| Wednesday 7 December | | | | |
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| **Young Investigator / Early Career Researcher Symposium Agenda** | | | | |
| **TIME** | **TOPIC** | **CHAIR** | **SPEAKER** | |
| 14.30 | Media training workshop | Martin Schultz (HBPRCA) | Miranda Harman (UTas) | Chancellor Room 6 |
| 15.00 | Writing an eye catching scientific resume | Gabrielle Pennings (AVBS) | Peter Clifton (UniSA) | |
| 15.30 | Research translation into innovation and policies | Stephanie Paone (AAS) | Alison Venn (UTas) | |
| 16.00 | Career panel | Aliki Rasmiena (AAS) and Yugeesh Lankadeva (HBPRCA) | Alison Venn (UTas), Justin Hamilton (ACBD) Heather Francis (RHHRF) | |
| 16.45 | Meet your New Investigator Representative | | Gabrielle Pennings (AVBS), Francine Marques (HBPRCA) and Aliki Rasmiena (AAS) | |
| 17.00 | Young Investigator / Early Career Researcher networking drinks | | | Mezzanine Area |
| 17.30 | WELCOME RECEPTION & POSTER VIEWING | | | Mezzanine Area |

| Thursday 8 December | | | | |
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| **TIME** | ABSTRACT NO. | | **SESSION** | ROOM |
| 08.30 - 10.00 | JOINT OPENING SESSION | | | Ballroom 1 & 2 |
| 08.30 | 1 | Nilesh Samani | HBPRCA RD Wright Lecture, introduced by Jaye Chin-Dusting and chaired by Stephen Harrap<br><br>GENETICS OF CORONARY ARTERY DISEASE – DISCOVERY AND TRANSLATION. | |
| 09.00 | 2 | Sheila Patel | GENETIC VARIATION IN KRUPPEL LIKE FACTOR 15 INFLUENCES MYOCARDIAL MASS IN PATIENTS WITH TYPE 2 DIABETES AND IS ASSOCIATED WITH HEART FAILURE HOSPITALISATION | |
| 09.15 | 3 | Donna Lee Dinnes | HUMAN MACROPHAGE CATHEPSIN B-MEDIATED C-TERMINAL CLEAVAGE OF APOLIPOPROTEIN A-I AT SER228 SEVERELY IMPAIRS ANTI-ATHEROGENIC CAPACITY | |
| 09.30 | 4 | Andrew Murphy | HIGH SALT DRIVEN TH17 RESPONSE INDUCES HAEMATOPOIETIC STEM CELL MOBILIZATION AND ACCELERATES ATHEROSCLEROSIS | |
| 09.45 | 5 | Francine Marques | LIPOCALIN-2 CONTRIBUTES TO THE ASSOCIATION OF CHRONIC INFLAMMATION WITH CARDIAC HYPERTROPHY AND FAILURE | |
| 10.00 - 10.45 | MORNING TEA - Mezzanine Area | | | |
| 10.45 - 13.00 | Student Oral Finalists - Ballroom 1 & 2 | | | |
| 10.45 | 6 | Dragana Dragoljevic AAS | INFLAMMATORY ARTHRITIS IMPAIRS ATHEROSCLEROTIC LESION REGRESSION IN LDL-RECEPTOR DEFICIENT MICE, INDEPENDENT OF CIRCULATING CHOLESTEROL LEVELS. | Ballroom 1 & 2 |
| 11.00 | 7 | Michelle Flynn AAS | HYPERGLYCAEMIC SPIKES PROMOTE MONOCYTOSIS AND ATHEROSCLEROSIS IN A S100A8/A9 / RAGE DEPENDENT MANNER | |
| 11.15 | 8 | Dhanya Ravindran AAS | THE RATE OF ATHEROSCLEROSIS DEVELOPMENT DETERMINES CHANGES IN PLAQUE VOLUME AND COMPOSITION FOLLOWING GENE TRANSFER OF THE BROAD SPECTRUM CHEMOKINE BINDING PROTEIN 'M3' | |
| 11.30 | 9 | Annas Al-sharea AVBS | THE PARASYMPATHETIC NERVOUS SYSTEM IS INVOLVED IN THE REGULATION OF HEMATOPOIETIC STEM CELL ACTIVITY | |
| 11.45 | 10 | Maggie Lieu AVBS | HYPERTENSION IN MICE IS ASSOCIATED WITH B CELL DIFFERENTIATION INTO PLASMA CELLS AND ACCUMULATION OF IGG AND COMPLEMENT IN THE VESSEL WALL | |

