



Queen's University
Belfast



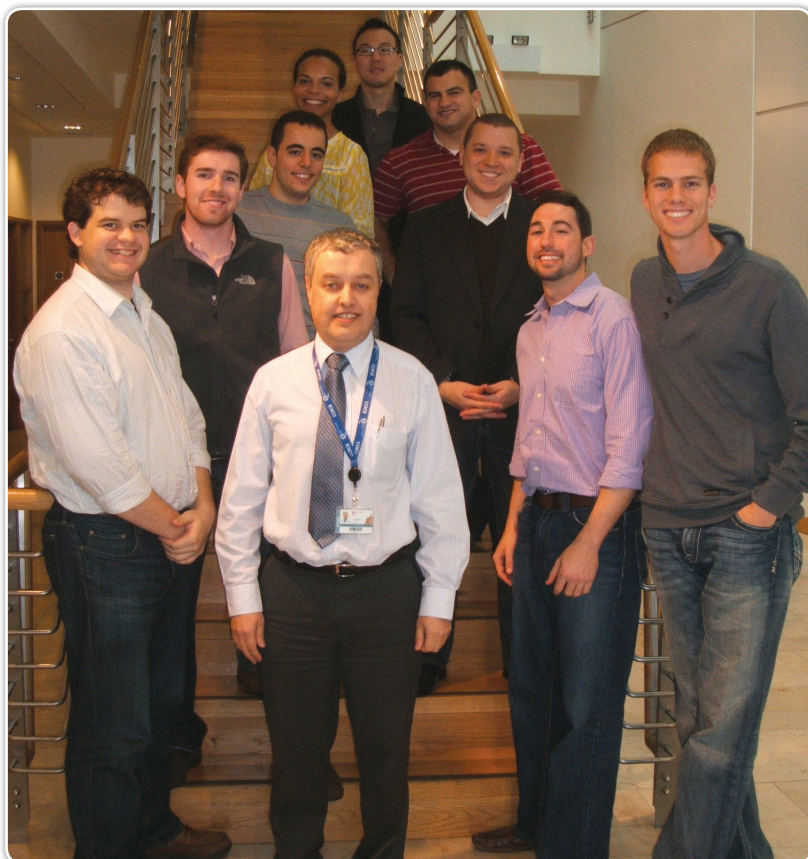
Bulletin

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April
2011
Issue 20

Mitchell Scholars Visit CCRCB



Professor Kevin Prise (centre) with the Mitchell Scholars

CCRCB hosted a visit from students participating in the Mitchell Scholarship Programme as part of the US-Ireland Alliance on 25 February 2011.

The US-Ireland Alliance is a proactive, non-partisan, non-profit organisation dedicated to consolidating existing relations between the United States and Ireland, North and South, and building that relationship for the future. The US-Ireland Alliance has established the George J. Mitchell Scholars Program to educate future American leaders about the island of Ireland and to provide tomorrow's leaders with an understanding about, an interest in, and an affinity with, the island from which thirty-eight million Americans claim descent. Approximately twelve scholarships are awarded each year. Every year twelve highly-qualified students are selected to complete a degree at an Irish institution. Queen's University is hosting one Mitchell Scholar this year and he is working toward an MA in Violence, Terrorism and Security.

Senator Mitchell was previously Chancellor of the University and officially opened the new CCRCB building in November 2007. The visiting scholars were introduced to the Centre by CCRCB Deputy Director, Professor Kevin Prise and then given a tour of the Second and Third Floors by Karl Butterworth and Kirsty McLaughlin.

INComb

The EU-FP7 funded consortium, INComb, had their annual meeting in Belfast on 19-21 January 2011. INComb is the first EU funded consortium in the field of Urology and has as its research focus, "Combating Incontinence from Basic Science to Clinical Practice". The Belfast meeting, hosted by Dr Karen McCloskey from CCRCB comprised over twenty participants from ten partners including Karolinska Institutet in Stockholm and Pfizer UK. INComb provides substantial funding to the McCloskey laboratory in CCRCB (€909,000) who currently work on models of dysfunctional bladder including post-radiation damage.



