

**SARS ANNUAL MEETING, 4TH & 5TH JANUARY 2012
FULL PROGRAMME**

WEDNESDAY 4 JANUARY

07.30-08.10 REGISTRATION

08.10-08.20 WELCOME – *Lecture Theatre 1*
Professor Dileep Lobo and Professor J Andrew Bradley

08.20-09.40 SYMPOSIUM 1 – *Lecture Theatre 1*
Research in Nottingham
Chairs: Professor Dileep Lobo and Professor Brian Rowlands

08.20-08.40 Mr David Humes, Lecturer, Division of Gastrointestinal Surgery, University of Nottingham
The role of surgical epidemiology in the 21st Century

08.40-09.00 Professor Robin Spiller, Lead, Nottingham Digestive Diseases Centre NIHR Biomedical Research Unit
Facilitating Translational Research in Digestive Diseases: Challenges and Rewards

09.00-09.30 Professor Ian Hall, Dean, University of Nottingham Medical School
Stratified medicine approaches for disease management: are they realistic?

09.30-09.40 Discussion

09.40-11.20 PARALLEL ORAL PRESENTATIONS 1A (14 Papers) (5 min + 2 min) – *Lecture Theatre 1*
BREAST
Chairs: Professor Arnold Hill and Professor John Robertson

09.40-09.47 **O16 SYSTEMIC INFLAMMATION AND EARLY BREAST CANCER**
I McKeivitt, H Shaker, N Bundred, C Kirwan
Department of Academic Surgery, University Hospital of South Manchester

09.47-09.54 **O17 DOES HORMONE RECEPTOR STATUS INFLUENCE SURVIVAL IN HER2/NEU POSITIVE BREAST CANCER?**
A Spellman (1), AM McDermott (1), D Wall (2), M Keane (3), P.Donnellan (3), KJ Sweeney (1), MJ Kerin (1)
(1) Department of Surgery, National University of Ireland, Galway (2) Department of Biostatistics, National University of Ireland, Galway (3) Consultant Oncologist, Galway University Hospital

09.54-10.01 **O18 GENE SILENCING REVEALS A ROLE FOR OESTROGEN FINGER PROTEIN (EFP) IN TAMOXIFEN RESISTANCE**
G Goodyear, J Seebaluck, A Bartnik, M Loizidou, H Welch
UCL Medical School, Royal Free Campus

10.01-10.08 **O19 FOCAL ADHESION KINASE PLAYS A MAJOR ROLE IN THE REGULATION OF HUMAN DCIS STEM CELL ACTIVITY**
K E Williams (1), G Farnie (1), NJ Bundred (2)
(1) The University of Manchester, Manchester (2) The University Hospital of South Manchester, Wythenshawe

10.08-10.15 **O20 CARDIAC GLYCOSIDES AS POTENTIAL ANTI BREAST CANCER AGENTS**
MB Owens, ADK Hill, AM Hopkins
Royal College of Surgeons in Ireland

10.15-10.22 **O21 OESTROGEN RECEPTOR NEGATIVE/PROGESTERONE RECEPTOR POSITIVE (ER-/PR+) BREAST CANCER PHENOTYPE: INCIDENCE, MANAGEMENT AND OUTCOMES IN A SYMPTOMATIC UNIT**
JM Coll, S Broderick, SO Hynes, MJ Kerin, C Brodie, M Sheehan, KJ Sweeney.
Department of Surgery, University Hospital Galway

- 10.22-10.29 **O22 MRI VERSUS USS IN THE DETECTION OF AXILLARY LYMPH NODE DISEASE IN PATIENTS WITH PRIMARY BREAST CANCER**
S Gupta, RK Balasubramanian, M Barkeji
West Middlesex University Hospital
- 10.29-10.36 **O23 CIRCULATING MIR-497 AS A NOVEL MINIMALLY INVASIVE BIOMARKER FOR BREAST CANCER**
JW Walsh, AM McDermott, N Miller, KJ Sweeney, MJ Kerin
Department of Surgery, National University of Ireland, Galway, Ireland
- 10.36-10.43 **O24 OPTIMISING MAGNETIC SENTINEL LYMPH NODE BIOPSY IN BREAST CANCER**
L Johnson (1), QA Pankhurst (2), A Purushotham (1), M Douek (1)
(1) Research Oncology, Kings College London, DFRL(2) The Royal Institution of Great Britain
- 10.43-10.50 **O25 THE ROLE OF MIRNAS IN TAMOXIFEN RESISTANCE IN BREAST CANCER**
NA Healy (1,2), R Schiff (2), N Miller (1), CK Osborne (2), MJ Kerin (1)
(1) Department of Surgery, National University of Ireland, Galway, Ireland (2) Breast Center, Baylor College of Medicine, Houston, Tx 77030, USA
- 10.50-10.57 **O26 CXCR1/2 SIGNALLING REGULATES HUMAN BREAST CANCER STEM CELL ACTIVITY**
J K Singh (1), G Farnie (2), RB Clarke (1), NJ Bundred (3)
(1) Breast Biology Group, School of Cancer and Enabling Sciences, University of Manchester, Paterson Institute for Cancer Research, Manchester (2) Cancer Stem Cell Research Group, School of Cancer and Enabling Sciences, University of Manchester, Paterson Institute for Cancer Research, Manchester (3) Department of Academic Surgery, University Hospital of South Manchester, Manchester
- 10.57-11.04 **O27 DIGITAL MAMMOGRAPHY IN WOMEN AGED 35-40: IS THERE A ROLE FOR OPPORTUNISTIC SCREENING AT A SYMPTOMATIC BREAST CLINIC?**
R Merchant (1), R Ennis (2), MJ Kerin (1), KJ Sweeney (1)
(1) Surgery & (2) Radiology, School of Medicine, NUI Galway
- 11.04-11.11 **O28 BIOLUMINESCENCE MEDIATED PHOTODYNAMIC THERAPY IN BREAST CANCER CELL LINE**
DK Adigbli, J Seebaluk, AJ MacRobert, M Loizidou
UCL Medical School
- 11.11-11.18 **O29 CUMULATIVE EFFECT OF MULTIPLE LOW PENETRANCE VARIANTS ON BREAST CANCER RISK**
K Tong, JJ Dorairaj, KJ Sweeney, MJ Kerin
Discipline of Surgery, NUI Galway

09.40-11.20 PARALLEL ORAL PRESENTATIONS 1B (14 Papers) (5 min + 2 min) – *Lecture Theatre 3 GENERAL SURGERY*

Chairs: Mr Mike Wyatt and Mr Austin G Acheson

- 09.40-09.47 **O30 RE-OPERATIONS FOLLOWING LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING**
J Richardson, P Super
Birmingham Heartlands Hospital, Birmingham, UK
- 09.47-09.54 **O31 ADENOVIRAL MEDIATED TRANSCRIPTIONAL TARGETING OF COLORECTAL ANGER AND EFFECTS ON TREATMENT RESISTANT HYPOXIC CELLS**
S Rajendran, D O'Hanlon, M Tangney, GC O'Sullivan
Cork Cancer Research Centre, UCC, Cork, Ireland
- 09.54-10.01 **O32 DETECTION OF UPPER GASTROINTESTINAL PATHOLOGIES WITH OPTICAL FIBRE PROBE FLUORESCENCE SPECTROSCOPY**
S Solanki (1), V Sauvage (3), I Amygdalos (1), H Selmi (1), H Dhanapala (2), J Hoare (1), RD Goldin (1), GB Hanna (1), D Elson (3)
(1)Imperial College London, South Kensington, London, (2) St Mary's Hospital, Paddington, London, (3) Hamlyn Centre for Robotic Surgery, Institute of Global Health Innovation and Department of Surgery and Cancer, Imperial College London