## Thursday 8 December cont.

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| 12.00 | 11 | Pradeep Cholan Manuneedhi AVBS | VASCULAR TRAIL EXPRESSION IS INCREASED IN ENDOTHELIAL CELLS BY ANGIOTENSIN II | Ballroom 1 & 2 |
| 12.15 | 12 | Quynh Nhu Dinh HBPRCA | IMPORTANCE OF LYMPHOCYTES, ESTROGEN AND THE G PROTEIN COUPLED ESTROGEN RECEPTOR 1 IN ALDOSTERONE/SALT-INDUCED HYPERTENSION | |
| 12.30 | 13 | Sarah Walton HBPRCA | PRENATAL HYPOXIA AND A POSTNATAL HIGH SALT DIET PREDISPOSES MOUSE OFFSPRING TO CARDIOVASCULAR AND RENAL IMPAIRMENTS IN ADULTHOOD | |
| 12.45 | 14 | Matthew Shen HBPRCA | COMPARING THE ANTI-FIBROTIC EFFECTS OF SERELAXIN, CGP42112 AND CANDESARTAN CILEXETIL IN A HIGH SALT-INDUCED MOUSE MODEL OF KIDNEY DISEASE | |
| 13.00 - 14.30 | Lunch & Student Moderated Posters - Mezzanine Area | | | |
| 13.00 - 13.45 | LUNCH | | | |
| 13.45 | 15 | Carmela Martini AVBS | PLATELETS AND VASCULOGENIC MIMICRY BY TUMOUR CELLS | Ballroom 1 & 2 |
| 13.50 | 16 | Sudarshan Rai AVBS | MASR IS INVOLVED IN PREVENTING HOMOCYSTEINE INDUCED CARDIOVASCULAR PATHOLOGY | |
| 13.55 | 17 | Chun-Yi Ng AVBS | THE PRODUCTION OF EXTRACELLULAR MATRIX BY M1 AND M2 MACROPHAGES AND THEIR ROLE IN BINDING LIPID | |
| 14.00 | BREAK | | | |
| 14.05 | 18 | Martin Wolley HBPRCA | PLASMA POTASSIUM NEGATIVELY EFFECTS ABUNDANCE OF THE THAIZIDE SENSITIVE SODIUM-CHLORIDE COTRANSPORTER IN HUMANS | Ballroom 1 & 2 |
| 14.10 | 19 | Mohammad Radwanur Rahman Talukder HBPRCA | HIGH WATER SALINITY IS ASSOCIATED WITH AN ELEVATED BLOOD PRESSURE IN YOUNG ADULTS IN COASTAL BANGLADESH | |
| 14.15 | 20 | Waled Shihata HBPRCA | PRESSURE-INDUCED T CELL INFILTRATION IS CAVEOLIN-1 DEPENDENT | |
| 14.20 | BREAK | | | |
| 14.25 | 21 | Valentina Ho AAS | SKIPPING BREAKFAST IN YOUTH IS ASSOCIATED WITH INCREASED BLOOD PRESSURE IN ADULTHOOD: LONGITUDINAL DATA FROM THE CHILDHOOD DETERMINANTS OF ADULT HEALTH STUDY | Ballroom 1 & 2 |
| 14.30 | 22 | Yunjiya Zhang AAS | INVESTIGATING THE ROLE OF PEPTIDYLARGININE DEAMINASE IN MACROPHAGE EXTRACELLULAR TRAP FORMATION | |
| 14.35 | 23 | Diana Magat AAS | MONOCYTE SUBSETS BECOME MORE INFLAMMATORY DURING THE DEVELOPMENT OF ATHEROSCLEROSIS IN THE LDLR-/- MOUSE | |