INComb Delegates

Second International Conference in Quantitative Biology and Bioinformatics for Modern Medicine

The second international conference in Quantitative Biology and Bioinformatics for Modern Medicine was held on 7-8 February 2011. The meeting was hosted by University College Dublin at the Conway Institute and organised by Professor Peter Hamilton and Dr Frank Emmert-Streib from the Centre for Cancer Research and Cell Biology and Professor Des Higgins from the Conway Institute. It was the second event of its kind following last year's conference hosted in 2010 by Queen's University Belfast.

The meeting was supported by the Department for Learning and Employment (DEL) through its "Strengthening the all-Island Research Base" initiative and the Centre for Cancer Research and Cell Biology in order to gather leading scientists

from distinguished national and international research institutes to communicate new ideas and build collaborative networks.

Visitors from all over the world travelled to Dublin for the conference including scientists from the Massachusetts Institute of Technology (USA), Harvard University (USA), Cornell University (USA), Aarhus University (Denmark) and Institut Curie, (France). After an opening address by Professor Peter Hamilton, the invited speakers presented exciting novel findings in Computational Biology, Biostatistics and Network Biology and their relevance for the current challenges being faced in modern medicine and specifically in cancer research. Due to enormous technological progress during the last decade allowing the

measurement of molecular and cellular entities with astonishing detail, the interpretation of data from such experiments is complex and requires the development and application of sophisticated statistical, computational and mathematical methods. The Cancer Bioinformatics Group at Queen's University is playing a leading role in this research and in the education of a new generation of scientists who need to be equipped for the challenges of the data revolution in Biology.

Due to the great success of the past two conferences, a third international conference in Quantitative Biology and Bioinformatics for Modern Medicine is anticipated to take place in Belfast in September 2012.

Race for Life 2011



Helen Barnes and CCRCB Researchers with The Big Fish at the Lagan Weir

The Tesco and Cancer Research UK Race for Life events for 2011 have been launched across Northern Ireland. Race for Life is a women only 5k event celebrating those who have survived cancer and remembering those who have died. Researchers from CCRCB and CR-UK LEAD Manager, Helen Barnes took part in a photo shoot with Alison Fleming from UTV to launch Cancer Research UK's 2011 local Race for Life events. To celebrate the launch various Belfast landmarks were turned pink, including the Big Fish at the Lagan Weir and the Dome in Victoria Square, from 14-20 February. This year there will be two events at Stormont (morning and afternoon) on Sunday 29 May and a further event at the University of Ulster in Coleraine on Sunday 12 June. To enter this year's events locally or to volunteer, go to www.raceforlife.org.

Professor of Molecular Pathology Appointed



Professor Manuel Salto-Tellez

Congratulations to Professor Manuel Salto-Tellez who has been appointed Professor of Molecular Pathology.

Over the last twenty-five years, Professor Salto-Tellez's medical and research pursuits have taken him from his native Spain to different parts of the world. Professor Salto-Tellez started his medical education at the Universities of Oviedo (Spain), Aachen (Germany) and Leiden (Netherlands), and he went on to train as a histopathologist in the UK, and a molecular pathologist in UPENN. For the last ten years, he was an Associate Professor of Pathology, consultant pathologist and research scientist at the National University of Singapore and its hospital. Professor Salto-Tellez said: "I am now delighted to come to Belfast to be part of the Centre for Cancer Research and Cell Biology and Queen's University and I am proud to be joining the scientific and the

pathology communities of Northern Ireland."

Since 2001, Professor Salto-Tellez's main activity in science and diagnostics has been the integration of the phenotypic and genotypic dimensions of disease, primarily cancer. To have a fuller understanding of disease pathology, he believed that one had to go beyond its conventional, morphological aspects, actively involving molecular biology in translational research and tissue diagnostics. Professor Salto-Tellez said: "I look forward to working on this morpho-molecular integration in all aspects of science, diagnostics and therapeutics here in Belfast. I hope that this approach will contribute to advancing research in the Centre for Cancer Research and Cell Biology and Queen's University Belfast, and that it helps alleviate the pain of cancer sufferers."

CCRCB Senior Lecturer in Drug Discovery Appointed

Congratulations to Dr Shozeb Haider who has been appointed CCRCB Senior Lecturer in Drug Discovery.