- 10.01-10.08 **O33 AEROSOLISED INTRAPERITONEAL LOCAL ANAESTHETIC (AILA) FOR LAPAROSCOPIC SURGERY**
AM McDermott (1), K Mieske (1), KH Chang (1), A Abeidi (2), BH Harte (3), MJ Kerin (1), OJ McAnena (1)
(1) Department of Surgery, National University of Ireland, Galway, Ireland (2) Department of Anaesthesia, Galway Clinic, Doughiska, Galway, Ireland (3) Department of Anaesthesia, National University of Ireland, Galway, Ireland
- 10.08-10.15 **O34 IS THE PSYCHOLOGICAL IMPACT OF AXILLARY HYPERHIDROSIS ALTERED BY BOTOX TREATMENT?**
DM Baker, E Baker
Department of Surgery, Royal Free Hospital, London
- 10.15-10.22 **O35 FREE-LIVING PHYSICAL ACTIVITY AS AN OUTCOME MEASURE IN PATIENTS WITH INTERMITTENT CLAUDICATION**
CL Clarke (1), CG Ryan (2), M Granat,(1), RJ Holdsworth,(3)
(1) The School of Health and Life Sciences, Glasgow Caledonian University, Cowcaddens Road, Glasgow G4 OBA (2) The School of Health and Social Care, Teeside University, Middlesbrough, Tees Valley, TS1 3BA (3) Vascular Department, Forth Valley Royal Hospital, Stirling Road, Larbert, FK5 4WR
- 10.22-10.29 **O36 ROLE OF VEGI/DR3 INTERACTIONS IN KERATINOCYTE GROWTH AND MIGRATION: IMPLICATIONS TO WOUND HEALING**
A Annakesavan, AJ Sanders, DG Jiang, KG Harding, WG Jiang
Wound Healing and Department of Surgery, Cardiff University
- 10.29-10.36 **O37 THE EFFECTS OF CANCER ON OUTCOMES FOLLOWING ENDOVASCULAR ANEURYSM REPAIR**
N Dattani, E Choke, M Bown, R Sayers
Vascular Surgery Group, University of Leicester
- 10.36-10.43 **O38 A META-ANALYSIS OF OUTCOMES FOLLOWING USE OF SOMATOSTATIN AND ITS ANALOGUES FOR THE MANAGEMENT OF ENTEROCUTANEOUS FISTULAS**
G Rahbour, MR Siddiqui, MR Ullah, SM Gabe, J Warusavitarne, CJ Vaizey
Colorectal Surgery and Lennard-Jones Intestinal Failure Unit, St. Mark's Hospital and Academic Institute, London
- 10.43-10.50 **O39 HUMAN GASTRIC LIPASE AUGMENTATION OF NASOGASTRIC TUBE ASPIRATE PH TESTS**
O Anderson (1), R Carr (2), M Briggs (1), M Hamady (1), P Buckle (1), C Vincent (1), G Hanna (1)
(1) Imperial College London, (2) Ingenza Limited
- 10.50-10.57 **O40 THE PRESENCE OF UNDERLYING MALIGNANCY IS ASSOCIATED WITH IMPROVED OUTCOME FOLLOWING FAECAL PERITONITIS: 7 YEAR RETROSPECTIVE STUDY**
GS Simpson, I McCrossan, J Walker, I Welters
Royal Liverpool University Hospital
- 10.57-11.04 **O41 INFLAMMATION IS ASSOCIATED WITH EPITHELIAL APOPTOSIS AND DECREASED SULPHATION IN THE MUCOUS GEL LAYER OF PATIENTS WITH ULCERATIVE COLITIS**
N Bambury (1,2), G Lennon (1), A Lavelle (1), A Maguire (1), NG Docherty (3), JC Coffey (4), PR O'Connell (1,2)
(1) UCD School of Medicine and Medical Sciences (2) Department of Surgery, St. Vincent's University Hospital, Dublin (3) Department of Physiology, Trinity College Dublin (4) Graduate Entry Medical School, University of Limerick.
- 11.04-11.11 **O42 STRATEGIES FOR INHIBITION OF CHEMOKINE (CCL2) MEDIATED MONOCYTE MIGRATION IN LETHAL REPERFUSION INJURY**
M Saleki, S Ali, JH Dark, J Kirby
University of Newcastle - upon - Tyne (Institute of Cellular Medicine)
- 11.11-11.18 **O43 IS ANTIBIOTIC THERAPY AS EFFECTIVE AS APPENDICECTOMY IN THE TREATMENT OF UNCOMPLICATED ACUTE APPENDICITIS? - AN UPDATED METAANALYSIS**
K K Varadhan (1), KR Neal (2), DN Lobo (1)
(1) Nottingham Digestive Diseases Centre, NIHR Biomedical Research Unit, Nottingham University Hospitals Queen's Medical Centre, Nottingham, UK (2) Department of

- 09.40-11.20 PARALLEL ORAL PRESENTATIONS 1C (14 Papers) (5 min + 2 min) – Lecture Theatre 4 VASCULAR SURGERY**
Chairs: Professor D Julian Scott and Professor Ian Chetter
- 09.40-09.47 **044 EXTERNAL VALIDATION OF THE BASIL SURVIVAL PREDICTION MODEL IN PATIENTS WITH PERIPHERAL ARTERIAL DISEASE UNDERGOING REVASCULARISATION AND COMPARISON WITH THE FINNVASC PREVENT SCORES**
AND MODIFIED
J Brownrigg, P Moxey, S Kumar, G Crate, K Jones, P Holt, M Thompson, R Hinchliffe
St George's Vascular Institute, 4th Floor, St James Wing, St George's Healthcare NHS Trust, London
- 09.47-09.54 **045 CRITICAL LIMB ISCHAEMIA PROMOTES AN ANGIOGENIC DRIVE THAT IS MEDIATED BY THE ANGIOPOIETIN/TIE2 AXIS**
AS Patel (1), A Smith (1), P Saha (1), N Killough (1), K Mattock (1), J Humphries (1), M Waltham (1), R Siow (2), A Ivetic (3), S Egginton (4), B Modarai (1)
(1) King's College London BHF Centre of Excellence, Academic Department of Surgery, Cardiovascular Division. The NIHR Biomedical Research Centre at Guy's and St Thomas' NHS Foundation Trust and King's College London (2) Vascular Biology Group, Cardiovascular Division, King's College London (3) Membrane/Cytoskeleton Signalling Group, Cardiovascular Division, King's College London (4) Centre for Cardiovascular Sciences, University of Birmingham Medical School
- 09.54-10.01 **046 SKELETAL MUSCLE DAMAGE IN CRITICAL LIMB ISCHAEMIA (CLI) IS MEDIATED BY TOLL-LIKE RECEPTORS 2 AND 6 ACTIVATION**
H Patel (1), C Yong (1) X Shi-wen (2), D Abraham (2), D Baker (1), S Shaw (3) J Tsui (1)
(1) Division of Surgery & Interventional Science, UCL, Royal Free Campus, UK (2) Centre for Rheumatology & Connective Tissue Disease (3) Department of Clinical Research, University of Bern, Switzerland
- 10.01-10.08 **047 MAGNETIC RESONANCE SIGNAL ATTENUATION AND IMAGE ARTEFACT TESTING OF A NANOCOMPOSITE POLYMER NITINOL THORACIC STENT-GRAFT**
M Desai (1,2), R Clough (3), N Gaddum (3), K Rhode (3), X Zhou (4), Z You (4), AM Seifalian (2), G Hamilton (1,2)
(1) Department of Vascular Surgery, Royal Free Hampstead NHS Trust, London, UK (2) Centre for Nanotechnology, Biomaterial and Tissue Engineering, Division of Surgery and Interventional Science, University College London, London, UK (3) Division of Imaging Sciences, Kings College London, St Thomas' Hospital, London, UK (4) Department of Engineering Science, University of Oxford, Oxford, UK
- 10.08-10.15 **048 STATIN THERAPY IS ASSOCIATED WITH REDUCED RISK OF ABDOMINAL AORTIC ANEURYSM RUPTURE**
E Choke, M Bown, R Sayers
University of Leicester
- 10.15-10.22 **049 PULSATILE ANTE-GRADE GREAT SAPHENOUS FLOW IS ASSOCIATED WITH SEVERE CHRONIC SUPERFICIAL VENOUS INSUFFICIENCY**
CR Lattimer, M Azzam, GC Makris, E Kalodiki, S Somaiyayulu, G Geroulakos
Ealing Hospital & Imperial College, London
- 10.22-10.29 **050 A ROLE FOR STATINS IN PROMOTING VENOUS THROMBUS RESOLUTION**
S Premaratne, A Abbas, A Ahmad, P Saha, A Patel, B Modarai, A Smith, M Waltham
Academic Department of Surgery, King's College London, BHF Centre of Research Excellence & NIHR Biomedical Research Centre at Kings Health Partners, London, United Kingdom
- 10.29-10.36 **051 CONTRAST ENHANCED AORTIC ULTRASONOGRAPHY - A LABORATORY UNENHANCED SURVEILLANCE PHANTOM TO DETERMINE THE LIMITATIONS OF ENHANCED AND ULTRASONOGRAPHY SCANNING FOR POST-OPERATIVE EVAR**
S Dindyal, M Brewin, A Thrush, M Birch, C Kyriakides
Barts and The London NHS Trust