# Thursday 8 December cont.

| 14.45 - 15.45 | CONCURRENT SESSION Hypertension & Stroke. | | | |
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| 14.45 | 24 | AAS invited speaker: Craig Anderson | CAN TREATMENT OF OBSTRUCTIVE SLEEP APNEA (OSA) REDUCE HEART DISEASE AND STROKE? PUTTING THE SLEEP APNEA CARDIOVASCULAR ENDPOINTS (SAVE) STUDY RESULTS IN CLINICAL CONTEXT | Ballroom 1 & 2 |
| 15.15 | 25 | Markus Schlaich | 3-YEAR SAFETY AND EFFICACY ANALYSIS OF RENAL DENERVATION IN A REAL WORLD POPULATION OF PATIENTS WITH UNCONTROLLED HYPERTENSION: THE GLOBAL SYMPLICITY REGISTRY | |
| 15.30 | 26 | Brad Broughton | HUMAN AMNION STEM CELL-DERIVED EXOSOMES IMPROVE STROKE OUTCOME IN MALE MICE | |
| 15.45 | 27 | Megan Evans | VITAMIN D SUPPLEMENTATION REDUCES BRAIN INJURY AND INFLAMMATION FOLLOWING ISCHEMIC STROKE | |
| 15.45 - 16.15 | AFTERNOON TEA - Mezzanine Area (Posters) | | | |

| CONCURRENT SESSION Inflammation. | | | |
|---|---|---|---|
| 28 | AVBS invited speaker: Nick King | THERAPEUTIC INTERVENTION WITH IMMUNE-MODIFYING MICROPARTICLES – THE INFLAMMATORY ROLE OF THE MYELOID LINEAGE IN DESTRUCTIVE INFLAMMATION | Ballroom 3 |
| 29 | Helene Kammoun | MONOCYTES SWITCH METABOLIC PHENOTYPE DEPENDENT ON SUBSET AND LIPID EXPOSURE | |
| 30 | Tin Kyaw | PATHOGENIC IgG ANTIBODIES IN HYPERLIPIDEMIC MICE PROMOTES ATHEROSCLEROSIS | |
| 31 | Bronwyn Brown | LOW-DENSITY LIPOPROTEINS MODIFIED BY MYELOPEROXIDASE-DERIVED OXIDANTS AFFECT MACROPHAGE PHENOTYPE AND FUNCTION | |

| 16.15 - 17.30 | CONCURRENT SESSION Clinical Insights. | | | |
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| 16.15 | 32 | Martin Schultz | EXAGGERATED EXERCISE BLOOD PRESSURE IS ASSOCIATED WITH RAISED LEFT-VENTRICULAR MASS AND AORTIC STIFFNESS IN ADOLESCENCE: A CROSS-SECTIONAL ANALYSIS OF THE AVON LONGITUDINAL STUDY OF PARENTS AND CHILDREN (ALSPAC). | Ballroom 1 & 2 |
| 16.30 | 33 | Gerald Watts | FACTORIAL EFFECTS OF EVOLOCUMAB AND ATORVASTATIN ON LIPOPROTEIN METABOLISM: THE FLOREY STABLE ISOTOPE STUDY | |
| 16.45 | 34 | Katrina Ellis | ELEVATED LIPOPROTEIN(a) AND PHENOTYPIC FAMILIAL HYPERCHOLESTEROLAEMIA IN PATIENTS ADMITTED TO A CORONARY CARE UNIT WITH CORONARY ARTERY DISEASE | |
| 17.00 | 35 | Emily Atkins | TOLERABILITY OF COMBINATION BLOOD PRESSURE LOWERING ACCORDING TO BLOOD PRESSURE LEVELS – AN ANALYSIS OF THE PROGRESS AND ADVANCE TRIALS | |
| 17.15 | 36 | Iris Hardege | HBPRCA BHS award winner; Introduced by Jaye Chin-Dusting. ROLE OF KCNJ5 IN ALDOSTERONE PRODUCTION: FROM MUTANT TO WILD TYPE | |
| 17.30 - 18.30 | HBPRCA AGM | | | |

| CONCURRENT SESSION Atherosclerosis. | | | |
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| 37 | Roland Stocker | PHARMACOLOGICAL INHIBITION OF MYELOPEROXIDASE IMPROVES ENDOTHELIAL FUNCTION AND STABILIZES ATHEROSCLEROTIC PLAQUES IN A MOUSE MODEL OF VULNERABLE PLAQUE | Ballroom 3 |
| 38 | Man Lee | MITOCHONDRIAL DYSFUNCTION IN HUMAN CD16+ MONOCYTE DERIVED M2 MACROPHAGES IS LINKED TO FOAM CELL FORMATION | |
| 39 | Deborah Toledo Flores | CX3CR1 IDENTIFIES ADVENTITIAL MACROPHAGE PROGENITOR CELLS (AMPCs), A LOCAL SOURCE OF SELF-RENEWING MACROPHAGES IN POSTNATAL ARTERIES | |
| 40 | Stephanie Paone | ENDOTHELIAL CELL DEATH AND DISASSEMBLY IN ATHEROSCLEROSIS | |
| | TBC | AVBS Achievement & career development Award winner Introduced by Robert Andrews | |
| AVBS AGM | | | |