Dr Haider joined CCRCB in January 2011. He originally completed his BSc and MSc in Biochemistry from Aligarh University, India before moving to the UK to join the MRes programme in Bioinformatics at Leeds University. He followed this with a PhD in Molecular Biophysics at the Institute of Cancer Research, London studying the structure and dynamics of guanine quadruplexes. Dr Haider was able to solve the first crystal structure of a guanine quadruplex in complex with an anti-cancer drug.

Dr Haider then moved as a postdoc to Oxford University studying the structural mechanism of KATP K⁺ ion channels. In absence of any crystal structures, he was able to construct models that explained the structure-function relationship in detail. For this work he was invited to the prestigious "Emerging scientists of the next decade" symposium organised by Roche pharmaceuticals.

Prior to joining CCRCB, he held the position of CR-UK Senior Research Fellow at the London School of Pharmacy working on anti-cancer target validation using computational methodologies. Recently he has also proposed a mechanism of the open and closed states of a Cytochrome P450 involved in prostate cancer.

Apart from running his projects, Dr Haider will be providing collaborative support in computational chemistry to colleagues in CCRCB. He has also initiated collaboration with Professor Zholos at the Centre for Vision and Vascular Science. Dr Haider said: "I am absolutely delighted to begin my career at CCRCB and look forward to working with eminent names in the field of cancer research here at the Centre."

Dr Haider is a member of the Royal Society for Chemistry and is also an accredited Chartered Chemist. He is currently a member of the management committee of Molecular Modelling and Graphics Society, Royal Society for Chemistry (Molecular

Modelling Group) and pan-European Cooperation in Science and Technology MP0802 programme. Dr Haider is also a Fellow of the Royal Asiatic Society and holds interests in Tibetan and Islamic art and architecture.



Dr Shozeb Haider

IACR Satellite Meeting

The IACR Satellite Meeting 'Cancer Therapeutics: Small Molecule and Biology Strategies in the Molecular-Targeted Era' was held in Cork on 2 March. The speakers represented both industry and academia and came not only from across Ireland and the UK but across the Pond as well.

All the talks focused around cancer drug discovery from why some leading compounds failed in the clinic to the novel strategies created in generating future drugs. Dr Andrew Thomas from AstraZeneca kicked off the meeting by highlighting the challenges now facing drug discovery in the fight against cancer and pointed out that new approaches were required to answer this failing. One novel strategy that is currently underway at the Broad Institute in Boston revolves around the development of compounds libraries that incorporate more novel chemical space for screening with increased focus around moving away from 'flatland-sp² hybridised molecules'. This drive to move away from flat

drug like molecules to novel sp³-chiral compounds was also a topic of discussion for one of Ireland's upcoming investigators Dr Florence McCarthy of University College Cork.

In an era in which small molecular inhibitor approaches are failing to identify highly selective anti-cancer therapies, delegates were treated to two talks which focused around the development and use of novel antibodies. Dr Gillian Murphy (Cambridge) and Dr Chris Scott (Queen's University) described the use of highly selective antibody therapies in targeting ADAM-17 and Capthespin S that display encouraging in-vivo results. Dr Mullooly of St. Vincent's University also pointed out that the development of selective inhibitors for ADAM-17 would be crucial when targeting triple negative breast cancer, as well as other poor prognosis cancers, such as colorectal disease.

The keynote speaker for the meeting was Dr Steve Fesik from Vanderbilt

University. Dr Fesik joined Vanderbilt from Abbott Laboratories where he pioneered novel approaches to discover new chemical entities for hit to lead discovery – fragment based drug screening. This approach has been key in developing drugs for what many call the 'un-druggable targets' – protein-protein interactions. One of the key observations made was that compounds developed in this area exceed the normal guidelines for orally bio-available drugs. Dr Fesik recently received a prestigious award to start addressing and challenging well established guidelines on what makes a drug clinically relevant. His talk was echoed in part in a series of presentations during the day and none more so than by Dr Martin Drysdale of the Beatson Institute in Glasgow.

Dr Rich Williams would like to thank the organisers and sponsors of this meeting and congratulate them on an extremely successful meeting.

CCRCB Photo Gallery



Dr Jonathan Coulter and Dr Aidan Cole with members of the Maghera CR-UK Local Committee who raised £11,000 for CR-UK.



