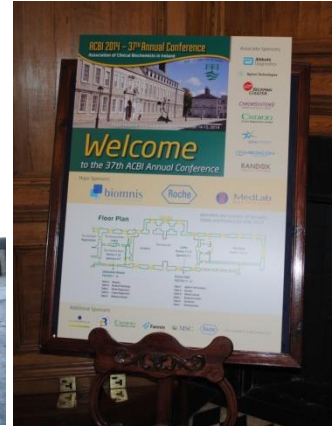


ACBI 2014 – 37TH Annual Conference
Royal Hospital Kilmainham, Dublin • November 14-15, 2014



09:00-10:00: Registration. Tea/Coffee/Light Refreshments



Conference Opening

10:00-10:15:

Dr Martin Healy, Chairman, Conference Committee.
Welcome.



Ms. Paula O'Shea, President of the ACBI.
Opening Remarks.



10:15-10:45:

Professor William Reville,
Emeritus Professor of Biochemistry and
Public Awareness of Science Officer at
University College Cork.
Science and Society



Session 1 Friday Morning

Translating Data and Research into Health Outcomes

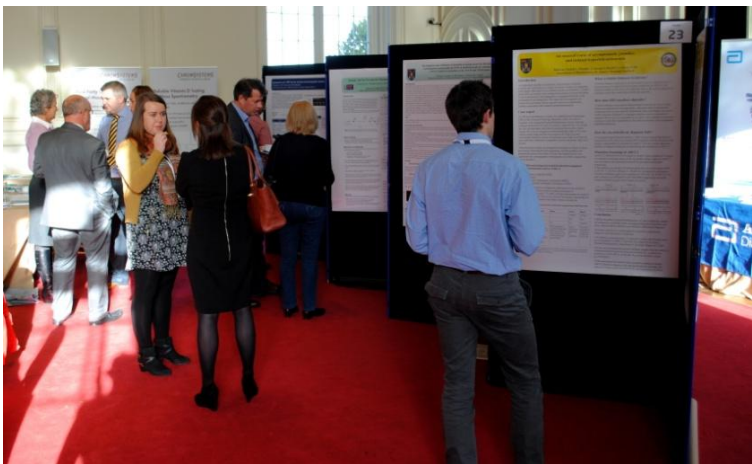
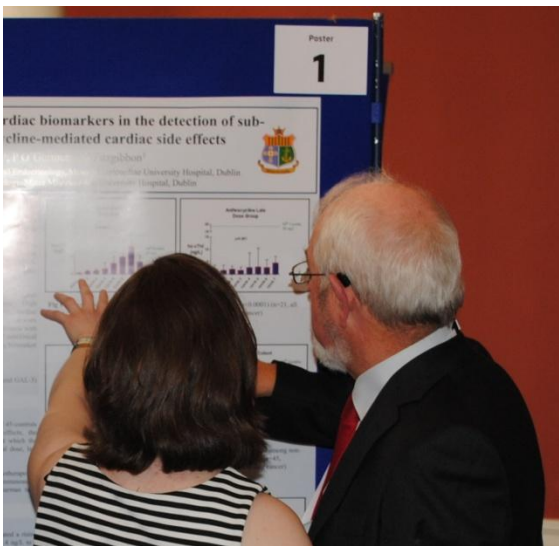
Chair: Dr. Damian Griffin,
(Consultant Chemical Pathologist,
Galway University Hospital)

10:45-11:30: **Prof. Jonathan Kay,**
Nuffield Department of Clinical Laboratory Sciences,
University of Oxford
*Reusing Laboratory Data to Improve the Health of
the Population*



11:30-11:50: Tea/Coffee/Biscuits & Poster Viewing







Session 1 Friday Morning

Translating Data and Research into Health Outcomes

Chair: Dr. Damian Griffin, (Consultant Chemical Pathologist, Galway University Hospital)

11:50-12:35: **Prof. A Neil Turner**, Professor of Nephrology, University of Edinburgh

