

Program

	Tuesday April 5	Wednesday April 6	Thursday April 7	Friday April 8
AM 9.00-11.00	Workshops and Tutorials	David Rimm Quantitative in situ analysis of Protein Expression	Thomas Cremer Chromosomal Territories and Cancer	Ken Hillan EGFR mutations in Non-Small Cell Lung Cancer
Coffee: 11.00-11.30	Coffee	Burkhard Brandt Assembling whole genome expression analysis data from cancer cells	Nick Gilbert Chromatin Architecture of the Human Genome	Paul Harkin Uncovering BRCA1 regulated signalling pathways by microarray expression
AM 11.30-13.00	Workshops and Tutorials	Hilary Russell Septins in Cancer Biology	Tom Misteli Fundamental Principles of Nuclear Architecture in Cancer	Bauke Ylstra Technological and Analytical Advances in Array CGH
Lunch 13.00-14.00	Lunch	Coffee	Coffee	Coffee
PM 14.00-15.30	Registration Opens Workshops and Tutorials	Session 1 Free papers	Session 3 Free papers	Session 6 Free papers
Coffee: 15.30-16.00	Coffee	Lunch	Lunch	Lunch
PM 16.00-17.00		Poster viewing Trade exhibit	Poster viewing Trade exhibit	ISCO2005 Closing Party Poster viewing Trade exhibit
PM 17.00-18.00	Opening Lecture Scott Lowe Evading p53 action during tumour development and therapy	Session 2 Free papers	Session 5 Free papers	Close
PM Evening	Welcome Reception (Queen's Great Hall)	Peter Kramer Death and Anti-Death	Steve Pennington Integrated Proteomic Strategies for Biomarker Discovery	
		Visit and Reception Randox Laboratories The Protein Biochip	Society Dinner (Belfast City Hall)	

Tuesday

Tuesday April 5

SCIENTIFIC WORKSHOPS		
W1	9.00-13.00	Microarray Comparative Genomic Hybridization Organiser: Dr Bauke Ylstra Location: Peter Froggatt Centre, Queen's University Belfast Sponsors: Perkin Elmer & Blue Gnome Ltd
W2	9.00-13.00	Real-Time Molecular Imaging of Small Animals Organiser: Alexandra de Lille, Xenogen Corporation Location: Peter Froggatt Centre, Queen's University Belfast Sponsor: Xenogen Corporation
W3	9.00-15.00	Protein Quantitation by Flow Cytometry Organiser: Dr Kate Williamson, Queen's University Belfast Location: Institute of Pathology, Royal Victoria Hospital
W4	9.00-13.00	Molecular Imaging using Confocal Microscopy Organiser and sponsor: Leica Microsystems Location: Medical Biology Centre, Queen's University Belfast

15.30-16.45	CELLULAR ONCOLOGY BOARD MEETING Location: PFC 108
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PREMIER LECTURE SERIES Location: PFC G07 Chair: Professor Peter Hall		
IL1	17.00-18.00	Pathological Society Lecture Professor Scott Lowe Evading p53 action during tumor development and therapy

18.00-20.00	WELCOME RECEPTION. GREAT HALL, QUB
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Wednesday

Wednesday April 6

PREMIER LECTURE SERIES Location: PFC G07 Chair: Professor Paul van Diest & Dr. Calum MacAuley		
PL1	09.00-09.40	Patrick Watt Memorial Lecture Professor David Rimm Quantitative <i>in situ</i> analysis of Protein Expression
PL2	09.40-10.20	Applied Biosystems Lecture Professor Burkhard Brandt Assembling whole genome expression analysis data from snapshots of cancer cell conditions to decipher stages of differentiation
PL3	10.20-11.00	Dr Hilary Russell Septins, the cytoskeleton and cancer

11.00-11.30	COFFEE AND NETWORKING
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FREE PAPER SESSION 1 Location: PFC G07 Chair: Dr. Paul Harkin & Dr. Bauke Ylstra		
O1	11.30-11.45	Dr Calum MacAuley Dr Kim Lonergan Dr Cathie Garnis Dr Bradley Coe Dr Bryan Chi Dr Martial Guillaud Dr Alexei Doudkine Dr Jean le Riche Dr Stephen Lam Dr Wan Lam Genome wide (array CGH and SAGE) and quantitative microscopy for the analysis of lung cancer and its pre-cursors
O2	11.45-12.00	Dr Mario Hermsen Dr Nuria Rodriguez Prado Dr José Luis Llorente Pendas Dr César Alvarez Marcos Dr Carlos Suárez Nieto Premalignant laryngeal tumors and apparently normal mucosa from heavy smokers show recurrent gene copy number losses as revealed by MLPA.