- 10.36-10.43 **O52 A NANOCOMPOSITE POLYMER BASED THORACIC ENDOPROSTHESIS TO IMPROVE AORTIC COMPLIANCE MISMATCH FOLLOWING ENDOVASCULAR REPAIR**
M Desai (1,2), M Ahmed (2), X Zhou (3), Z You (3), AM Seifalian (2), G Hamilton (1,2)
(1) Department of Vascular Surgery, Royal Free Hampstead NHS Trust, London, UK (2) Centre for Nanotechnology, Biomaterial and Tissue Engineering, Division of Surgery and Interventional Science, University College London, London, UK (3) Department of Engineering Science, University of Oxford, Oxford, UK
- 10.43-10.50 **O53 APPLICATION OF MASS SPECTROMETRIC (MS) BASED PROTEOMICS COUPLED WITH ARTIFICIAL NEURAL NETWORKS ANALYSIS FOR BIOMARKER DISCOVERY OF ABDOMINAL AORTIC ANEURYSM (AAA)**
S Ehsan (1), D Boocock (2), G Ball (2), KE Herbert (1), RD Sayers (1), MJ Bown (1)
University of Leicester (1), Nottingham Trent University (2)
- 10.50-10.57 **O54 TISSUE ENGINEERING SMALL DIAMETER BYPASS GRAFTS: DECELLULARIZATION AND BIOCOMPATIBILITY OF PORCINE INTERNAL CAROTID ARTERIES**
M Tatterton (1), SP Wilshaw (2), S Korrosis (2), E Ingham (2), S Homer-Vanniasinkam (1)
(1) Leeds Vascular Institute, Leeds General Infirmary, Leeds, UK (2) Institute of Medical and Biological Engineering, University of Leeds, Leeds, UK.
- 10.57-11.04 **O55 5-YEAR OUTCOMES FROM A RANDOMISED CLINICAL TRIAL COMPARING 12W VS. 14W ENDOVENOUS LASER ABLATION IN THE TREATMENT OF GREAT SAPHEOUS VARICOSE VEINS**
N Samuel, T Wallace, D Carradice, J Hatfield, I Chetter
Academic Vascular Surgical Unit, Hull York Medical School/ University of Hull
- 11.04-11.11 **O56 AORTIC STIFFNESS AS A PREDICTOR OF ABDOMINAL AORTIC ANEURYSM (AAA) FORMATION**
A Abbas (1), A Smith (1), M Cecelja (2), T Hussain (3), G Greil (3), P Chowienczyk (2), M Waltham (1)
(1) Academic Department of Surgery, Kings College London, Cardiovascular Division, British Heart Foundation Centre of Excellence, NIHR Biomedical Research Centre at Guy and St Thomas NHS Foundation Trust, St Thomas Hospital, London, (2) Clinical Pharmacology Department, Kings College London, (3) Division of Imaging Sciences, Kings College London
- 11.11-11.18 **O57 TRENDS IN STATIN THERAPY IN VASCULAR SURGERY PATIENTS AND ITS EFFECTS ON PERI-OPERATIVE AND LONG TERM MORTALITIES**
M Ali (1), J Newman (2), N Dattani (1,2), M Bown (1,2), R Sayers (1,2), E Choke (1,2)
(1) Leicester Royal Infirmary, (2) University of Leicester
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- 11.20-11.50 **COFFEE AND TRADE EXHIBITION – Foyer/Clinical Skills Centre**
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- 11.50-13.00 **PLENARY SESSION 1 FOR THE PATEY PRIZE (7 papers) (7min + 3 min) – Lecture Theatre 1**
Chairs: Professor J Andrew Bradley and Professor Cliff Shearman
- 11.50-12.00 **O1 THE IN-VIVO BIOCOMPATIBILITY OF A NOVEL BIODEGRADABLE FRACTURE FIXATION DEVICE**
A Qureshi (1), I Ahmed (2), N Han (2), A Parsons (2), R Pearson (1), C Scotchford (2), C Rudd (2), BE Scammell (1)
(1) Division of Orthopaedic and Accident Surgery, (2) Division of Material, Mechanics and Structures, University of Nottingham
- 12.00-12.10 **O2 COLORECTAL CANCER STEM CELLS AND INTESTINAL STEM CELLS: THE TWO FACES OF JANUS**
TM Yeung (1,2), CJ Kuo (2), WF Bodmer (1)
(1) Weatherall Institute of Molecular Medicine, University of Oxford, UK, (2) Stanford University School of Medicine, USA
- 12.10-12.20 **O3 TRENDS IN MORTALITY AND INCIDENCE OF ABDOMINAL AORTIC ANEURYSMS IN ENGLAND AND WALES**
B Vijaynagar, M Bown, R Sayers, E Choke
University of Leicester

- 12.20-12.30 **04 GLOBAL CHARACTERISATION OF THE SRC-1 TRANSCRIPTOME IDENTIFIES DISINTEGRIN C AS AN ER-INDEPENDENT MEDIATOR OF ENDOCRINE RESISTANT BREAST CANCER**
 JC Bolger (1), DP McCartan (1), M McIlroy (1), C Byrne (1), A Fagan (2), J Xu (3), P O'Gaora (2), ADK Hill (1), LS Young (1)
 (1) Endocrine Oncology Research, Royal College of Surgeons in Ireland, Dublin (2) UCD School of Medicine and Medical Science, Conway Institute, University College Dublin, Dublin, Ireland (3) Department of Molecular and Cellular Biology, Dan L. Duncan Cancer Center, Baylor College of Medicine, Houston, Texas, United States
- 12.30-12.40 **05 VISCERAL OBESITY ALTERS EXPRESSION OF INFLAMMATORY MEDIATORS IN PATIENTS UNDERGOING GASTROINTESTINAL RESECTION**
 SL Doyle, CL Donohoe, JV Reynolds, GP Pidgeon, J Lysaght
 Trinity College Dublin
- 12.40-12.50 **06 HOW DO ABDOMINAL AORTIC ANEURYSMS (AAA) GROW?**
 AM Charnell (1,2), MA Bailey (1,3), KJ Griffin(1)(3), S Sohrabi (1), J Barnes (2), AB Johnson(1), PD Baxter (2), DJA Scott (1,3)
 (1) The Leeds Aneurysm Development Study (LEADS) Group, Division of Cardiovascular & Diabetes Research,(2) The Division of Biostatistics, The Leeds Institute of Genetics, Health & Therapeutics, The University of Leeds, Leeds LS2 9JT (3) The Leeds Vascular Institute, The General Infirmary at Leeds, Great George Street, Leeds LS1 3EX.
- 12.50-13.00 **07 REGULATORY B CELLS INDUCE LONG-TERM ALLOGRAFT SURVIVAL IN A MOUSE MODEL OF CHRONIC REJECTION**
 M Mallik, CJ Callaghan, M Negus, JA Bradley, GJ Pettigrew
 University Department of Surgery, Addenbrooke's Hospital, Cambridge Biomedical Research Centre, Cambridge, United Kingdom
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- 13.00-14.00 LUNCH AND TRADE EXHIBITION - Foyer**
POSTER JUDGING - Clinical Skills Centre
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- 14.00-15.00 PARALLEL ORAL PRESENTATIONS 2A (8 Papers) (5 min + 2 min) - Lecture Theatre 3 GENERAL SURGERY**
 Chairs: Mr Ashley Dennison and Professor Mike Larvin
- 14.00-14.07 **058 PLACEBO CONTROLLED DOUBLE BLIND RANDOMISED CLINICAL TRIAL OF TRANSVERSUS ABDOMINIS PLANE BLOCK IN LIVE DONOR NEPHRECTOMY**
 SA Hosgood, U Thiyagarajan, JP Hunter, A Bagul, ML Nicholson
 University of Leicester, Department of 3Is, Transplant Group
- 14.07-14.14 **059 COMPARISON OF FRESH FROZEN CADAVER; HIGH FIDELITY VIRTUAL REALITY SIMULATOR (LAP MENTOR, SIMBIONIX) AND BOX TRAINER AS METHODS OF TRAINING IN LAPAROSCOPIC INCISIONAL HERNIA REPAIR**
 M Sharma, AF Horgan
 Newcastle Surgical Training Centre, Freeman Hospital NHS Trust
- 14.14-14.21 **060 EMERGENCY ADMISSION DUE TO FEMORAL HERNIA: A POPULATION BASED STUDY USING LINKED UNITED KINGDOM PRIMARY AND SECONDARY CARE DATA**
 RS Radcliffe (1), J West (2), DJ Humes (1)
 (1) Nottingham Digestive Disease Centre and Biomedical Research Unit, QMC Campus, E Floor, West Block, Nottingham University Hospital NHS Trust (2) Division of Epidemiology and Public Health, Clinical Sciences Building, Nottingham City Hospital
- 14.21-14.28 **061 THE VALIDITY AND RELIABILITY OF PROCEDURE BASED ASSESSMENT IN SIMULATED VASCULAR PROCEDURES**
 LA Green, IC Chetter
 Academic Vascular Surgical Unit, Hull York Medical School, University of Hull, Hull and East Yorkshire NHS Trust
- 14.28-14.35 **062 WHAT IS LEARNT BY GENERAL SURGICAL TRAINEES IN THE OPERATING THEATRE?**
 AC Cope (1), S Mavroveli (1), J Bezemer (2), R Kneebone (1)
 (1) Imperial College London (2) Institute of Education, London
- 14.35-14.42 **063 OPTICAL FIBRE PROBE REFLECTANCE SPECTROSCOPY AS A TECHNIQUE TO DIAGNOSE LESIONS IN THE LOWER GASTROINTESTINAL TRACT**

H Selmi (1), V Sauvage (3), I Amygdalos (1), S Solanki (1), H Dhanapala (2), J Hoare (1), RD Goldin (1), GB Hanna (1), D Elson (3)
(1) Imperial College London, South Kensington, London, (2) St Mary's Hospital, Paddington, London, (3) Hamlyn Centre for Robotic Surgery, Institute of Global Health Innovation and Department of Surgery and Cancer, Imperial College London

