14:00	17	Andrew Murphy	Increased glycolytic capacity in CD16+ monocyte subset-derived M2 macrophages is linked to foam cell formation	
14:30	18	Heather Medbury	Monocyte inflammatory profile differs between individuals, and altered lipids may partly contribute to these differences	
15:00	19	Donna Lee Dinnes	Cathepsin B-mediated cleavage of apolipoprotein A-I by human macrophages generates APOA-I with severely impaired anti-atherogenic properties	
15:15 - 15:45	Afternoon tea and poster viewing			Function Centre and Balcony

<b>15:45 - 17:05</b>	<b>Session 5: CLINICAL PERSPECTIVES IN PLAQUE DETECTION</b> CHAIR: Peter Meikle			Lecture theatre
15:45	20	Stephen Nicholls	Detecting the vulnerable plaque in the clinic: how well do we do?	
16:15	21	Karlheinz Peter	Novel technologies towards detection of vulnerable plaques	
16:45		Peter Meikle to lead	Discussion	
<b>17:05 - 17:10</b>	<b>Day 1 - MEETING CLOSE - Peter Meikle</b>			<b>Lecture theatre</b>
<b>17:30 - 19:00</b>	<b>MODERATED POSTER SESSION and WELCOME RECEPTION</b> MODERATORS: Trevor Mori and Bart Staels			Function Centre and Balcony
17:45	22	Valene See	The effect of prenatal omega-3 fatty acid supplementation on offspring cardiometabolic risk factors at birth and at 12-year: a double blind, randomized controlled trial	
17:50	23	Malcom Anastasius	Establishing a new mouse model to assess human hdl function	
17:55	24	Denise Demmer	The relationships between fatness and fitness with the cardio-metabolic risk factors in adolescents from the Raine Study	
	<b>Poster viewing and welcome drinks</b>			Function Centre and Balcony
18:00 - 19:00	25	Radzhi Ikhsan Ahmad	Ficus deltoidea reduces expression of endothelial activation biomarkers on human coronary artery endothelial cells.	Function Centre and Balcony
	26	Mala Ganesan	CETP variations associated with coronary artery disease in south Indians	
	27	Irawati Deasy	Chylomicrons and the atherogenic risk in metabolic syndrome	
	28	Irawati Deasy	Chylomicron size distribution in subjects with fasting hypertriglyceridemia	
	29	Maikke Kockx	Development of mammalian expression systems to study glycosylation of human apolipoprotein E	
	30	Mokhsin Atiqah	Ethnic differences in status of inflammation and endothelial activation in subjects with low HDL-c	
	31	David Sullivan	Long-term safety and efficacy of evolocumab in patients with statin intolerance	