Congratulations to Grainne Cunniffe, a cross-border research student funded by Science Foundation Ireland and supervised jointly by Dr Glenn Dickson, Queen's University, (left) and Professor Fergal O'Brien, Royal College of Surgeons, Dublin, who graduated with a PhD on "Development of a Nanohydroxyapatite-Collagen Composite Scaffold for Bone Tissue Engineering". The research is contributing to scaffold supports for the development of tumor models.

NILRF Launch Belfast Marathon Appeal



Niamh Perry (left) with the NILRF Research Team

The leukaemia research laboratory, part supported by the Northern Ireland Leukaemia Research Fund (NILRF), had a visit from Niamh Perry from Bangor who appeared on the BBC talent show "I'd Do Anything", and has just finished a fourteen month appearance in the principal role in Andrew Lloyd Webber's new musical 'Love Never Dies'. Niamh's uncle died from acute myeloid leukaemia and she wanted to support the NILRF, find out more about the disease and meet the scientists researching into new therapies for AML.

During her visit, Niamh also launched the NILRF's campaign to encourage participants in the Belfast Marathon to adopt the NILRF as their charity. A team from the haematological malignancies research group on the CCRCB Ground Floor are entering the team relay event in the Belfast Marathon on 3 May – all support is welcome! Niamh also talked to students and scientists in the leukaemia research group before visiting the Belfast Children's Hospital where she met several children with cancer and leukaemia.

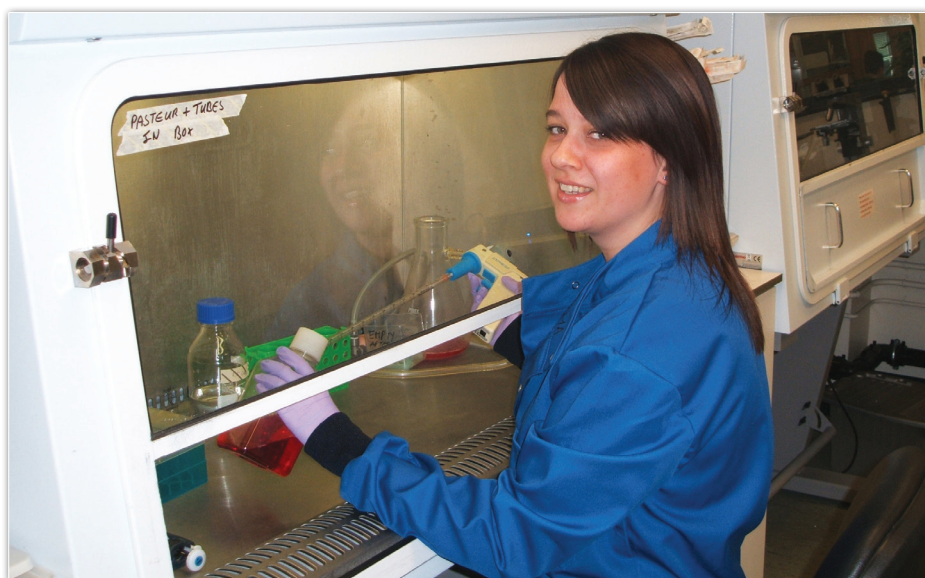
We would like to thank Niamh for her support to the NILRF.

NILRF Studentship

Gemma Logan who graduated with a first class honours degree from Queen's University has started on a further research study programme which it is hoped will lead to a better understanding of leukaemia and how to tackle it.

Gemma is being supported with her studies to gain a PhD at the Centre for Cancer Research and Cell Biology by the Northern Ireland Leukaemia Research Fund. The studentship is part of a five-year support package announced earlier this year by the NILRF for over £350,000 for the leukaemia research team, led by Professor Ken Mills. Professor Ken Mills said: "Without the support of the NILRF we would not be able to progress as fast as we had hoped towards a better understanding of leukaemia and the development of new therapies."

Gemma will be supervised by Professor Ken Mills and Dr Melanie Percy during her research programme and will examine the role of a specific family of proteins called ASB. One aspect that Gemma will investigate is why different types of acute myeloid leukaemia (AML) have different



Gemma Logan working in CCRCB

amounts of ASB proteins. She will also study the role of the ASB proteins in normal blood cell development and has already been in contact with other researchers in Denmark to further this work.