- 14.42-14.49 **O64 E-ASSESSMENTS - CURRENT PERCEPTIONS IN CLINICAL PRACTICE**
S Parvizi, I Basu, K Chin
Milton Keynes General Hospital
- 14.49-14.56 **O65 COMPARISON OF FRESH FROZEN CADAVERS AND HIGH FIDELITY VIRTUAL REALITY SIMULATOR AS METHODS OF LAPAROSCOPIC TRAINING**
M Sharma, AF Horgan
Newcastle Surgical Training Centre, Freeman Hospital NHS Trust
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- 14.00-15.00 PARALLEL ORAL PRESENTATIONS 2B (8 Papers) (5 min + 2 min) – Lecture Theatre 4 UPPER GI SURGERY**
Chairs: Professor Derek Alderson and Mr James A Catton
- 14.00-14.07 **O66 SNAIL1: A MARKER OF EPITHELIAL MESENCHYMAL TRANSITION IN GASTRO-OESOPHAGEAL JUNCTION TUMOURS**
A Mirza, L Foster, S Pritchard, C West, I Welch
The University Hospital of South Manchester
- 14.07-14.14 **O67 RELEVANCE OF TUMOUR REGRESSION GRADE TO OESOPHAGEAL CANCER STAGING POST NEOADJUVANT CHEMORADIOTHERAPY**
CL Donohoe, S King, JV Reynolds
Dept of Surgery, Trinity College Dublin/St James's Hospital, Dublin, Ireland
- 14.14-14.21 **O68 TISSUE METABOLOMICS AND OESOPHAGEAL CARCINOGENESIS**
R Singhal, J Carrigan, C Ludwig, D Ward, R Hejmadi, W Wei, J Arrand, O Tucker, U Gunther, D Alderson
University Hospitals Birmingham
- 14.21-14.28 **O69 MAGIC REGIMEN CHEMOTHERAPY HAS A SURVIVAL ADVANTAGE COMPARED TO PREVIOUS COMBINATIONS TREATING GASTRO-OESOPHAGEAL ADENOCARCINOMA**
AM Reece-Smith, JP Duffy, S Madhusudan, SL Parsons
Nottingham City Hospital, Nottingham University Hospitals NHS Trust
- 14.28-14.35 **O70 THE RELIABILITY OF EUS IN DIFFERENTIATING TUMOUR STAGE IN OESOPHAGEAL CARCINOMA**
NJ O'Farrell (1), V Malik (1), C Johnston (2), C Muldoon (3), D O'Toole (4), JV Reynolds (1)
(1) Department of Surgery, Trinity Centre, St. James's Hospital, Dublin 8, Ireland. (2) Department of Radiology, St. James's Hospital, Dublin 8, Ireland. (3) Department of Pathology, St. James's Hospital, Dublin 8, Ireland. (4) Department of Gastroenterology, Trinity Centre, St. James's Hospital, Dublin 8, Ireland
- 14.35-14.42 **O71 DETECTION OF UPPER GASTROINTESTINAL PATHOLOGIES THROUGH ATTENUATION QUANTIFICATION OF OPTICAL COHERENCE TOMOGRAPHY SIGNAL USING A LINEAR MODEL**
S Solanki (1), I Amygdalos (1), H Selmi (1), P Garcia-Allende (3,4), H Dhanapala (2), J Hoare (1), G Erry (5), DS Elson (4), RD Goldin (1), GB Hanna (1)
(1) Imperial College London, South Kensington, London, (2) St Mary's Hospital, Paddington, London, (3) Institute for Biological and Medical Imaging, Helmholtz Zentrum München, Neuherberg, Germany, (4) Hamlyn Centre for Robotic Surgery, Institute of Global Health Innovation and Department of Surgery and Cancer, Imperial College London, (5) National Physical Laboratory, Teddington, Middlesex
- 14.42-14.49 **O72 TUMOUR REGRESSION GRADING CORRELATES TO SURVIVAL IN OESOPHAGO-GASTRIC CANCER. A REPORT OF CURRENT SURVIVAL OUTCOMES FOLLOWING NEO-ADJUVANT CHEMOTHERAPY**
AM Reece-Smith, I Soomro, S Madhusudan, SL Parsons.
Nottingham City Hospital, Nottingham University Hospitals NHS Trust
- 14.49-14.56 **O73 CAN NEOADJUVANT CHEMORADIOTHERAPY DOWNSTAGE NODE POSITIVE OESOPHAGEAL CANCER?**

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- 15.00-15.30** **SUS, SRS (SA) AND ESSR PRIZE WINNERS' PRESENTATION** (7 min + 3 min) – *Lecture Theatre 3*
Chairs: Professor Rob Sayers and Professor Alun Davies
- 15.00-15.10 **SRS (SA) 2011**
Eradication of H. Pylori in Tygerberg and Karl Bremer Hospitals, South Africa
Dr Bernie Maree
- 15.10-15.20 **SUS Travelling Fellowship Award Winner**
Novel Regulation of Human Adipose Derived Stromal Cell Osteogenesis Through Noggin Knockdown and a BMP-2 Slow Releasing Scaffold
Dr Benjamin Levi
- 15.20-15.30 **ESSR Walter Brendel Award**
Biological Properties & Regenerative Potential, In Vitro & In Vivo, of Human Cardiac Stem Cells Isolated from the Adult Human Heart
Dr Thomas Thelogou
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- 15.30-16.00** **COFFEE AND TRADE EXHIBITION** – *Foyer/Clinical Skills Centre*
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- 16.00-17.00** **PARALLEL ORAL PRESENTATIONS 3A** (8 Papers) (5 min + 2 min) – *Lecture Theatre 3 SURGICAL ONCOLOGY*
Chairs: Professor Dion Morton and Miss Rachel Hargest
- 16.00-16.07 **074 WAVE 3 EXPRESSION IN HUMAN COLORECTAL CANCER**
AMH Toms, AJ Sanders, R Hargest, WG Jiang
Cardiff University School of Medicine, University Hospital of Wales
- 16.07-16.14 **075 DEVELOPMENT OF A GEMCITABINE DOUBLE EMULSION FOR INTRATUMORAL THERAPY OF PANCREATIC CANCER**
DP Ivanov (1), S Stolnik (1), B Wolff (2), K Varadhan (3), DN Lobo (3), MC Garnett (1)
(1) School of Pharmacy, University Park, University of Nottingham, (2) School of Biosciences, Sutton Bonington (3) School of Clinical Sciences, Nottingham University Hospitals Queen's Medical Centre, Nottingham
- 16.14-16.21 **076 HIF-ISOFORMS HAVE DIVERGENT ROLES IN THE ANGIOGENESIS OF COLORECTAL CANCER**
N Thairu (1,2), S Kiriakidis (2), P Dawson (1), E Paleolog (2)
(1) Imperial College London, (2) Kennedy Institute of Rheumatology, Oxford University
- 16.21-16.28 **077 RNASEQ TRANSCRIPTOME ANALYSIS POINTS TO LINE1 CHIMERIC TRANSCRIPTS AS NOVEL BIOMARKERS FOR CRC**
MJ Blythe, R Wilson, O Peacock, A Lee, N Vafadar-Isfahani, A Aboobaker, J Lund, C Tufarelli
University of Nottingham
- 16.28-16.35 **078 MTSS1 A NEGATIVE REGULATOR OF MIGRATION AND INVASION OF COLORECTAL CANCER CELLS**
AM Siddiqui, L Ye, W Jiang, R Hargest, M Al-Rawi
Metastasis and Angiogenesis Group, University Hospital of Wales, Cardiff
- 16.35-16.42 **079 INVESTIGATING THE POTENTIAL USE OF LINE-1 CHIMERIC TRANSCRIPTS AS CANCER BIOMARKERS**
N Vafadar-Isfahani (1), O Peacock (1), H Cruickshanks (2), A Lee (1), J Lund (1), C Tufarelli (1)
(1) Division of Surgery, School of Graduate Entry Medicine & Health Sciences, University of Nottingham (2) CR-UK Beatson Laboratories, University of Glasgow
- 16.42-16.49 **080 NEUROPILIN-1: A PREDICTOR OF EARLY CARCINOGENESIS IN THE COLONIC EPITHELIUM**
JRL Wild, AQ Khan, N Xui Li, C Staton, K Chapple, BM Corfe
Academic Unit of Surgical Oncology, University of Sheffield