O3	12.00-12.15	Dr Nick Haan Mr Graham Snudden Application of an integrated Bayesian approach to the detection of copy number changes in array CGH images.
O4	12.15-12.30	Dr B. Carvalho Mr J. Coffa Miss T.E. Buffart Dr M.A.J.A. Hermesen Dr N. Anders Miss S. Mongera Miss C. Postma Prof J.P. Schouten Dr B. Ylstra Prof G.A. Meijer High resolution analysis of DNA copy number changes within the 20q amplicon in adenocarcinomas of different origin
O5	12.30-12.45	Dr Martial Guillaud Dr Lewei Zhang Dr Catherine Poh Dr Miriam Rosin Dr Calum MacAulay Exploratory quantitative histopathological analysis of oral premalignant lesions (OPLs): Association of morphometric index with high-risk molecular profiles and cancer development
O6	12.45-13.00	Dr Walter Giaretti Dr Tiziana Venesio Dr Andrea Sciutto Dr Angelo Scaramuccia Dr Davide Malacarne Dr Mauro Risio Specific KRAS2 and APC mutations in human sporadic colorectal adenomas are associated with chromosomal instability.

13.00-14.00	LUNCH AND NETWORKING Beech Room – Student Union Building
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14.00-15.30	POSTER VIEWING AND TRADE SHOW Beech Room – Student Union Building
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15.30-16.00	COFFEE AND NETWORKING Beech Room – Student Union Building
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FREE PAPER SESSION 2 Location: PFC G07	
Chair: Professor Gerrit Meijer & Dr. Günter Haroske	
O7	16.00-16.15 Dr Adriana Falchi Ms Natalie Scott Ms Velma Hayes Prof Yvonne Barnett Mr Ian Garstin Mr Peter Logan Prof Patrick Morrison Dr Antony Bjourson Analysis of BRCA2 Point Mutations and Exon Deletions/Amplifications in Breast and Breast/Ovarian Cancer Families

O8	16.15-16.30	Dr D. Mavroudis Dr M. Perraki Dr G. Kallergi Dr A. Pallis Dr P. Kanellou Dr L. Kalmanti Dr N. Venidis Dr V. Bozionelou Dr E. Manousakis Dr V. Georogulias Molecular detection of HER2 mRNA-positive cells in the peripheral blood of patients with operable breast cancer
O9	16.30-16.45	Dr Gilbert Smith Label-retaining epithelial cells in mouse mammary gland divide asymmetrically and retain their template DNA strands.
O10	16.45-17.00	Dr Manja Friese-Hamim Ms Jeannine Missbach Dr Frauke Alves Dr Wolfgang F Vogel Functional relevance of the collagen-receptor DDR1 in tumor metastasis

PREMIER LECTURE SERIES

Location: PFC G07

Chair: Dr. Kate Williamson

PL4	17.00-18.00	Professor Peter Krammer Death and Anti-Death
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19.00-21.00	VISIT TO RANDOX LABORATORIES, CRUMLIN
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Thursday April 7

PREMIER LECTURE SERIES Location: PFC G07 Chair: Professor Peter Hamilton & Professor Håvard Danielsen		
PL5	09.00-09.40	Professor Thomas Cremer From Chromosome Territories to a Functional Nuclear Architecture
PL6	09.40-10.20	Dr Nick Gilbert Chromatin Architecture of the Human Genome
PL7	10.20-11.00	Dr Tom Misteli Fundamental Principles of Nuclear Architecture in Cancer

11.00-11.30	COFFEE AND NETWORKING
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FREE PAPER SESSION 3 (Parallel I) Location: PFC G07 Chair: Dr. Walter Giaretti & Professor Jim Johnston		
O11	11.30-11.45	Ms J.A. Orr Dr P. Maxwell Dr J. Diamond Prof P.W. Hamilton Histone acetylation induces chromatin reorganization and altered gene expression in prostate neoplasia
O12	11.45-12.00	Ms Sinead Walsh Ms Ann Maria McCrohan Dr Amanda J. O'Neill Prof John M. Fitzpatrick Dr R. William G. Watson Discovery of novel, anti-apoptotic genes associated with prostate cancer progression
O13	12.00-12.15	Ms Outi Saramaki Dr Kati Porkka Prof Robert Vessella Prof Tapio Visakorpi Copy number and expression analysis of prostate cancer cell lines and xenografts by microarrays

O14	12.15-12.30	Dr Catherine Gill Ms Sinead Walsh Dr Colm Morrissey Prof John M. Fitzpatrick Dr R.W.G. Watson Prostate Cancer Cells are Sensitised to TRAIL-Induced Apoptosis by the Chemopreventive Agent Resveratrol
O15	12.30-12.45	Ms Harukuni Tokuda Dr Fumio Enjo Dr Takashi Maoka Dr Kooichi Mochida Ms Junko Takasasu Dr Hoyoku Nishino Regulation of the cell cycle progression of PC-3, human prostatic cells and A549, human lung cells treatment by major paprika carotenoids elements capsanthin, capsourbin and beta-carotene
O16	12.45-13.00	Dr Sandra Papini Prof Anna DeMatteis Dr Daniela Campani Prof Cesare Selli Prof Roberto Paolo Revoltella A 3D-organ culture of human benign and tumoural prostatic explants