NILRF Chairman, Mr Bill Pollock, said: "The NILRF is pleased to support Gemma in her research study programme. I am confident that

under the leadership of Professor Ken Mills, Gemma's research will greatly assist in increasing our knowledge of leukaemia and a progression towards new treatments."

For further information on the activities supported by the NILRF, contact Frances Parker on (028) 9097 2928 or visit the website at www.leukaemia-ni.org

Recent Grants Awarded

Investigator(s): Dennis McCance, Daksha Patel and Jackie James
Sponsor: Medical Research Council
Title: The Role of p63 Isoforms in Head and Neck Cancers
Amount: £849,842
Period: 01/06/11 – 31/05/15

Investigator(s): Alex Thompson and Ken Mills
Sponsor: Leukaemia and Lymphoma Research
Title: Criticality of the HOXA Cluster in Normal and Malignant Haematopoiesis (PhD Studentship)
Amount: £130,400
Period: 01/10/11 – 30/09/15

Investigator(s): Ken Mills
Sponsor: Northern Ireland Leukaemia Research Fund
Title: Support for 4 Summer Studentships
Amount: £4,800 (£1,200 x 4)
Period: 01/07/11 – 31/08/11

Investigator(s): Shu-Dong Zhang
Sponsor: BBSRC
Title: Gene-expression Connectivity Mapping and its Application in Phenotypic Targeting
Amount: £239,570
Period: 01/07/11 – 30/06/14

Investigator(s): Paul Harkin, Colin James, Jennifer Quinn and Paul Mullan
Sponsor: HSC R&D Fellowship (Gareth Irwin)
Title: Molecular Characterisation of Poor Prognosis Triple Negative Breast Cancers
Amount: £187,755
Period: 01/08/11 – 31/07/14

Investigator(s): Dennis McCance and Jackie James
Sponsor: HSC R&D Fellowship (Michael Moran)
Title: Differences in Gene Methylation due to Human Papillomavirus Infection in Oropharyngeal Squamous Cell

Carcinoma
Amount: £187,876
Period: 08/08/11 – 07/08/14

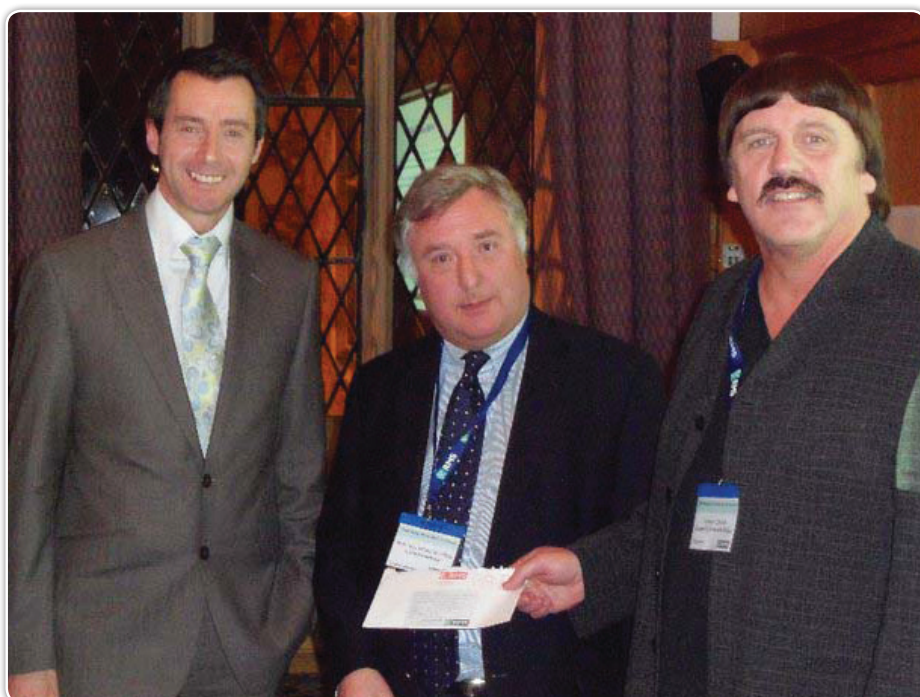
Investigator(s): Terry Lappin
Sponsor: FP7-HEALTH (Adverse Drug Reaction Research)
Title: Gaining Sage on the Epoietins' Saga: Assessing Long Term Risks and Advancing Towards Better Epoetin Treatment Modalities
Amount (Total Grant): 2,995,104 Euros (13 partners)
Period: 01/06/11 – 31/05/15