- 16.49-16.56 **O81 THE ROLE OF MIR-21 AND PDCD4 IN COLORECTAL CANCER**
O Peacock, A Lee, F Cameron, C Tufarelli, J Lund
School of Graduate Entry Medicine and Health, University of Nottingham, Royal Derby
Hospital, Uttoxeter Road, Derby
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- 16.00-17.00 PARALLEL ORAL PRESENTATIONS 3B** (8 Papers) (5 min + 2 min) – *Lecture Theatre 4*
TRANSPLANTATION
Chairs: Professor Michael Nicholson and Professor Steve White
- 16.00-16.07 **O82 SUCCESSFUL REANIMATION OF DONATION AFTER CARDIAC DEATH (DCD) HEARTS**
M Khurram(1), O Mownah (1), C Ray (1), A Kanwar (1), D Rees (1), J Brassil (1), S Stamp (2), N Carter (3), J Dark (1), D Talbot (1)
(1) Freeman Hospital, Newcastle Upon Tyne, UK, (2) Newcastle University, Newcastle Upon Tyne, UK, (3) University of Sunderland, Sunderland, UK
- 16.07-16.14 **O83 ISLET TRANSPLANT IN AN EX VIVO PORCINE LIVER-KIDNEY PERFUSION MODEL**
WY Chung, D Al-Leswas, S Illouz, A Arshad, MA Webb, A Alzaraa, C Pollard, MS Metcalfe, AR Dennison
Department of Hepatobiliary and Pancreatic Surgery, Leicester General Hospital, University of Leicester, Leicester, United Kingdom
- 16.14-16.21 **O84 NORMOTHERMIC KIDNEY PERFUSION.THE FIRST CLINICAL SERIES**
SA Hosgood, ML Nicholson
University of Leicester, Department of Infection, Immunity and Inflammation, Transplant Group
- 16.21-16.28 **O85 NAKED SMALL INTERFERING RNA (SIRNA) OF CASPASE-3 WAS EFFECTIVE IN PRESERVING ISOLATED PORCINE KIDNEYS, BUT DID NOT PROTECT TRANSPLANTED KIDNEYS**
C Yang (2,3), Y Jia (2)(3), T Zhao (2,3), Y Xue (2,3), Z Zhao (2,3), J Zhang (4), J Wang (2,3), X Wang (2,3), Y Qiu (2,3), M Lin (2,3), D Zhu (2,3), G Qi (2,3), Y Qiu (2,3), Q Tang (2,3), R Rong (2,3), M Xu (2,3), M Nicholson (1), T Zhu (2,3), B Yang(1,4)
(1) Transplant Group, Department of Infection, Immunity and Inflammation, University of Leicester (2) Department of Urology, Zhongshan Hospital, University of Fudan, China (3) Shanghai Key Laboratory of Organ Transplantation, China (4) Department of Nephrology, Affiliated Hospital of Nantong University, University of Nantong, China
- 16.28-16.35 **O87 THE MITOCHONDRIA-TARGETED ANTIOXIDANT MITOQ AMELIORATES RENAL ISCHEMIA REPERFUSION INJURY IN A MURINE MODEL**
AJ Dare (1), TA Prime (1), A Logan (1), EA Bolton (2), JA Bradley (2), K Saeb-Parsy (2), MP Murphy (1)
(1) MRC Mitochondrial Biology Unit, University of Cambridge (2) Department of Surgery, Addenbrooke's Hospital, University of Cambridge
- 16.35-16.42 **O88 COMPARABLE OUTCOMES FOR SIMULTANEOUS PANCREAS KIDNEY TRANSPLANTATION FROM CONTROLLED CARDIAC-DEATH AND BRAIN-DEAD DONORS**
MS Qureshi, CJ Callaghan, JA Bradley, CJE Watson, GJ Pettigrew
Cambridge Transplant Unit, Addenbrooke's Hospital, Cambridge
- 16.42-16.49 **O89 EARLY URINARY BIOMARKERS OF WARM AND COLD ISCHAEMIC INJURY IN AN EXPERIMENTAL KIDNEY MODEL**
SA Hosgood, JP Hunter, ML Nicholson
University of Leicester, Department of 3Is, Transplant Group
- 16.49-16.56 **O90 PROLONGED COLD ISCHAEMIA POTENTIATES THE MITOCHONDRIAL DAMAGE THAT OCCURS DURING WARM ISCHAEMIA IN RAT KIDNEYS**
AJ Dare (1), TA Prime (1), A Logan (1), K Saeb-Parsy (2), MP Murphy (1)
(1) MRC Mitochondrial Biology Unit, University of Cambridge (2) Department of Surgery, Addenbrooke's Hospital, University of Cambridge
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- 17.00-17.30 BRITISH JOURNAL OF SURGERY LECTURE** – *Lecture Theatre 1*
Learning to fly in 250 hours: An appendectomy, eight years?
Dr Richard Reznick

Dean, Faculty of Health Sciences, Queen's University
CEO, Southeastern Ontario Academic Medical Organization
Introduced by Professor J Andrew Bradley
We gratefully acknowledge the support of The BJS for this lecture

17.30-18.00 **ANNUAL GENERAL MEETING** – *Lecture Theatre 1*
ALL MEMBERS AND NON-MEMBERS ARE ENCOURAGED TO ATTEND THIS

19.00 **GALA DINNER** – **Senate Chamber, University of Nottingham**

THURSDAY 5 JANUARY

07.30 REGISTRATION

- 08.00-09.00** **SYMPOSIUM 2** – *Lecture Theatre 3*
Sports Medicine in the Olympic Year
Chairs: Professor Fares Hadad and Professor Mark Batt
- 08.00-08.15 **Dr Nick Peirce**, Chief Medical Officer England and Wales Cricket Board
Preparing athletes for competition
- 08.15-08.30 **Professor Mark Batt**, Consultant Sport & Exercise Medicine, Centre for Sports Medicine, Nottingham University Hospitals
Exercise Medicine and its current role
- 08.30-08.45 **Professor Fares Haddad**, Director – Institute of Sport, Exercise & Health, Division of Surgery & Interventional Science, University College London
The evolution of surgery for sports injuries of the hip and knee
- 08.45-09.00 Discussion
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- 08.00-09.00** **SYMPOSIUM 3** – *Lecture Theatre 4*
Comprehensive Local Research Networks: An Impetus for Clinical Research
Chairs: Professor Oleg Eremin and Professor John Scholefield
- 08.00-08.20 **Dr Jonathan Gower**, Assistant Director (Comprehensive Clinical Research Network) National Institute for Health Research
The NIHR Clinical Research Network: Opportunities and support for surgical research
- 08.20-08.40 **Mr Paul Marriott**, Secretary, West Midlands Research Collaborative
Growing Your Own - Trainee led initiatives in clinical trials - The West Midlands experience
- 08.40-09.00 **Professor Dion Morton**, Clinical Director to the Research Department, Royal College of Surgeons of England
Growing Recruitment to Intervention and Surgical Trials - GRIST
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- .30** **GUEST LECTURE** – *Lecture Theatre 1*
'Tissue Engineering for the Pelvic Floor – Why and How Far Have We Got?'
Professor Sheila MacNeil
Professor of Tissue Engineering, Department of Materials Science and Engineering, University of Sheffield
Introduced by Mr James Catto
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- 09.30-11.00** **SYMPOSIUM 4** – *Room B129*
ASiT
Chairs: Mr Bijan Modarai and Mr David Humes
- 09.30-10.00 **Mr Robert Hinchliffe**, Senior Lecturer/Honorary Consultant Vascular Surgeon, St George's Vascular Institute
Dedicated academic training pathways: Do they work?
- 10.00-10.30 **Mr Reza Mirnezami**, Clinical Research Fellow, Imperial College London
Embarking on research and obtaining a higher degree as a non-academic trainee.
- 10.30-11.00 **Professor Dion Morton**, Clinical Director to the Research Department, Royal College of Surgeons of England
Research: What can The Royal College of Surgeons offer you?
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- 09.30-11.00 PARALLEL ORAL PRESENTATIONS 4A** (12 Papers) (5 min + 2 min) – *Lecture Theatre 3*
COLORECTAL SURGERY
 Chairs: Professor Marc Winslet and Mr Jon Lund
- 09.30-09.37 **O91 A CLINICAL AUDIT & COST ANALYSIS OF BOTULINUM TOXIN THERAPY FOR CHRONIC FISSURE-IN-ANO AT A REGIONAL SURGICAL UNIT**
 M Rana, P Ziprin, P Paraskeva, P Tekkis, AW Darzi, S Purkayastha
 Imperial College Healthcare NHS Foundation Trust
- 09.37-09.44 **O92 TOLL-LIKE RECEPTOR-4 SIGNALLING CONFERS TUMOUR SURVIVAL VIA NOX GENERATED REACTIVE OXYGEN SPECIES IN COLON CANCER**
 DP O’Leary (1), L Bhatt (2), JH Wang (1), TG Cotter (2), HP Redmond (1)
 (1) Department of Academic Surgery, Cork University Hospital (2) Tumour Biology Laboratory, University College Cork
- 09.44-09.51 **O93 ANAL ACOUSTIC REFLECTOMETRY – A NOVEL TECHNIQUE IN THE EVALUATION OF MALE PATIENTS WITH FAECAL LEAKAGE**
 B Hornung (1), P Mitchell (1), N Klarskov (2), G Lose (2), G Carlson (3), E Kiff (1)
 (1) University Hospital South Manchester,UK, (2) Herlev Hospital, Denmark (3) Salford Royal University Hospital, UK
- 09.51-09.58 **O94 PROSPECTIVE COMPARISON OF BALLOON EXPULSION, ANORECTAL MANOMETRY AND EVACUATION PROCTOGRAPHY FOR THE DIAGNOSIS OF EVACUATORY DYSFUNCTION**
 S Palit, NN Thin, CH Knowles, SM Scott, PJ Lunniss
 Academic Surgical Unit, Barts and The London School of Medicine and Dentistry, London, UK.
- 09.58-10.05 **O95 HYPOXIA AND LINEAGE SPECIFICATION OF COLORECTAL CANCER STEM CELLS**
 TM Yeung (1,2) and W F Bodmer (1)
 (1) Weatherall Institute of Molecular Medicine, University of Oxford, UK (2) Stanford University School of Medicine, USA
- 10.05-10.12 **O96 IMPACT OF HOSPITAL VOLUME ON OUTCOMES OF RECTAL CANCER SURGERY: A SYSTEMATIC REVIEW AND META-ANALYSIS**
 D Archampong (1), DW Borowski (2)
 University Hospital Wales (1), University Hospital of North Tees (2)
- 10.12-10.19 **O97 MOLECULAR INSIGHTS INTO THE IMPACT OF ANTIBIOTIC AND VSL#3® PROBIOTIC THERAPY ON THE MICROBIOTA OF PATIENTS WITH POUCHITIS**
 S Gonsalves (1), M Lim (1), M Wilcox (2), P Sagar (1), D Burke (1), P Finan (1)
 (1) The John Goligher Colorectal Unit, The General Infirmary at Leeds (2) Department of Microbiology, The General Infirmary at Leeds
- 10.19-10.26 **O98 THE EFFECT OF PARATHYROID HORMONE ON GENE EXPRESSION IN AN IN-**
IN-
VITRO MODEL OF THE COLORECTAL EPITHELIUM
 M Walker (1), W Wei (2), G Matthews (1), DG Morton (1)
 (1) Department of Surgery, University of Birmingham (2) School of Cancer Sciences, University of Birmingham
- 10.26-10.33 **O99 DETECTION OF LOWER GASTROINTESTINAL PATHOLOGIES THROUGH ATTENUATION QUANTIFICATION OF OPTICAL COHERENCE TOMOGRAPHY SIGNAL USING A LINEAR MODEL**
 H Selmi(1), I Amygdalos(1),S Solanki(1), PB Garcia-Allende (3,4), H Dhanapala (2), J Hoare(1), G Erry (5), DS. Elson(4), RD Goldin(1), GB Hanna (1)
 Imperial College London, South Kensington, London (1), St Mary’s Hospital, Paddington, London (2), Institute for Biological and Medical Imaging, Helmholtz Zentrum München, Neuherberg, Germany (3), Hamlyn Centre for Robotic Surgery, Institute of Global Health Innovation and Department of Surgery and Cancer, Imperial College London (4), National Physical Laboratory, Teddington, Middlesex (5)
- 10.33-10.40 **O100 FAECAL BUTYRATE LEVELS HAVE DIFFERENT EFFECT ON CANCER AND BUTYRATE ADENOMA TISSUES: SUGGESTION OF EARLY BENEFICIAL ROLE OF DURING CARCINOGENESIS**
 AQ Khan, J Wild, X Nai, S Brown, C Staton, S Brown, B Corfe
 The University of Sheffield
- 10.40-10.47 **O101 IDENTIFICATION OF NOVEL MICRORNAS IN DEVELOPMENT AND COLON PROGRESSION OF DYSPLASIA AND CARCINOMA IN UC AFFECTED**