FREE PAPER SESSION 4

(Parallel II)

Location: PFC G06

Chair: Dr. Hilary Russell & Professor Paul Van Diest

O17	11.30-11.45	Dr Julie Ellerhorst Ms Marilyn Johnson Dr A. Hafeez Diwan Growth-promoting effects of thyroid-stimulating hormone on human melanoma cells
O18	11.45-12.00	Dr Roberto Paolo Revoltella Dr Eliana Vigneti Dr Michele Menicagli Dr Daniela Campani Autocrine growth-stimulation by granulocyte-macrophage colony-stimulating factor (GM-CSF) in human glioma and derived cultures
O19	12.00-12.15	Dr Gian Kayser Dr Ulrike Gerlach Dr Axel Walch Dr Roland Nitschke Dr Sabine Haxelmanns Prof Klaus Kayser Prof Ulrich Hopt Prof Martin Werner Dr Silke Lassman Centrosome aberrations in the adenoma-carcinoma sequence of colorectal carcinomas analysed by syntactic structure analysis
O20	12.15-12.30	Prof Konradin Metze Miss Rosana C Silva Dr Randall L Adam Prof Neucimar J Leite Mrs Fernanda G Pereira Prof Irene Lorand-Metze Relation between chromatin texture and phenotype in acute leukemias

O21	12.30-12.45	Dr Lynn McCallum Mrs Susan Price Dr Nathalie Planque Dr Andrew Pierce Dr Anthony Whetton Prof Bernard Perbal Dr Alexandra Irvine BCR-ABL kinase down-regulates CCN3 expression in chronic myeloid leukaemia
O22	12.45-13.00	Dr WG McCluggage Ms L E Connolly Ms PL Hyland Mr G McGregor Prof P A Hall A Strategy for Defining Biologically Relevant Levels of p53 Protein Expression in Clinical Samples
13.00-14.00	LUNCH AND NETWORKING Beech Room – Student Union Building	
14.00-16.00	PARRALLEL SESSION Diagnostic Pathology Seminar Location: PFC 212 Professor Richard Williams, Australia (Dermatopathology) Dr. Glenn McCluggage, UK (Gynaecological Histopathology) Professor Paul van Diest, The Netherlands (Breast Histopathology) Dr. Seamus Napier, UK (Oral Pathology)	
14.00-15.30	POSTER VIEWING AND TRADE SHOW Beech Room – Student Union Building	
15.30-16.00	COFFEE AND NETWORKING Beech Room – Student Union Building	
FREE PAPER SESSION 5 Location: PFC G07 Chair: Professor Terry Lappin & Professor Stephanie McKeown		
O23	16.00-16.15	Theo van Laar Carrol Terleth Ron Schouten Avi Shvarts Paul van Diest Elsken van der Wall The role of Mif1/Herp in regulation of hypoxia-mediated cell death
O24	16.15-16.30	Dr Karl Butterworth Dr Helen McCarthy Dr Jenny Worthington Dr Tracy Robson Prof Stephanie McKeown The influence of hypoxia in promoting malignant progression in prostate cancer cells.

O25	16.30-16.45	Dr Colm Morrissey Dr Amanda O'Neill Mr Kevin Cunningham Dr Cormac Taylor Prof John M. Fitzpatrick Dr R. William. G. Watson Epigallocatechin Gallate Induced Prostate Cancer Cell Apoptosis is not Altered by Hypoxia Despite its Effects on Mitochondrial Activity and Oxidative Environment.
O26	16.45-17.00	AJ Groot EH Gort EJ Westerlaken P Verheesen P van der Groep T van Laar I Verlaan E van der Wall PJ van Diest A Shvarts Development of single chain llama antibodies against the Hypoxia Inducible Factor 1-alpha protein using phage display

PREMIER LECTURE SERIES Location: PFC G07 Chair: Professor Chris Shaw		
PL8	17.00-18.00	<i>Ploem Distinguished Lecture</i> Professor Steve Pennington Integrated Proteomic Strategies for Biomarker Discovery

18.00-19.00	ISCO ANNUAL GENERAL MEETING Location: PFC G06
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19.30-LATE	ISCO GALA DINNER (BELFAST CITY HALL)
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Friday