10 Years of Giving Patients Live Access to Results – PatientView



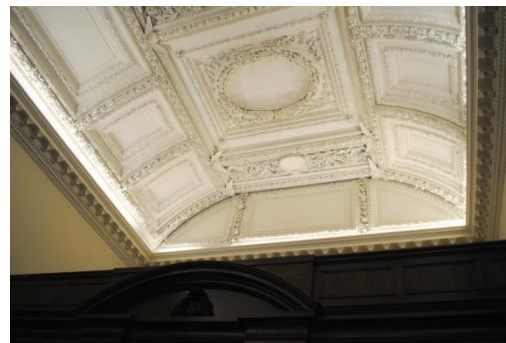
12:35-13:20: **Prof. John Reynolds**, Department of Surgery, Trinity Centre for Health Sciences, Trinity College Dublin and St. James's Hospital, Dublin. ***Surgery at the Translational Interface in Cancer Research***

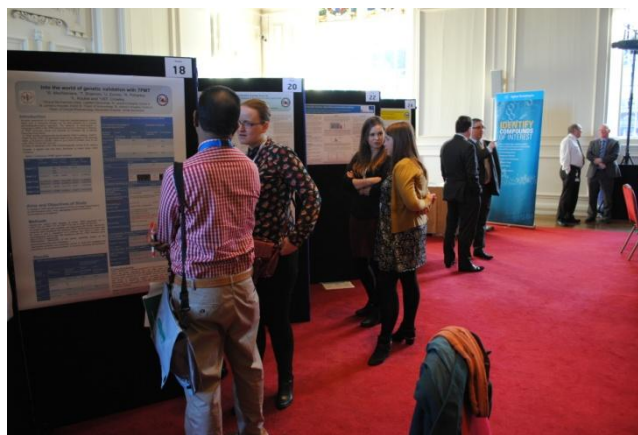


13:20-14:30:
Buffet Lunch



13:20-14:30:
Buffet Lunch





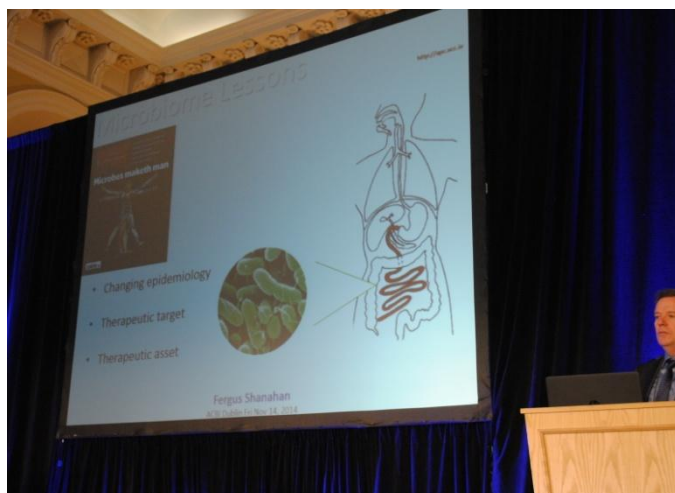
Session 2 Friday Afternoon

Inflammation: Laboratory and Clinical Aspects

Chair: Dr. Vivion Crowley, (Consultant Chemical Pathologist, St. James's Hospital, Dublin)

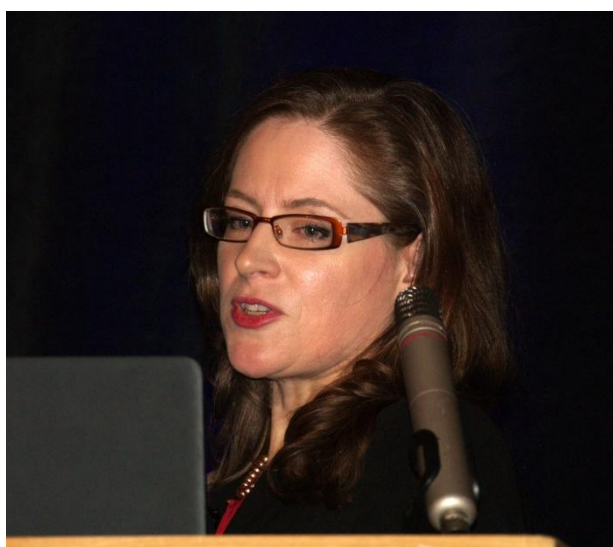


14:30-15:15: **Prof. Fergus Shanahan**, Professor of Medicine and Director Alimentary Pharmabiotic Centre, University College Cork.
The Microbiome – Lessons Learned



15:15-16:00: **Prof. Maria O'Sullivan**, Professor in Human Nutrition, Trinity Centre for Health Sciences, St James's Hospital, Dublin.