| Friday 9 December | | | | |
|---|---|---|---|---|
| TIME | ABSTRACT NO. | | SESSION | ROOM |
| 08.30 - 10.00 | JOINT OPENING SESSION. | | | Ballroom 1 & 2 |
| 08.30 | 41 | AVBS invited speaker: Kathy Griendling | Nox4, Poldip2 AND VASCULAR FUNCTION | |
| 09.00 | 42 | Ben Hogan | A NOVEL PERIVASCULAR LYMPHATIC ENDOTHELIAL CELL LINEAGE REGULATES ANGIOGENESIS OF THE MENINGEAL BLOOD VASCULATURE | |
| 09.15 | 43 | Roland Stocker | REGULATION OF VASCULAR TONE AND BLOOD PRESSURE BY A NOVEL TRYPTOPHAN-DERIVED METABOLITE | |
| 09.30 | 44 | Ana Verissimo | BIO 3D PRINTING SCAFFOLD-FREE BLOOD VESSELS | |
| 09.45 | 45 | Mike Wu | IDENTIFICATION OF A NOVEL NEUTROPHIL-DEPENDENT THROMBOTIC MECHANISM IN THE LUNG | |
| 10.00 - 10.45 | MORNING TEA - Mezzanine Area (Posters) | | | |
| 10.45 - 13.00 | YI/EC Oral Finalists - Ballroom 1 & 2 | | | |
| 10.45 | 46 | Sian Cartland AVBS | NON-ALCOHOLIC FATTY LIVER DISEASE, VASCULAR INFLAMMATION AND INSULIN RESISTANCE ARE EXACERBATED BY TRAIL DELETION IN MICE | Ballroom 1 & 2 |
| 11.00 | 47 | Roxane Darbousset AVBS | 14-3-3ζ REGULATES THE MITOCHONDRIAL RESPIRATORY RESERVE LINKED TO PLATELET PHOSPHATIDYLSERINE EXPOSURE AND PROCOAGULANT FUNCTION | |
| 11.15 | 48 | Kristen Bubb AVBS | ENDOTHELIAL DYSFUNCTION AND ANGII-INDUCED HYPERTENSION OCCUR IN THE ABSENCE OF FXYD1 DUE TO DYSREGULATED REDOX SIGNALLING | |
| 11.30 | 49 | Rachel Climie HBPRCA | FIRST EVIDENCE OF PULSATILE PRESSURE INTERACTION BETWEEN THE MACRO-VASCULATURE AND MICRO-VASCULATURE: PROOF-OF-CONCEPT BY ASSOCIATION WITH KIDNEY DYSFUNCTION AMONG PATIENTS WITH TYPE 2 DIABETES | |
| 11.45 | 50 | Naoya Iguchi HBPRCA | EFFECTS OF GENERAL ANAESTHESIA AND INSPIRED OXYGEN FRACTION ON SYSTEMIC AND RENAL HAEMODYNAMICS AND INTRA-RENAL OXYGENATION IN SHEEP | |
| 12.00 | 51 | Lindsea Booth HBPRCA | RENAL FUNCTION IN NORMAL AND HEART FAILURE SHEEP AFTER CATHETER-BASED RENAL DENERVATION | |
| 12.15 | 52 | Carmine Gentile AAS | CARDIAC SPHEROIDS AS NOVEL 3D IN VITRO MODELS TO STUDY HUMAN HEART BIOLOGY AND PHARMACOLOGY | |

