BAUS Section of Academic Urology
Thursday 9th January 2014

All sessions in the Music Room unless otherwise stated.

08.15 Registration opens

08.40 Introduction and Welcome:
   Professor Rob Pickard, Chairman, Section of Academic Urology
   Professor David Neal, Group Leader in the CRUK Cambridge Institute &
   Director of Research at the University of Cambridge

08.50 – 10.50 Oncology Paper session (16 papers) (5 + 2 minutes)

10.50 – 11.20 Coffee, Trade Exhibition and poster rounds

11.20 – 12.10 Poster Session 1 - Benign basic science and general oncology (12 posters) (2 + 2 minutes)

12.10 – 13.00 Genetically determined care in uro-oncology

13.00 – 13.20 Poster session 2 Prostate Cancer basic science (5 papers) (2 + 2 minutes)

13.20 – 14.00 Lunch, Trade exhibition and poster rounds

14.00 – 15.10 Patey Prize Session (7 papers) (7 + 3 minutes) Auditorium
   Chair: Professor Cliff Shearman and Professor Rob Pickard

15.10 – 15.30 Coffee, Trade Exhibition and poster rounds

15.30 -16.20 Poster session 3. Clinical Training and CaP (12 papers) (2 + 2)

16.30 – 16.50 Main auditorium – presentation of prizes
Paper Presentations – Oncology
Chairs: Mr Vincent Gnanapragasam and Professor Hing Leung

08.50 – 08.57  U1: Investigating Androgen Receptor expression and action using a culture model of Castration Resistant Prostate Cancer that induces Embryonic Stem Cell gene expression.

08.57 – 09.05  U2: Usp12 a novel AR co-regulator and PCa biomarker?
Burska U.L., Harle V.J., Coffey K., Darby S., Ramsey H., Gaughan L., Robson C.N., Newcastle University, Northern Institute for Cancer Research

09.05 – 09.12  U3: Regulation of the Androgen Receptor Function by a Metabolic Kinase in Prostate Cancer.
Asim M, Massie C, Zecchini H, Mohammad H, Baridi A, Gomes N, Zecchini V, Madhu B, Quershi A, Neal D. Cambridge Research Institute and Department of Oncology, University of Cambridge

09.12 – 09.19  U4: Interleukin-15 activates NK and CD8 T cells within the Prostate cancer microenvironment by expanding activatory NK cell receptors and attenuating inhibitory HLA ligands on tumour cells
Sakellariou CAS, Elhage OE, Ukimura OU, Gill IG, Smith RAS, Galustian CG, Dasgupta PD. Kings College and MRC Centre for Transplantation, Guys Hospital, London

09.19 – 09.26  U5: Establishing a 3D primary tissue culture assay to explore self-renewal in murine adult prostate epithelial stem cells (PrSCs)
Cox AC, Jefferies MT, Kynaston HG, Clarke AR. Department of Urology, University Hospital of Wales, Cardiff

09.26 – 09.33  U6: Spermatogonial Stem Cells: A Route To Preserving Fertility
Sandher R K, Pickard R, Herbert M. Newcastle University

Dyer J.E., Dormer J, Heer R, Robson C, Tulchinsky E, Mellon J.K. Leicester General Hospital

09.40 – 09.47  U8: Methylation Status of HOXA9, SPAG6, ZIC1 and ZNF154 in Primary G3pT1 TCC Samples from a Bladder Cancer Prognosis Programme (BCPP) Cohort
U9: Hes6 drives a critical androgen receptor (AR) transcriptional program to induce castration resistant prostate cancer (CRPC) through activation of an E2F1-mediated cell cycle network

U10: Ciprofloxacin Resistance and Transrectal Ultrasound (TRUS)-Guided Biopsy Sepsis: A Prospective Analysis

U11: Urine biomarkers for prostate cancer
Yazbek Hanna M, Clark J, Hurst R, Mills R, Rochester M, McCarthy F, Brewer D, Edwards D, Parker C, Cooper C. Urology Department, Norfolk and Norwich University Hospital / University of East Anglia

U12: Can prenephroureterectomy ureteroscopy (PNU) reliably diagnose urothelial carcinoma in situ?
Gillan AS, Kata G, Nabi G, Tayside Urological Cancers Network, Ninewell Hospital, Dundee

U13: Molecular Analysis of Primary Multifocal Bladder Cancer Patients and their Recurrence: Three Years On
Yuen KK, Turo R, Jain S, Knowles M. Department of Urology, St James’s University Hospital, Leeds Teaching Hospitals NHS Trust

U14: A Decision-Analytic Cost-effectiveness Model to Compare Treatment Options for Radiation Recurrent Prostate Cancer against Androgen Deprivation Therapy
Leung HYL, Boyd K, Jones RJ, Paul J, Briggs AH. Beatson Institute, Glasgow

U15: Comparison of Radical Treatment and Mortality in Patients with Non-Metastatic Prostate Cancer in England and USA
Sachdeva A, van der Meulen J, Cathcart P The Royal College of Surgeons of England (1,2,3), University College London (1,3), London School of Hygiene & Tropical Medicine (2), Barts Cancer Institute (3)
U16: Is preoperative exercise to improve fitness before cystectomy feasible? Results from a randomised controlled study
Banerjee S, Manley K, Shaw B, Thomas L, Rochester M, Saxton J, Mills R. Norfolk and Norwich University Hospital NHS Foundation Trust
Poster Session 1 – Benign basic science and general oncology
Chairs: Professor Prokar Dasgupta and Professor Howard Kynaston