M Patel (1,2), MI Aslam (1,2), JS Jameson (1), JH Pringle (2), B Singh (1,2)
(1) University Hospitals of Leicester NHS Trust (2) University of Leicester

- 10.47-10.54 **O102 SHORT CHAIN FATTY ACIDS REGULATE THE STRUCTURE AND FUNCTION OF K8, A MAJOR CYTOSKELETON PROTEIN IN COLONOCYTES**
AQ Khan, JS Waby, S Brown, B Corfe
The University of Sheffield
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- 09.30-11.00 PARALLEL ORAL PRESENTATIONS 4B** (12 Papers) (5 min + 2 min) – *Lecture Theatre 4 HPB Surgery*
Chairs: Miss Paula Ghaneh and Mr David P Berry
- 09.30-09.37 **O103 DOES A PRO-THROMBOTIC ENVIRONMENT CONTRIBUTE TO THE DEVELOPMENT OF CHEMOTHERAPY ASSOCIATED LIVER INJURY IN PATIENTS WITH COLORECTAL LIVER METASTASES?**
SM Robinson (1,2), J Mann (1), AD Burt (1), DM Manas (2), DA Mann (1), SA White (1,2)
(1) Institute of Cellular Medicine, Newcastle University, Newcastle upon Tyne (2) HPB and Transplant Surgery, Freeman
- 09.37-09.44 **O104 THE USE OF NON-INVASIVE MRI TO QUANTIFY THE EFFECT OF SECRETIN ON PANCREATIC BLOOD FLOW AND PERFUSION IN HEALTHY VOLUNTEERS**
JK Smith, ST Francis, E Cox, AC Chowdhury, DN Lobo, J Simpson
Nottingham Digestive Diseases Centre NIHR Biomedical Research Unit, Nottingham
- 09.44-09.51 **O105 NOVEL SIMPLE METHOD FOR THE ISOLATION OF PANCREATIC STELLATE CELLS**
Q Nunes (1), D Latawiec (1), W Huang (1), M Awais (1), D Fernig (2), R Sutton (1)
(1) Liverpool NIHR Pancreas Biomedical Research Unit, Liverpool, (2) Institute of Integrative Biology, University of Liverpool
- 09.51-09.58 **O106 THE PROTECTIVE EFFECTS OF AUTOPHAGY DURING HEPATIC ISCHAEMIA AND REPERFUSION INJURY**
RH Bhogal, DH Adams, SC Afford
University of Birmingham
- 09.58-10.05 **O107 EXPRESSION OF THE COPPER EXPORT TRANSPORTER ATPASE 7B CORRELATES WITH TISSUE SPECIFIC INJURY IN A MURINE MODEL OF COLORECTAL LIVER METASTASES**
SM Robinson (1,2), J Mann (1), DM Manas (2), DA Mann (1), SA White (1,2)
(1) Institute of Cellular Medicine, Newcastle University, Newcastle upon Tyne (2) HPB and Transplant Surgery, Freeman Hospital, Newcastle upon Tyne
- 10.05-10.12 **O108 COMPARISON OF LIVER PARENCHYMAL ABLATION, TISSUE NECROSIS AND LATERAL THERMAL SPREAD USING THE HARMONIC SCALPEL™, THE LIGASURE™, THE CAVITRON ULTRASONIC SURGICAL ASPIRATOR AND THE TISSUELINK™ DISSECTOR**
JS Hammond (1), W Muirhead (1), I Cameron (1), AC Perkins (2), A Zaitoun (3), DN Lobo (1)
(1) Division of Gastrointestinal Surgery, (2) Department of Medical Physics, (3) Department of Pathology, Nottingham Digestive Diseases Centre NIHR Biomedical Research Unit, Nottingham University Hospitals, Queen's Medical Centre, Nottingham, UK
- 10.12-10.19 **O109 WEST MIDLANDS REGIONAL AUDIT ON THE MANAGEMENT OF GALLSTONE PANCREATITIS- LOW ADHERENCE TO THE GUIDELINES, BUT ARE THEY JUSTIFIED?**
M Johnstone, PJ Marriott, TJ Royle, CE Richardson, E Hepburn, A Torrance, A Patel, E Hamilton, K Futaba, L Whisker, N Carter, J Barnes, F Rafati, R Laing, A Jones, T Austin, A Ismail, K Bechman, TD Pinkney on behalf of the West Midlands Research Collaborative West Midlands Research Collaborative
- 10.19-10.26 **O110 OUTCOMES AFTER SPLIT AND DCD LIVER TRANSPLANTATION: A COMPARISON OF MARGINAL GRAFT TYPES**
M Mallik, CJ Callaghan, S Mir, M Hope, JA Bradley, GJ Pettigrew
University Department of Surgery, Addenbrooke's Hospital, Cambridge Biomedical Research Centre, Cambridge, United Kingdom
- 10.26-10.33 **O111 POST-OPERATIVE COMPUTED TOMOGRAPHY IN PANCREAS TRANSPLANTATION**

FE Powell, CJ Callaghan, SJ Harper, A Shaw, E Godfrey, CJ Watson, GJ Pettigrew
University Department of Surgery, Addenbrooke's Hospital, Cambridge University Hospitals
NHS Foundation Trust, Cambridge