Vitamin D as an Anti-inflammatory Therapy in Inflammatory Bowel Disease – New Hope or False Dawn?



Session 2 Friday Afternoon

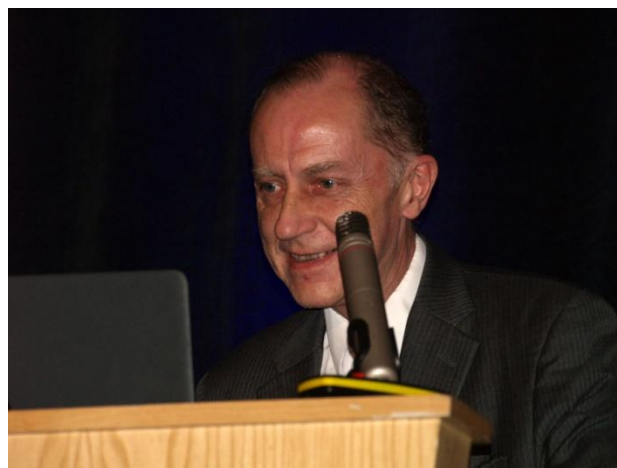
**Inflammation: Laboratory and Clinical Aspects
(continued)**

16:00-16:45:

Prof. Roy Sherwood,

Consultant Clinical Scientist & Scientific Director,
Viapath, King's College Hospital and Professor of
Clinical Biochemistry, King's College London

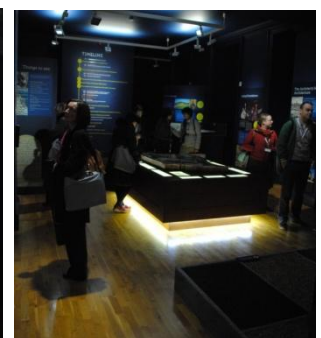
***Biomarkers in the Diagnosis and Management of
Inflammatory Bowel Disease***



16:45-17:15 Tea/Coffee/Biscuits & Poster Viewing.



17:15-17:45 Guided Tour of RHK Buildings



Friday Evening November 14th

19:15: Wine Reception in RHK (*Classical music provided by Astral String Quartet*).







Friday Evening November 14th

20:00-late: Annual Dinner and Musical Entertainment in RHK
(Astral String Quartet – from Baroque to Rock)

Speeches:

President ACBI: **Paula O'Shea.**

MC: Paddy Quigley.



On behalf of the guests: **Professor William Reville.**



On behalf of ACBI commercial partners:
Dr. Liliana Codrescu

Chairman of the Organising Committee:
Dr Martin Healy.



Session 3 Saturday Morning



09:00-10:00 ACBI AGM (Ordinary Members only)



10:00-10:30 Tea/Coffee/Light Refreshments



Session 3 Saturday Morning

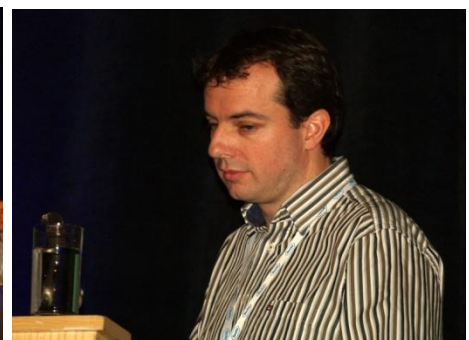
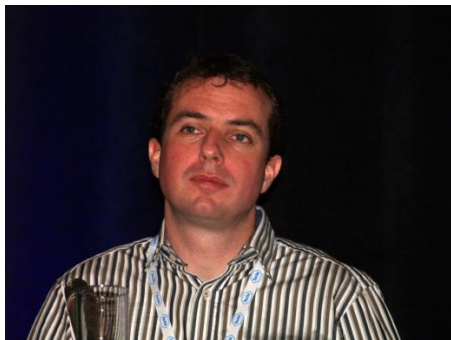
Genetics: Laboratory Aspects and Clinical Breakthroughs