# Friday 9 December cont.

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| 12.30 | 53 | Adele Richart AAS | HDL MODULATES CARDIAC GLUCOSE METABOLISM AND INFLAMMATION AND IMPROVES CARDIAC FUNCTION AFTER MYOCARDIAL ISCHEMIA-REPERFUSION INJURY | Ballroom 1 & 2 |
| 12.45 | 54 | Yung-Chih Chen AAS | UNSTABLE ATHEROSCLEROTIC PLAQUES OBTAINED NEAR INFRARED AUTOFLUORESCENCE PHENOTYPES THAT ORIGINATED FROM HEME DEGRADATION PRODUCTS | |
| 13.00 - 14.30 | LUNCH & MODERATED POSTERS (YI/EC) - Mezzanine Area | | | |
| 13.00 - 13.35 | LUNCH - FOOD SERVICE BEGINS | | | |
| 13.35 | 55 | Martin Schultz HBPRCA | VARIABILITY IN CENTRAL-TO-PERIPHERAL GRADIENTS OF MEAN ARTERIAL PRESSURE AND DIASTOLIC BLOOD PRESSURE WITHIN THE HUMAN LARGE ARTERIES: RELEVANCE TO ARTERIAL PHYSIOLOGY AND ESTIMATED CENTRAL BLOOD PRESSURE | Ballroom 1 & 2 |
| 13.40 | 56 | Dagmara Hering HBPRCA | DOES RENAL DENERVATION AFFECT BLOOD PRESSURE DIFFERENTLY IN PATIENTS WITH RESISTANT HYPERTENSION AND OBSTRUCTIVE SLEEP APNEA? FINDINGS FROM THE GLOBAL SYMPLICITY REGISTRY | |
| 13.45 | 57 | Mark Butlin HBPRCA | DIETARY SALT INCREASES ARTERIAL STIFFNESS INDEPENDENT OF BLOOD PRESSURE AND LIFESTYLE FACTORS | |
| 13.50 | BREAK | | | |
| 13.55 | 58 | Jing Pang AAS | SERVICES AND FACILITIES FOR THE CARE OF FAMILIAL HYPERCHOLESTEROLAEMIA: INTERNATIONAL COMPARISONS FROM THE "10 COUNTRIES STUDY" | Ballroom 1 & 2 |
| 14.00 | 59 | Aliki Rasmiena AAS | HDL EFFICIENTLY ACCEPTS SURFACE BUT NOT INTERNAL OXIDISED LIPIDS FROM OXIDISED LDL | |
| 14.05 | 60 | Blake Cochran AAS | THE ATP BINDING CASSETTE TRANSPORTER, ABCG1, LOCALIZES TO CORTICAL ACTIN FILAMENTS | |
| 14.10 | BREAK | | | |
| 14.15 | 61 | Kristen Bubb AVBS | ANGIOGENESIS IS PROMOTED BY STIMULATION OF THE BETA-3 ADRENERGIC RECEPTOR | Ballroom 1 & 2 |
| 14.20 | 62 | Sophie Maiocchi AVBS | A NOVEL VISUALISATION TECHNIQUE TO INVESTIGATE THROMBO-INFLAMMATION DURING INTESTINAL ISCHEMIA REPERFUSION | |
| 14.25 | 63 | Jan David Hohmann AVBS | RESTORING CARDIAC FUNCTION AFTER MYOCARDIAL INFARCTION BY TARGETING CD39 TO ACTIVATED PLATELETS | |

# Friday 9 December cont.

| 14.30 - 15.30 | CONCURRENT SESSION | | | Ballroom 1 & 2 |
|---|---|---|---|---|
| 14.30 | 64 | Chris Semsarian | HBPRCA Colin Johnston lecture: Introduced by Jaye Chin-Dusting GETTING TO THE HEART OF SUDDEN CARDIAC DEATH | |
| 15.00 | 65 | Anisya Ridiandries | BROAD SPECTRUM CC-CHEMOKINE INHIBITION IMPROVES WOUND HEALING AND WOUND ANGIOGENESIS | |
| 15.15 | 66 | Arpeeta Sharma | NRF2 ACTIVATION PROTECTS AGAINST DIABETES-INDUCED ENDOTHELIAL DYSFUNCTION | |
| 15.30 | 67 | Justin Grobe | HBPRCA AHA award winner Introduced by Jaye Chin-Dusting<br>RESTING METABOLIC RATE CONTROL BY ANGIOTENSIN: BRAIN VS BODY | |
| 15.45 | AFTERNOON TEA - Mezzanine Area | | | |