Friday April 8

PREMIER LECTURE SERIES Location: PFC G07 Chair: Professor Gerrit Meijer & Professor Valerie McKelvey-Martin		
PL9	09.00-09.40	Professor Ken Hillan EGFR mutations in Non-Small Cell lung Cancer: Predictive and Prognostic Implications
PL10	09.40-10.20	Dr Paul Harkin Uncovering BRCA1 regulated signalling pathways by microarray based expression profiling
PL11	10.20-11.00	Dr Bauke Ylstra Technological and Analytical Advances in Array CGH
11.00-11.30	COFFEE AND NETWORKING	
FREE PAPER SESSION 6 (PARALLEL I) Location: PFC G07 Chair: Professor Istvan Petak & Dr. Sandra Irvine		
O27	11.30-11.45	Dr Anita Yakkundi Dr Christine Le Sann Miss Elaine Dunlop Dr Zhanzhong Shi Dr Nicole Kaftzik Prof Sabine Flistch Prof John Mann Prof Terence Lappin Erythropoietin receptor on non-small cell lung carcinoma; a drug target.
O28	11.45-12.00	Dr N. Xenidis Dr D. Mavroudis Dr L. Kalmanti Dr A. Pallis Dr P. Kanellou Dr G. Sfakiotaki Dr M. Perraki Dr L. Vamvakas Dr A. Kalykaki Dr V. Georgoulas Effect of adjuvant Tamoxifen and Letrozol on the fate of peripheral blood CK-19 mRNA+ cells in patients with early breast cancer

O29	12.00-12.15	Sandra Van Schaeybroeck Donal M. Kelly Anthi Karaiskou-McCaul Daniel B. Longley Eric Van Cutsem Patrick G. Johnston EGFR activation determines response to combined ZD-1839 (Iressa) and cytotoxic drug treatment in colorectal cancer and non small cell lung cancer cell lines.
O30	12.15-12.30	Dr Richard Schwab Dr Ferenc Pintér Dr Karoly Oreskovich Dr Judit Moldvay Dr Judit Papay Dr Janos Strauss Dr Laszlo Kopper Dr Gyorgy Keri Dr Akos Pap Dr Istvan Petak Complete regression of brain and secondary lung metastases of non-small-cell lung cancer (NSCLC) in response to gefitinib is associated with the combined amplification and mutation of the growth factor receptor (EGFR) in the primary tumour.
O31	12.30-12.45	Dr Michael Pereira Dr Fadel Alyaqoub Dr Ronald Lubet Dr Vernon Steele Dr Lianhui Tao Differential Alteration in the Methylation of DNA and Genes in Mouse Lung Tumors: Effect of Budesonide.
O32	12.45-13.00	Mr HF O'Kane Mr C Watson Prof I Petak Mr SR Johnston Dr H Russell Dr K Williamson Mitomycin-C induces up-regulation of FAS in vivo in tumour cells from patients with bladder cancer.

**FREE PAPER SESSION 7
(PARALLEL II)
Location: PFC G06**

Chair: Professor Charles Campbell & Dr. Perry Maxwell

O33	11.30-11.45	Dr Daniele Calistri Dr Claudia Rengucci Dr Ian Seymour Dr Silvia Molinu Dr Andrea Sciotto Dr Arturo Lattuneddu Dr Anna Maria Polifemo Dr Walter Giaretti Mutation Analysis of KRAS2, TP53 and BRAF Genes in Human Sporadic Colorectal Cancer Progression
O34	11.45-12.00	Timothy Richard Wilson Wendy Louise Allen Ultan McDermott Miranda McEwan Leeona Galligan Patrick Gerard Johnston Daniel Broderick Longley c-FLIPL regulates colorectal cancer cell death in response to chemotherapy

O35	12.00-12.15	Dr B. Carvalho Miss C. Postma Miss S. Mongera Dr M.A.J.A. Hermsen Dr B. Ylstra Prof G.A. Meijer High resolution analysis of the 8q22-q23, 13q21-q31 and 20q amplicons associated with tumour progression in colorectal cancer
O36	12.15-12.30	Dr Margaret Hoper Dr Mark O'Connor Dr Eilish Donnelly Prof Frederick Campbell Constitutive survival signals suppress mutagen-induced apoptosis during intestinal epithelial regeneration in an in vivo model system
O37	12.30-12.45	Dr B. Carvalho Dr R.M. Reis Mr T. Mons Miss T.E. Buffart Mr E. Hopmans Miss C. Moutinho Miss P. Sliva Prof F. Carneiro Dr B. Ylstra Prof G.A. Meijer Microarray-CGH analysis of diffuse and intestinal components of mixed gastric carcinomas
O38	12.45-13.00	Dr U McDermott Dr L Galligan Dr D.B. Longley Prof P.G. Johnston Effect of p53 status and STAT1 on chemotherapy-induced Fas-mediated apoptosis in colorectal cancer
13.00-14.00	LUNCH Beech Room – Student Union Building	