Chair: Ms. Caroline Joyce,
(Principal Clinical Biochemist, Cork University Hospital)

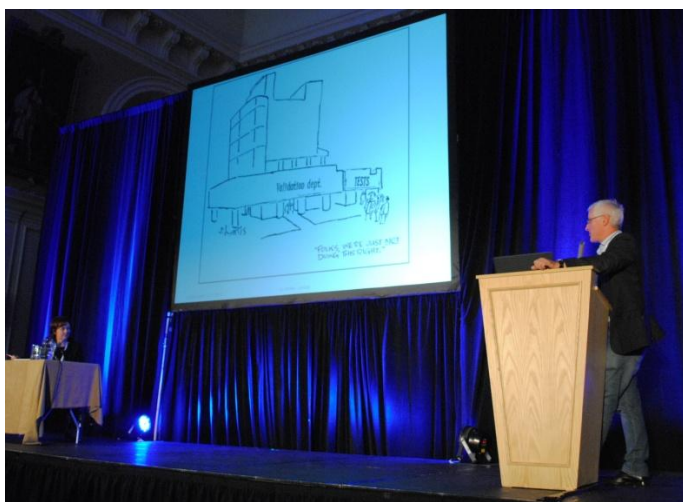
10:30-11:15:

Dr. Derek Morris,
Co-Director, CogGene Group,
National University of Ireland, Galway

Next Generation Sequencing: Applications and Challenges in the Clinic



11:15-12:00: **Dr. Michael Morris,** Director, Department of Molecular Diagnostics, synlab, Lausanne, Switzerland
How can we Assure the Quality of Genetic Tests?



Session 3 Saturday Morning

12:00-12:45:

Prof. Sir Stephen O’Rahilly, Professor of Clinical Biochemistry and Medicine, University of Cambridge
Human Metabolic Disease: Lessons from the Extremes.



12:45-13:45: Buffet Lunch



Session 4 Saturday Afternoon

13:45-14:15: Judges Poster Tour. [of five short-listed posters]

Poster 1.

Evaluation of novel cardiac biomarkers in the detection of subclinical anthracycline-mediated cardiac side effects**Melissa Jones¹**, Dr. Peter O' Gorman², Dr. Maria Fitzgibbon¹.¹Department of Clinical Chemistry and Endocrinology, Mater Misericordiae University Hospital, Dublin, ²Department of Haematology, Mater Misericordiae University Hospital, Dublin

Poster 5.

Procalcitonin in low risk pregnancy and postpartum period**Shane Deasy**, Keelin O'Donoghue, Mary Stapelton, Alice O'Brien, Caroline Joyce.Biochemistry Dept.,
Cork University
Hospital, Wilton,
Cork, Ireland

Poster 7.

Transitioning 'high-sensitivity' troponin into routine diagnostic use. More than just a sensitive issue!¹Lee GR, ¹Brown T, ²Khan I, ¹Guest B, ¹Fitzgibbon MC¹Dept. of Clinical Biochemistry and Diagnostic Endocrinology, Mater Misericordiae University Hospital¹Dept of
Cardiology., Mater
Misericordiae
University Hospital

Poster 18.

Into the world of genetic validation with TPMT**¹Barbara MacNamara,**¹Tom Shannon, ²JeanDunne, ³Anton Pohanka, ³Larissa Koukel, ¹Vivion Crowley¹Molecular Diagnostics Laboratory, Dept. Of Biochemistry, St. James's Hospital, Dublin 8. ²Dept. Of Immunology, St. James's Hospital, Dublin 8.³Dept. Of Clinical Pharmacology, Karolinska Hospital, 14186 Stockholm, Sweden



Poster 28.