| CONCURRENT SESSION Lipid metabolism. | | | Ballroom 3 |
|---|---|---|---|
| 68 | AVBS invited speaker: Anna Calkin | IDENTIFICATION OF NOVEL REGULATORS OF LIPID METABOLISM USING A SYSTEMS BIOLOGY APPROACH | |
| 69 | Maaike Kockx | ROLE OF THE LDLR AND PCSK9 IN CYCLOSPORIN A-INDUCED HYPERLIPIDEMIA | |
| 70 | Gerard Pernes | TLR-INDUCED CERAMIDE SYNTHESIS IS A CONSEQUENCE OF METABOLIC REPROGRAMMING | |
| 71 | Peter Meikle | DECREASES IN PLASMA PHOSPHATIDYLINOSITOL SPECIES PARTIALLY EXPLAIN THE REDUCTION IN CARDIOVASCULAR EVENTS AFTER PRAVASTATIN THERAPY IN SECONDARY PREVENTION | |
| 72 | Michael Bukrinsky | HIV PROTEIN NEF IMPAIRS ABCA1 ACTIVITY: MECHANISMS AND TREATMENTS | |

# Friday 9 December cont.

| 16.15 - 17.30 | CONCURRENT SESSION Diabetes & CVD risk. | | | | CONCURRENT SESSION Platelet function and Fibrosis. | | | |
|---|---|---|---|---|---|---|---|---|
| 16.15 | 73 | AAS invited speaker: Jonathan Shaw | GUIDELINES FOR THE PREVENTION OF CVD: WHAT'S NEW AND HOW RELIABLE IS THE GUIDELINE PROCESS? | Ballroom 1 & 2 | 77 | AVBS invited speaker: Justin Hamilton | SHOOTING FOR PAR: EMERGING APPROACHES FOR TARGETING PLATELET THROMBIN RECEPTORS AS ANTITHROMBOTIC THERAPY | Ballroom 3 |
| 16.30 | | | | | 78 | Melanie Ziegler | BIOTECHNOLOGICAL TARGETING OF ACTIVATED PLATELETS – A NOVEL APPROACH FOR LOCALISED DELIVERY OF REGENERATIVE CELLS FOR THE TREATMENT OF MYOCARDIAL INFARCTION | |
| 16.45 | 74 | Joanne Tan | microRNA-181C AND ITS PUTATIVE TARGET TRIM2 MEDIATE THE ABILITY OF HIGH DENSITY LIPOPROTEINS TO RESCUE DIABETES-IMPAIRED ANGIOGENESIS | | 79 | Xiaowei Wang | THROMBUS TARGETED THERANOSTICS MICROBUBBLES: CONCURRENT DIAGNOSIS AND TARGETED THERAPY OF THROMBOSIS | |
| 17.00 | 75 | Chau Ho | POST HOC ANALYSIS OF THE EFFECTIVENESS OF BLOOD PRESSURE-LOWERING DRUG TREATMENT BY LEVELS OF ABSOLUTE RISK IN THE ANBP STUDY | | 80 | Yan Wang | COMPARING THE ANTI-FIBROTIC EFFECTS OF SERELAXIN, CGP42112 AND CANDESARTAN CILEXETIL IN A HIGH SALT-INDUCED MOUSE MODEL OF HEART DISEASE | |
| 17.15 | 76 | Terri Allen | PHARMACOLOGICAL INHIBITION OF NADPH OXIDASE ATTENUATES ATHEROSCLEROSIS IN AN MODEL OF ESTABLISHED DIABETES ASSOCIATED ATHEROSCLEROSIS. | | 81 | Caitlin Lewis | CCL18 AS A MEDIATOR OF THE PRO-FIBROTIC ACTIONS OF M2 MACROPHAGES IN THE VESSEL WALL DURING HYPERTENSION | |
| 17.30 - 18.30 | | | | | AAS AGM | | | Breakout Room |
| 19.00 | CONFERENCE DINNER<br>Hobart Function and Cenvention Centre | | | | | | | |