- 10.33-10.40 **O112 BILIARY DYSFUNCTION IN PATIENTS WITH SINUSOIDAL OBSTRUCTION SYNDROME**
SM Robinson (1,2), A Koshy (1), A Knisely (3), DM Manas (2), AD Burt (1), SA White (1,2)
(1) Institute of Cellular Medicine, Newcastle University, Newcastle upon Tyne (2) HPB and
Transplant Surgery, Freeman Hospital, Newcastle upon Tyne (3) Kings College Hospital,
London, UK
- 10.40-10.47 **O113 AN IN-SILICO STUDY OF THE HEPARIN INTERACTOME IN PANCREATIC DISEASE**
Q Nunes (1), B Lane (1), R Sutton (1), D Fernig (2), O Vasieva (2)
(1) Liverpool NIHR Pancreas Biomedical Research Unit, (2) Institute of Integrative Biology,
University of Liverpool
- 10.47-10.54 **O114 NOTCH AS A TARGET FOR DIAGNOSIS AND TREATMENT OF PANCREATIC CANCER**
C Bastianpillai, M Manson, D Berry, M Cheng
University of Leicester
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- 11.00-11.30 COFFEE AND TRADE EXHIBITION** – *Foyer/Clinical Skills Centre*
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- 11.30-13.00 PARALLEL ORAL PRESENTATIONS 5A (12 Papers) (5 min + 2 min)** – *Lecture Theatre 3*
SURGICAL METABOLISM
Chairs: Professor Kenneth CH Fearon and Professor Paul Greenhaff
- 11.30-11.37 **O115 RELATIONSHIP BETWEEN LEAN MUSCLE MASS AND AEROBIC PERFORMANCE IN COLORECTAL CANCER**
T.Hossain, S.Nyasavajjala, M.Chakrabarty, B.Phillips, J.Lund, J.Williams
Division of Surgery, School of Graduate Entry Medicine and Health, University of Nottingham
Medical School at Derby, Royal Derby Hospital, Uttoxeter Road, Derby
- 11.37-11.44 **O116 SURGICAL RESECTION RELINQUISHES SUPPRESSION OF SKELETAL MUSCLE TURNOVER IN CANCER PATIENTS**
NA Stephens (1), IJ Gallagher (1), AJ MacDonald (1), RJE Skipworth (1), H Husi (1), CA Greig (1), JA Ross (1), JA Timmons (2), KCH Fearon (1)
(1) Department of Clinical and Surgical Sciences, University of Edinburgh, Edinburgh (2)
Lifestyle Research Group, Veterinary Basic Sciences, Royal Veterinary College, University of
London
- 11.44-11.51 **O117 A RANDOMISED CONTROLLED DOUBLE-BLIND STUDY ON THE EFFECTS OF 1- LITER INTRAOPERATIVE INFUSIONS OVER 1 HOUR OF 4% SUCCINYLATED GELATINE (GELOFUSINE®) AND 6% HYDROXYETHYL STARCH (VOLUVEN®) ON BLOOD VOLUME (NCT00868062)**
S Awad (1), S Dharamavaram (2), C Wearn (2), M Dube (2), DN Lobo (1)
(1) Division of Gastrointestinal Surgery, Nottingham Digestive Diseases Centre NIHR
Biomedical Research Unit, Nottingham University Hospitals, Queen's Medical Centre,
Nottingham, (2) Department of Surgery, Sherwood Forest Hospitals NHS Trust, Kings Mill
Hospital, Sutton-in-Ashfield, UK
- 11.51-11.58 **O118 THE EFFECT OF DIETARY CALCIUM SUPPLEMENTATION AND PARATHYROID HORMONE ON GENE EXPRESSION IN THE RECTAL MUCOSA**
M Walker (1), W Wei (2), G Matthews (1), DG Morton (1)
(1) Department of Surgery, University of Birmingham, (2) School of Cancer Sciences,
University of Birmingham
- 11.58-12.05 **O119 THE INFLUENCE OF ISCHAEMIA ON THE REGENERATIVE POTENTIAL OF SKELETAL MUSCLE**
M Fincher (1), R Yu (1), K Khan (2), S Kolvekar (3), D Lawrence (3), D Abraham (2), D Baker (1), J Tsui (1)
(1) Division of Surgery & Interventional Science, UCL, Royal Free Campus, London, UK (2)
Centre for Rheumatology & Connective Tissue Disease, UCL, Royal Free Campus, London, UK
(3) The Heart Hospital, London, UK

- 12.05-12.12 **O120 PHYSICAL ACTIVITY AS AN OBJECTIVE MEASURE OF FUNCTIONAL RECOVERY AND QUALITY OF LIFE FOLLOWING UPPER GASTROINTESTINAL CANCER RESECTION**
RJE Skipworth, PO Hendry, S Paterson-Brown, KCH Fearon
Clinical and Surgical Sciences (Surgery), University of Edinburgh, Royal Infirmary of Edinburgh, 51 Little France Crescent, Edinburgh
- 12.12-12.19 **O121 CARDIOPULMONARY EXERCISE TESTING PREDICTS SURVIVAL FOLLOWING ELECTIVE AAA REPAIR**
SW Grant (1), N Wisely (2), D Atkinson (3), P Lancaster (3), A Pichel (3), F Serracino-Inglott (3), V Smyth (3), CN McCollum (1), on behalf of the Manchester CPET Research Group
(1) The University of Manchester, Manchester Academic Health Science Centre (2) University Hospital of South Manchester (3) Central Manchester Foundation Trust
- 12.19-12.26 **O122 A RANDOMISED CONTROLLED TRIAL COMPARING STANDARD POSTOPERATIVE DIET WITH LOW VOLUME HIGH CALORIE ORAL SUPPLEMENTS IN COLORECTAL PATIENTS**
M Sharma, S Wahed, G O'Dair, L Gemmel, B Davidson, P Hainsworth, AF Horgan
Newcastle Surgical Training Centre, Freeman Hospital NHS Trust
- 12.26-12.33 **O123 THE ROLE OF THROMBOXANE SYNTHASE, PROSTACYCLIN SYNTHASE AND THE THROMBOXANE RECEPTOR IN THE PROGRESSION OF OESOPHAGEAL AND THEIR RELATIONSHIP TO SURVIVAL**
S Lynch, MC Cathcart, S Mc Garrigle, JV Reynolds, G Pidgeon
Department of Surgery, Trinity College Health Sciences Building, St James Hospital, Dublin
- 12.33-12.40 **O124 CARNITINE, PRE-OPERATIVE CARBOHYDRATE LOADING AND POST-OPERATIVE INSULIN RESISTANCE: A POTENTIAL MECHANISM**
S Awad (1), F Stephens (2), C Shannon (2), DN Lobo (1)
(1) Division of Gastrointestinal Surgery, Nottingham Digestive Diseases Centre NIHR Biomedical Research Unit, Nottingham University Hospitals, Queen's Medical Centre, Nottingham and (2) School of Biomedical Sciences, University of Nottingham, Nottingham, UK
- 12.40-12.47 **O125 DEOXYCHOLIC ACID DRIVES MITOCHONDRIAL INSTABILITY DURING PROGRESSION OF BARRETT'S OESOPHAGUS TO OESOPHAGEAL ADENOCARCINOMA**
NJ O'Farrell (1), EJ Fox (2), R Feighery (1), SL Picardo (1), R Casey (1), N Lynam-Lennon (1), M Biniiecka (1), JN O'Sullivan (1), JV Reynolds (1)
(1) Department of Surgery, Trinity Centre, St. James's Hospital, Dublin 8, Ireland (2) Department of Pathology, University of Washington, Seattle, WA, USA
- 12.47-12.54 **O126 SKELETAL MUSCLE AKT IN UPPER GASTROINTESTINAL CANCER PATIENTS AND ITS POTENTIAL AS A BIOMARKER OF CACHEXIA**
NA Stephens, IJ Gallagher, JA Ross, KCH Fearon
Department of Clinical and Surgical Sciences, University of Edinburgh, Edinburgh
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- 11.30-13.00 PARALLEL ORAL PRESENTATIONS 5B (12 Papers) (5 min + 2 min) – Lecture Theatre 4 MISCELLANEOUS**
Chairs: Professor Gordon L Carlson and Mr John Simpson
- 11.30-11.37 **O127 ENCAPSULATION OF ANGIOGENIC MONOCYTES: A NOVEL TOOL FOR CELL THERAPY**
AS Patel (1), A Smith (1), R Attia (1), P Saha (1), S Jayasinghe (2), B Modarai (1)
(1) King's College London BHF Centre of Excellence, Academic Department of Surgery, Cardiovascular Division. The NIHR Biomedical Research Centre at Guy's and St Thomas' NHS Foundation Trust and King's College London (2) BioPhysics Group, Department of Mechanical Engineering, University College London
- 11.37-11.44 **O128 A STUDY OF THE TEST-RETEST RELIABILITY OF PRESSURE PAIN THRESHOLD IN KNEE OSTEOARTHRITIS**
AI Simpson (1), M Wheeler (2), B Moreton (2), R Pearson (1), B Scammell (1), DA Walsh (2)
(1) Division of Orthopaedic and Accident Surgery, Queen's Medical Centre, Nottingham, UK (2) Division of Academic Rheumatology, City Hospital, Nottingham, UK.
- 11.44-11.51 ~~**O129 PAKS IN UROTHELIAL CANCER**~~ - Withdrawn
AF Ismail, P Dasgupta, CM Wells
King's Health Partnership