THURSDAY - 22 October				
07:30 - 15:30	REGISTRATION DESK OPEN			Function Centre and Balcony
09:00 - 11:00	<b>Session 1: NUTRITION (Basic and Clinical)</b> CHAIRS : Gerald Watts and Lauren Blekkenhorst			Lecture theatre
09:00	32	Katrina Binger	High salt modulates signaling pathways and cellular processes essential for macrophage activation	
09:30	33	Trevor Mori	n-3 fatty acids as moderators of inflammation	
10:00	34	Peter Clifton	Effect of fructose, sucrose and sucralose in solid meals on postprandial triglyceride in healthy subjects	
10:30	35	Natalie Ward	Low dose dietary nitrate improves endothelial dysfunction in the ApoE <sup>-/-</sup> mouse.	
10:45	36	Kevin Croft	The acute effect of quercetin-3-O-glucoside on blood pressure, endothelial function and NO production in healthy men and women	
11:00 - 11:30	Morning tea and poster viewing			Function Centre and Balcony
11:30 - 13:15	<b>Session 2: CHOLESTEROL METABOLISM</b> CHAIRS: Steven Giesege and Kwok-Leung			Lecture theatre
11:30	37	Dmitri Sviridov	Infections and Cellular Cholesterol Metabolism	
12:00	38	Fatiha Tabet	High-density lipoproteins and intercellular communication	
12:30	39	Katrina Ellis	What is Mutation Negative Familial Hypercholesterolaemia: The Significance of Lp(a)	
12:45	40	Belinda Di Bartolo	HDL Improves Cholesterol and Glucose Homeostasis and Reduces Atherosclerosis in TRAIL <sup>-/-</sup> -ApoE <sup>-/-</sup> mice.	
13:00	41	Sally McCormick	Chemotherapy agents alter plasma lipids in breast cancer patients and show differential effects on lipid metabolism genes in liver cells	
13:15 - 14:00	Lunch and poster viewing			Function Centre and Balcony
14:00 - 15:45	<b>Session 3: COMPLICATIONS ASSOCIATED WITH CVD</b> CHAIRS: Andrew Murphy and Laura Vanags			Lecture theatre
14:00	42	Leon Adams	The role of NAFLD in Atherosclerosis: Important and treatable or insignificant and forgettable	
14:30	43	Bhama Ramkhelawon	Pseudo-hypoxia-induced switch of metabolism in obesity	
15:00	44	Mary Kavurma	Insulin promotes VSMC proliferation and apoptosis via differential regulation of TNF-related apoptosis inducing ligand	
15:15	45	Emilie Mas	Specialised pro-resolving mediators of inflammation in inflammatory arthritis	
15:30	46	Jordan Andrews	Warfarin promotes progressive coronary arterial calcification: insights from serial intravascular ultrasound	
15:45 - 16:15	Afternoon tea and poster viewing			Function Centre and Balcony
16:15 - 17:35	<b>Session 4: CLINICAL PERSPECTIVE</b> CHAIR: Stephen Nicholls			Lecture theatre
16:15	47	Len Kritharides	Efflux potential as a measure of HDL function	
16:45	48	Gerald Watts	International Developments for Improving the Care of FH	
		Stephen Nicholls to lead	Discussion	
17:35 - 17:40	Day 2 - Meeting Close - Stephen Nicholls			Lecture theatre
17:40 - 18:10	AAS ANNUAL GENERAL MEETING			Lecture theatre
19:00 - 22:00	AAS ASM DINNER AND AWARDS Bathers Beach House, 47 Mews Road, Fremantle			

**FRIDAY - 23 October**

08:00 - 13:00	REGISTRATION DESK OPEN			Function Centre and Balcony
09:00 - 11:00	<b>Session 1: INNOVATIVE CONCEPTS IN ATHEROSCLEROSIS</b> CHAIRS: Karlheinz Peter and Yung-Chich Chen			Lecture theatre
9:00	49	Bart Staels	Circadian control of cardiometabolic functions.	
9:30	50	Jean-Sébastien Silvestre	Inflammation and post ischemic tissue remodelling	
10:00	51	Juliana Hamzah	Targeting inflammatory sites within human atherosclerotic plaques that are prone to rupture	
10:15	52	Brendan McQuillan	Cardiovascular risk prediction beyond individual risk factors.	
10:30	53	Mary Kavurma	TRAIL promotes angiogenesis and ischemia-induced neovascularisation via NOX4, H2O2 and nitric oxide	
10:45	54	Steve Giesege	Multienergy X-RAY CT identification of lipid core and calcium mineralisation in excised carotid plaques	
11:00 - 11:30	Morning tea and poster viewing			Function Centre and Balcony
11:30 - 13:00	<b>Session 2: LIPID MANAGEMENT IN CVD</b> CHAIR: Mary Kavurma			Lecture theatre
11:30	55	Gerald F Watts	Recent advances in cholesterol management for the high risk patient	
12:00	56	Peter Meikle	Plasma lipidomic profiles improve upon conventional risk factors and medication to predict cardiovascular events	
12:30	57	David Sullivan	Clinical Equivalence of Evolocumab Among Patient Subgroups in PROFICIO: A Pooled Analysis of 3146 Patients from Phase 3 Studies	
12:45	58	Jordan Andrews	Greater regression of coronary atherosclerosis with the pre-beta high-density lipoprotein mimetic CER-001 in patients with more extensive plaque burden	
13:00 - 13:15	Day 3 - Meeting Close - Steve Nicholls and Trevor Mori			Lecture theatre