

8.50pm **MicroRNAs as novel metabolic biomarkers and potential therapeutic targets for obesity**
HM Heneghan¹, N Miller¹, JB Conneely¹, T O'Brien², OJ McAnena¹, MJ Kerin¹
Department of Surgery, NUI Galway and Galway University Hospital; 2. Department of Medicine, NUI Galway and Galway University Hospital

9.00pm **The Ubiquitin Proteasome Pathway (UPP) and its role in colon cancer: the potential of proteasomal inhibition.**
McCawley N^{1,3}, Conlon S², Dicker, P³ Concannon CG³, Prehn JHM³, Kay EW², Deasy J¹, McNamara D¹
1 Department of Colorectal Surgery, Beaumont Hospital, Dublin 9; 2 Department of Pathology, Beaumont Hospital and RCSI, Dublin 9; Department of Physiology and Medical Physics, RCSI, Dublin 2.

9.10pm **Plant-derived oestrogens exert a direct receptor-mediated effect on human colon.**
AM Hogan (1,2), D Collins (1,2), Sheehan K, AW Baird (2), DC Winter (1).
¹Institute for Clinical Outcomes Research and Education iCORE, St Vincent's University Hospital, Dublin 4; ²Conway Institute of Biomolecular and Biomedical Research and College of Life Sciences, UCD, Belfield, Dublin 4.

9.20pm **Tea & Coffee**

**Judges retire to make their selection.
Presentation to Winner**

**ATTENDANCE AT THIS MEETING
QUALIFIES FOR 2 CPD Credits Programme**
(Applicants must sign the attendance sheet)

**The RAMI Section of Surgery would like to thank
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Royal Academy of Medicine in Ireland

Section of Surgery

**Frederick House,
19, South Frederick Street,
Dublin 2**

**Surgical Registrars Prize 2010
(Royal Academy of Medicine in Ireland)
Thursday 28th January 2010**

Programme

7.30pm **POTENTIAL OF JAM-A AS AN ANTI-PROLIFERATIVE TARGET IN BREAST CANCER**
Offiah Gozie, McSherry Elaine, Hill Arnold, Hopkins Ann.
Department of Surgery, RCSI Education & Research Centre, Beaumont Hospital, Dublin 9.

7.40pm **Hypoalbuminaemia is an independent risk factor for the development of surgical site infection following gastrointestinal surgery. A multi-institutional study.**
Derek B. Hennessey^{1,2}, John P. Burke², Tara Ni-Donochu³, Conor Shields³, Desmond C. Winter², Kenneth Mealy¹.
¹Department of Surgery, Wexford General Hospital, Wexford; ²Department of Surgery, St Vincent's University Hospital, Elm Park, Dublin 4; ³Department of Surgery, Mater Misericordiae University Hospital, Eccles St, Dublin 7.

7.50pm **Systemic miRNA levels as novel breast cancer biomarkers.**
Heneghan HM¹, Miller N¹, Newell J², Kerin MJ¹.
¹ Department of Surgery, National University of Ireland, Galway, Ireland; ² Biostatistics Unit, Clinical Research Facility, National University of Ireland, Galway, Ireland

8.00pm **Tolerance induced by gram-positive & gram-negative bacteria in murine macrophages induces two distinct categories of gene expression which have opposing functions in the inflammatory process**
DP Power, JH Wang, HP Redmond
Department of Academic Surgery, University College Cork, Cork University Hospital, Ireland

8.10pm **Regional differences in urea transport in human colon.**
D Collins (1,2), AM Hogan (1,2), L Schirmer (3), AW Baird (2), GS Stewart (3), DC Winter (1)
(1) Institute for Clinical Outcomes Research & Education (iCORE), St Vincent's University Hospital, Elm Park, Dublin 4; (2) College of Life Sciences & Conway Institute of Biomedical and Biomolecular science, University College Dublin; (3) School of Biology and Environmental Science, UCD Science Centre West, University College Dublin, Dublin

8.20pm **N-cadherin: a novel mediator of fibroblast migration in fibrostenotic Crohn's disease.**
J.P. Burke^{1,2}, M. F. Cunningham¹, N.G. Docherty², P.R. O'Connell^{1,2}.
Department of Surgery, St. Vincent's University Hospital¹ and UCD School of Medicine and Medical Science, Conway Institute², University College Dublin, Ireland

8.30pm **An insight into the transcriptional regulation of S100Beta in malignant melanoma**
C de Blacam¹, M McIlroy¹, G Murphy², B Kneafsey³, ADK Hill¹, L Young¹
¹. Department of Surgery, Beaumont Hospital Dublin; ². Department of Dermatology, Beaumont Hospital Dublin
³Department of Plastic, Reconstructive and Aesthetic Surgery, Beaumont Hospital Dublin

8.40pm **Are Baseline Bladder Volumes Achieved at Different Pressures using Xenogenic Urinary Bladder Matrix (UBM) Grafts in Ovine Models?**
Davis NF^{1,2}, Callanan A², McGuire BB¹, Flood HD¹, McGloughlin TM²
¹.Department of Urology, Mid-Western Regional Hospital, Dooradoyle, Limerick; ². Centre for Applied Biomedical Engineering Research, Department of Mechanical and Aeronautical Engineering and Materials and Surface Science Institute, University of Limerick, Ireland