11.20-11.24  U17: Vasa nervorum in rat major pelvic ganglion are innervated by nitriergic nerve fibres
Cellek S, Beetson K. A., Smith S. F., Muneer A., Cameron N. E., Cotter M. A., Cranfield University

11.24-11.28  U18: The detection and role of myofibroblasts in Peyronie's disease
Stebbeds WJDS, Mateus MM, Raheem AR, Muneer AM, Christopher NC, Ralph DJR, Cellek SC, Cranfield University

Mateus MIRM, Stebbeds WJDS, Raheem AR, Muneer AM, Christopher NC, Ralph DJR, Cellek SC, Cranfield University

11.32-11.36  U20: Improving elastogenesis in a tissue engineered repair material for pelvic floor surgery
Osman I, Roman S, Bullock AJ, Sefat F, Chapple CR, MacNeil S. Kroto Research Institute, Edinburgh

11.36-11.40  U21: Interleukin-15 increases the lifespan and telomerase expression of CD8+ T, NK and NKT cells
Nayar SN, Sakellariou CA, Elhage O, Ukimura O, Gill I, Smith RA, Galustian C, Dasgupta P. King's College London, Guy's Hospital

11.40-11.44  U22: The role of complement in renal ischaemia reperfusion injury
Sayers R, Fearn A, Talbot D, Sheerin N. Newcastle University

11.44-11.48  U23: E. coli inhibits innate immunity to facilitate pyelonephritic infections
Parker S, Ali A, Sheerin N, Hall J, Pickard R. Newcastle University

11.48-11.52  U24: Oestrogen and the innate epithelial defences of the urogenital tract
Stanton AM, Lanz M, Townes CL, Ali ASM, Hall J, Pickard RS. Newcastle University

11.52-11.56  U25: Uropathogenic Escherichia coli behaviour in different growth mediums and avoidance of the innate immune response
11.56-12.00  U26:  Autofluorescence signals for the detection of urinary bladder cancer  
               Palmer S.G., Nabi G., Rafailov E.U., Sokolovski S.G. Ninewells Hospital and Medical School

12.00-12.04  U27:  Investigating PARP-1 expression and activity in male and female, benign and malignant renal tissue  
               Shekarchi-Khanghahi E., Curtin N.J., Heer R. Northern Institute for Cancer Research

12.04-12.08  U28:  Circulating Tumour DNA as a Diagnostic Aid in Urological Cancers  

Genetically determined care in uro-oncology  
Chair: Professor David Neal

12.10-12.15  Introduction – Professor David Neal

12-15-12.45  U29:  Guest Lecture, Professor Paul Pharoah, Professor of Cancer Epidemiology, University of Cambridge

               Mikropoulos C 1, Bancroft E 2, Page E 1, Castro E 1, Taylor N 2, Eeles R 1 & 2  
               Institute of Cancer Research (1), Royal Marsden Hospital (2)

12.52-13.00  Discussion

Poster Session 2 – Prostate Cancer basic science  
Chair: Professor Craig Robson

13.00-13.04  U31:  Next generation sequencing of advanced non-castrate prostate cancer treated with docetaxel chemotherapy  
               CR-UK Beatson Institute, Glasgow
U32: Overcoming inherent variability in prostate cancer TMA analysis using novel quantitative imaging for biomarker validation


U33: Exploring the effect of the dietary bioactive sulforaphane on tricarboxylic acid (TCA) cycle intermediates in the human prostate

Al Kadhi OS, Melchini A, Saha S, Mills RD, Ball R, Cooper C, Traka M, Mithen R. Norfolk and Norwich University Hospital NHS Trust

U34: In vitro analysis of AMPK in human prostate cancer

Leung HY, Choudhury Y, Yang P, Salt I. Beatson Institute for Cancer Research, Glasgow

U35: Finding a niche. The location of human prostate stem cells


Poster Session 3 – Clinical training and CaP

Chairs: Professor Rob Pickard and Mr Ravi Barod

U36: The effect of challenge and threat states on the acquisition and performance of a laparoscopic surgical task

Chandra-Ramanan J, Vine S J, Moore L J, Williams M R, Freeman P. Royal Gwent Hospital

U37: Are mentorship programmes in urology effective? A systematic review


U38: Face and Content Validation of the Prostatic Hyperplasia Model and HoLEP Simulator

Aydin A, Ahmed K, Brewin J, Khan MS, Dasgupta P, Aho TF. MRC Centre for Transplantation, King’s College London

U39: Validation of the GreenLight Simulator and Development of a Training Curriculum for GreenLight Laser Prostatectomy

Ahmed K, Aydin A, Muir GH, Khan MS, Dasgupta P. MRC Centre for Transplantation, King’s College London


15.56-16.00 U42: Von Hippel-Lindau Renal Cell Carcinoma- Surgical Interventions, Natural History and Tumour Growth Rate Lemon TI, Coulthard R, Pelz F. Cardiff University


16.04-16.08 U44: We report the outcomes after robotic-assisted laparoscopic radical prostatectomy for men with localised high-risk prostate cancer Johnston TJ, Thomas B, Gnanapragasam V, Shah N, Shaw G, Neal DE. Addenbrooke's Hospital, Cambridge


16.16-16.20 U47: Does a negative MRI predict the absence of prostate cancer on transperineal mapping biopsies? Mukherjee A, Morton S, Fraser S, Salmond J, Baxter G, Leung H. Beatson Institute, Glasgow