- 11.51-11.58 **O130 EARLY REMOVAL OF URETERIC STENTS AND ITS IMPACT ON REDUCING URINARY INFECTION IN RENAL TRANSPLANTATION**
UM Thiyagarajan, A Bagul, P Thiyagarajan, J Frost, ML Nicholson
- 11.58-12.05 **O131 GENE EXPRESSION PROFILING AND PROTEOMIC ANALYSIS OF CARTILAGE DEGRADATION IN A MOUSE MODEL OF OSTEOARTHRITIS**
MD Gardiner, A Chanalaris, H Nagase, J Nanchahal
Kennedy Institute of Rheumatology, University of Oxford
- 12.05-12.12 **O132 TISSUE-PROTECTIVE EFFECTS OF EPO AND EPO-DERIVATIVE IN ISOLATED HUMAN MYOBLASTS**
R Yu (1), K Khan (2), D Abraham (2), S Kolvekar (3), D Lawrence (3), D Baker (1), J Tsui (1) (1) Division of Surgery & Interventional Science, UCL, Royal Free Campus, UK (2) Centre for Rheumatology & Connective Tissue Disease, Division of Medicine, UCL, Royal Free Campus, UK (3) The Heart Hospital, University College London Hospitals NHS Trust, London, UK
- 12.12-12.19 **O133 CHARACTERISATION OF QUIESCENT INTESTINAL STEM AND CANCER STEM CELLS**
S Buczaccki (1), R Kemp (1), A Klein (2), RJ Davies (3), D Winton (1) (1) Cancer Research UK, Cambridge Research Institute, Cambridge, UK (2) Harvard Medical School, Boston, USA (3) Cambridge Colorectal Unit, Addenbrooke's Hospital, UK
- 12.19-12.26 **O134 HUMAN ANEURYSMAL VASCULAR SMOOTH MUSCLE CELL ACTIVATION BY OXIDIZED PHOSPHOLIPID AND INHIBITION BY PYRAZOLE-2**
BL Green, KL Brodie, R Bon, Y Majeed, K Riches, DJA Scott, KE Porter, DJ Beech
University of Leeds
- 12.26-12.33 **O135 THE HALLUCAL METATARSOSSESAMOID ARTICULATION - A THREE DIMENSIONAL QUANTITATIVE ANALYSIS**
B Jamal, A Pillai, S Kumar, Q Fogg
University of Glasgow
- 12.33-12.40 **O136 EXPERTISE RELATED DISPARITY IN PREFRONTAL CORTICAL EXCITATION ASSOCIATED WITH INTRA-OPERATIVE DECISION MAKING**
G Yongue (1), DR Leff (1), DRC James (1), I Vlaev (2), F Orihuela-Espina (1), B Seymour (2), R Dolan (2), GZ Yang (1) AW Darzi (1) (1) Hamlyn Centre for Robotic Surgery, Imperial College London, ASU 10th floor QEQM Building, St Mary's Hospital, London W2 1NY (2) Wellcome Trust Centre of Neuroimaging, 12 Queen's Square, London, UK
- 12.40-12.47 **O137 ENDOTHELIN-1 (ET-1) CONTRIBUTES TO ISCHAEMIC SKELETAL MUSCLE DAMAGE**
H Patel (1), X Shi-wen (2), M Dashwood (1), D Baker (1), J Tsui (1) (1) Division of Surgery & Interventional Science, UCL, Royal Free Campus, UK (2) Centre for Rheumatology & Connective Tissue Disease
- 12.47-12.54 **O138 ONCOLOGICAL & COSMETIC RE-INTERVENTION IN IMMEDIATE AND DELAYED BREAST RECONSTRUCTION**
ES McGrath, PS Waters, CA Malone, R McLoughlin, AJ Hussey, KJ Sweeney, MJ Kerin
Department of Surgery, University College Hospital Galway, Galway, Ireland
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- 13.00-14.00 LUNCH AND TRADE EXHIBITION - Foyer**
POSTER JUDGING - Clinical Skills Centre
- 13.15-14.00 LUNCHTIME GUEST LECTURE - Lecture Theatre 3**
'Repair of challenging abdominal wall defects with a biological mesh: an evidence-based review as the basis of defining the clinical strategy'
Dr Michael Franz
VP Global Clinical & Medical Affairs, LifeCell
Chair: Professor Gordon Carlson
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- 14.00-15.20 PLENARY SESSION 2 FOR THE PATEY PRIZE (7 papers) (7min + 3 min) - Lecture Theatre 1**
Chairs: Professor J Andrew Bradley and Professor Cliff Shearman

- 14.00-14.10 **CO-08 INTERLEUKIN-15 POTENTIATES CD8 AND NK EFFECTOR CELL EXPANSION AND TUMOUR KILLING IN PROSTATE CANCER-PERIPHERAL BLOOD MONONUCLEAR CULTURES**
OE Elhage, C Galustian, O Ukimura, I Gill, RA Smith, P Dasgupta
King's College London
- 14.10-14.20 **09 BLOOD BASED ASSAY FOR EARLY DETECTION OF COLORECTAL ADENOMA AND CARCINOMA**
MI Aslam (1,2), M Patel (1,2), B Singh (1,2), JH Pringle (2), JS Jameson (1)
(1) Department of Colorectal Surgery, Leicester General Hospital, University Hospitals of Leicester NHS Trust (2) Department of Cancer Studies and Molecular Medicine, University of Leicester
- 14.20-14.30 **010 DISRUPTION OF EATING PATTERNS AND INTESTINAL GLUCOSE SENSING IN OBESITY-INDUCED DIABETES**
H Y Bhutta (1,3), T Deelman (1,3), DB Rhoads (2,3), A Tavakkolizadeh (1,3)
(1) Brigham and Women's Hospital, (2) Massachusetts General Hospital, (3) Harvard Medical School
- 14.30-14.40 **011 SURGICAL STRESS INCREASES MUSCLE PYRUVATE DEHYDROGENASE KINASE-4 MRNA EXPRESSION AND IMPAIRS MUSCLE PYRUVATE DEHYDROGENASE COMPLEX ACTIVITY, AND MAY UNDERLIE POSTOPERATIVE MUSCLE INSULIN RESISTANCE**
KK Varadhan (1), D Constantin-Teodosiu (2), D Constantin (2), R Atkins (2), *PL Greenhaff*(2), *DN Lobo* (1) [*Joint senior authors]
(1) Nottingham Digestive Diseases Centre, NIHR Biomedical Research Unit, Nottingham University Hospitals Queen's Medical Centre, Nottingham, UK (2) Centre for Integrated Systems Biology and Medicine School of Biomedical Sciences, University of Nottingham, Nottingham, UK.
- 14.40-14.50 **012 THE TUMOUR SUPPRESSOR GENE, AIMP3 SENSITISES BLADDER CANCER TO CHEMO/RADIOTHERAPY IN VITRO AND IS A PROGNOSTIC MARKER FOR OVERALL SURVIVAL IN PATIENTS TREATED WITH RADIOTHERAPY FOR MUSCLE INVASIVE DISEASE**
PMS Gurung, M Williamson, C West, N Counsell, A Feber, P deWinter, T Powles, A Freeman, P Hoskins, JRW Masters, JD Kelly
University College London
- 14.50-15.00 **013 OESOPHAGEAL ADENOCARCINOMA TARGETED THERAPY: VEGF AS A CO-TARGET WITH IGF1R INHIBITION**
CI Donohoe, EP Stok, E Daly, J Lysaght, J O'Sullivan, GP Pidgeon, JV Reynolds
(1) Dept of Surgery, Trinity College Dublin, St James' Hospital, Dublin, Ireland (2) Dept of Pathology, Beaumont Hospital. Royal College of Surgeons, Dublin, Ireland
- 15.00-15.10 **014 NORMALIZATION OF THE PRO-THROMBOTIC DIATHESIS IN PATIENTS WITH ABDOMINAL AORTIC ANEURYSM (AAA) FOLLOWING ENDOVASCULAR (EVAR) AND OPEN ANEURYSM REPAIR (OAR)**
MF Abdelhamid (1,2), RSM Davies (1,2), DJ Adam (1), RK Vohra (2), AW Bradbury (1)
(1) University Department of Vascular Surgery, Heart of England NHS Foundation Trust, Birmingham, UK (2) Department of Vascular Surgery, University Hospital Birmingham NHS Foundation Trust, Birmingham, UK
- 15.10-15.20 **015 REPIGMENTATION OF CUTANEOUS SCARS IN BLACK AND WHITE SKIN: AN OBSERVATIONAL STUDY**
S Chadwick, MWJ Ferguson, M Shah
Central Manchester University Hospitals and University of Manchester

15.20-15.50 COFFEE AND TRADE EXHIBITION – Foyer/Clinical Skills Centre

15.50-16.20 GUEST LECTURE – Lecture Theatre 1
'Hearing without ears - combining science and surgery'
Professor Gerard O'Donoghue
Professor of Otology and Neurotology at the University of Nottingham
Chairs: Professor J Andrew Bradley and Mr Frank Smith

16.20-16.50 JOHN FARNDON MEMORIAL LECTURE – Lecture Theatre 1

'Science and Survival in Military Casualties'
Professor Sir Keith Porter
Professor of Clinical Traumatology, University of Birmingham
Chairs: Professor J Andrew Bradley and Mr Frank Smith

16.50-17.20 **PRESENTATION OF PRIZES** – *Lecture Theatre 1*
Professor J Andrew Bradley