## Saturday 10 December

| TIME | ABSTRACT NO. | | SESSION | ROOM |
|---|---|---|---|---|
| 08.30 | | Nilesh Samani | Funding Models for CV research in the UK On behalf of ACvA | Ballroom 1 & 2 |
| 09.10 - 10.55 | **CONCURRENT SESSION Blood pressure and lipid metabolism.** | | | |
| 09.10 | 82 | Alan Cooper | HBPRC Austin Doyle Lecture, Introduced by Jaye Chin-Dusting:<br>USING ANCIENT DNA TO STUDY THE ORIGINS OF MODERN DISEASE | |
| 09.40 | 83 | Dick Chan | EFFECT OF EVOLOCUMAB ON LP(a) METABOLISM IN NORMOLIPIDEMIC INDIVIDUALS UNDER PHYSIOLOGICAL CONDITIONS | |
| 09.55 | 84 | Dean Picone | DISCOVERY OF A NEW BLOOD PRESSURE PHENOTYPE FROM INTRA-ARTERIAL CENTRAL-TO-PERIPHERAL RECORDINGS: IMPLICATIONS FOR CUFF BLOOD PRESSURE ACCURACY AND CARDIOVASCULAR RISK ASSESSMENT | |
| 10.10 | 85 | Geoff Head | RENAL DENERVATION PREVENTS PROGRESSION OF HYPERTENSION AND CHANGES TO BAROREFLEX IN A RABBIT MODEL OF CHRONIC KIDNEY DISEASE | |
| 10.25 | 86 | Louis Ma | INCREASED PRODUCTION RATE OF APOLIPOPROTEIN(a) IS THE PRIMARY MECHANISM FOR INCREASED LIPOPROTEIN(a) CONCENTRATION IN PATIENTS WITH HYPERCHOLESTEROLAEMIA ON STATIN THERAPY | |
| 10.40 | 87 | Yeong Hann Ling | INTERLEUKIN-18 IS CRUCIAL FOR THE DEVELOPMENT OF RENAL INFLAMMATION AND ELEVATED BLOOD PRESSURE IN A MOUSE MODEL OF HYPERTENSION | |

| ABSTRACT NO. | | SESSION | ROOM |
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| **CONCURRENT SESSION Vascular biology and biomaterials.** | | | |
| 88 | AVBS invited speaker: Ruth Ganss | BLOOD VESSEL REMODELLING AND THERAPEUTIC IMPLICATIONS | Ballroom 3 |
| 89 | AVBS invited speaker: Renjing Liu | EPIGENETICALLY CONTROLLED REACTIVATION OF A NOVEL STEMNESS PATHWAY IN SMOOTH MUSCLE CELLS | |
| 90 | Claudine Bonder | DESMOGLEIN-2: AN EMERGING ROLE IN NEOANGIOGENESIS AND VASCULOGENIC MIMICRY. | |
| 91 | AVBS invited speaker: Christina Bursill | VEGFR2 IS ACTIVATED BY HIGH DENSITY LIPOPROTEINS (HDL) AND PLAYS A KEY ROLE IN THE PROANGIOGENIC EFFECTS OF HDL IN ISCHAEMIA | |
| 92 | Greg Dusting | CONSTRUCTING HUMAN CARDIAC TISSUE FROM PLURIPOTENT STEM CELLS INCLUDING ELECTRICAL STIMULATION | |
| 93 | AVBS invited speaker: Anna Waterhouse | MATERIAL SURFACE MODIFICATION AND MEDICAL DEVICE THROMBOSIS | |

## Saturday 10 December cont.

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| 10.55 - 11.25 | MORNING TEA - Mezzanine Area | | | |
| 11.25 - 12.55 | JOINT CLOSING SESSION - Ballroom 1 & 2 | | | |
| 11.25 | 94 | AAS invited speaker: Jean Pierre Després | VISCERAL/ECTOPIC FAT ACCUMULATION AND CARDIOMETABOLIC HEALTH: FROM ETIOLOGY TO CLINICAL AND PUBLIC HEALTH SOLUTIONS | Ballroom 1 & 2 |
| 11.55 | 95 | Natalie Ward | ISOQUERCETIN AND INULIN SYNERGISTICALLY IMPROVE FEATURES OF THE METABOLIC SYNDROME IN MICE FED A HIGH FAT DIET | |
| 12.10 | 96 | Denise Demmer | THE CONCURRENT RELATIONSHIPS OF FATNESS AND FITNESS WITH CARDIO-METABOLIC RISK FACTORS IN ADOLESCENTS FROM THE WESTERN AUSTRALIAN PREGNANCY (RAINE) COHORT STUDY | |
| 12.25 | 97 | Christoph Hagemeyer | PREVENTING UNSTABLE PLAQUE RUPTURE USING TARGETED NANOSPONGE DELIVERY TO INCREASE PLAQUE FIBROUS CAP COLLAGEN VIA MATRIX METALLOPROTEINASE 14 INHIBITION | |
| 12.40 | 98 | Steven Gieseg | MACROPHAGE NADPH OXIDASE (NOX2) GENERATES PLASMA NEOPTERIN IN CVD | |
| 12.55 - 13.00 | Closing & DEPARTURES - Mezzanine Area | | | |