Can Harmonised Reference Intervals be Applied in Ireland?

Peadar McGing¹, Bernadette Jackson², Ruth O'Kelly³, Irene Regan⁴, Paula O'Shea⁵, and Hazel Graham⁶.

¹Department of Clinical Chemistry and Diagnostic Endocrinology, Mater Misericordiae University Hospital, Dublin; ACBI, ² Point of Care Manager, Naas General Hospital; AMLS, ³Department of Biochemistry, Coombe Women and Infants University Hospital; ACBI, ⁴ Coagulation Department, Our Lady's Children's Hospital, Crumlin, Dublin; AMLS, ⁵Department of Clinical Biochemistry, Galway University Hospitals; ACBI, ⁶ IEQAS, Unit B06 Nutgrove Enterprise Park, Dublin; IEQAS

Session 4 Saturday Afternoon

Clinical Cases/Guest Lecture/Poster Prize

Chair: Dr. Ned Barrett, (Retired Consultant Clinical Biochemist, University Hospital, Limerick)

14:20-14:40: **Ms. Caroline Joyce**,
Principal Clinical Biochemist, Cork University Hospital
Unravelling a Case of Neonatal Diabetes

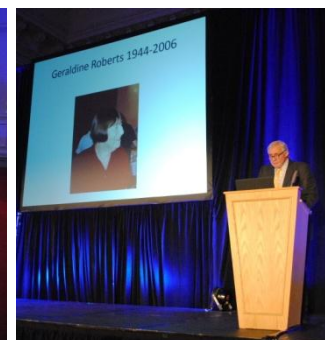
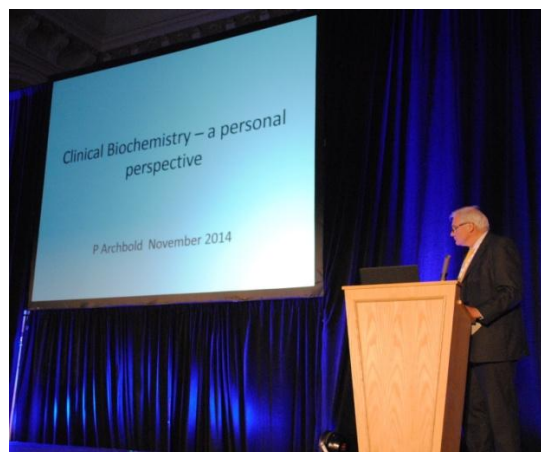


14:40-15:00: **Ms. Deirdre Deverell**,
Principal Clinical Biochemist, Temple Street
Children's University Hospital, Dublin
Molybdenum Cofactor Deficiency – Diagnostic Pitfalls on Day 2 of Life.

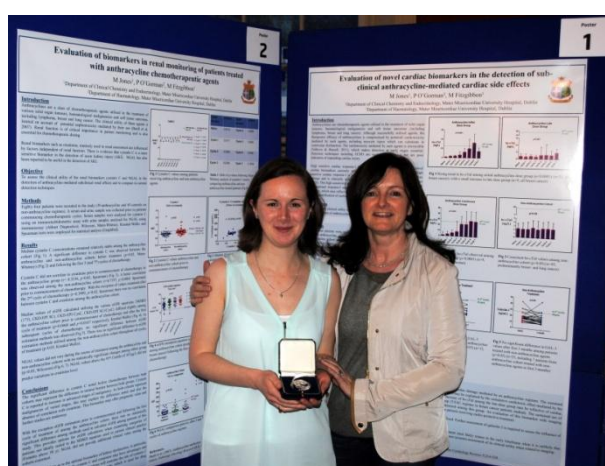


15:00-15:45:

Dr. Pooler Archbold, Retired Consultant Chemical Pathologist, Belfast City Hospitals Trust, Northern Ireland
Clinical Biochemistry – a Personal Perspective.



15:45-15:55: Presentation of Geraldine Roberts Medal for best scientific poster – **Awarded to Melissa Jones.**



16:00: Conference closed by
Conference Committee Chairman
Dr Martin Healy
(St James's Hospital, Dublin)