Investigator(s): David Timson (Biological Sciences), Giuseppe Schettino, Fred Currell (Maths and Physics)
Sponsor: EPSRC
Title: Ion Beam Radiotherapies: Comparison of Heavy Ions Antiprotons
Amount: £29,000
Period: 01/05/11 – 01/05/12

RMS Vice-President Fund 2010

The Royal Microscopical Society Vice-President's Fund 2010 prize was awarded to Stewart Church and Professor Peter Hamilton from Queen's University by Professor Tony Wilson, RMS President, on 27 January 2011 for their project entitled: "CancerScapes: the complexity and richness of cancer microscopy". The RMS Vice-President's Fund supports worthy projects using microscopy to contribute to the public understanding of science or benefit the developing world. This is the first time that the RMS Vice-President's Prize has been awarded to Northern Ireland.

Their project aims to establish a unique CancerScape web portal, to illustrate the visual complexity of cancer tissues and cells, using high resolution web-microscopy. Images will be selected, annotated and described by experienced diagnostic pathologists



L-R: Professor Peter Hamilton, Professor Tony Wilson and Mr Stewart Church

in lay-mans terms. In addition, images will be described through poetry or prose provided by local English A Level students from schools in Northern Ireland.

A dedicated website will be developed to professionally present this material and PathXL will be used to manage

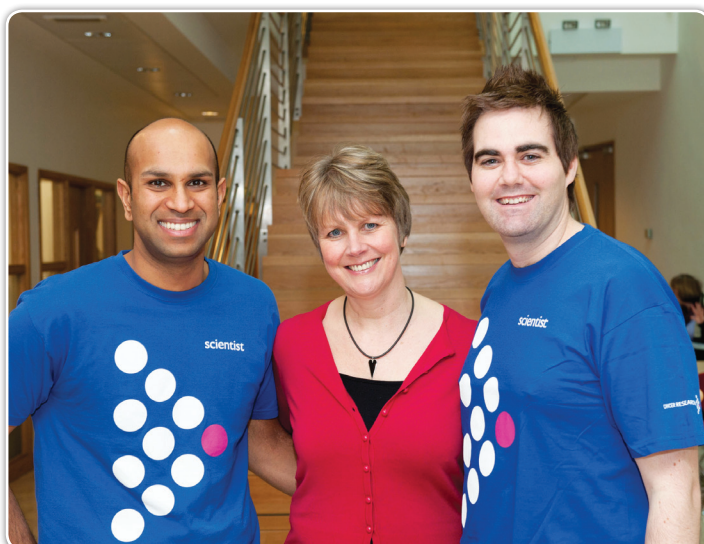
and deliver high quality microscopy images to the general public using virtual microscopy. This project will provide a unique insight into the beauty of microscopy images but also their importance for cancer diagnostics and in so doing blur the lines between art and science.

Researchers Awarded for Public Engagement Activities

Congratulations to Dr Kienan Savage and Gaurang Patel both of whom have received recognition for their public engagement work in 2010. Dr Savage was nominated by the Belfast Media Group for one of its "Top 40 under 40" awards for his work chairing the Belfast Relay for Life for Cancer Research UK which raised over £12,000 for the charity.

Gaurang Patel was one of ten researchers who took part in several engagement activities for CR-UK during the year and in a draw at the researchers' annual thank you breakfast, he received a voucher for a meal for two, compliments of Villa Italia.

Cancer Research UK now supports more than fifty researchers within CCRCB and the Northern Ireland Cancer Trials Centre, most of whom regularly get involved in events to raise awareness of the Belfast Cancer Research UK Centre and its work locally. A big thank you is due to everyone who gets involved, as public engagement is vital to build loyalty and increase income for CR-UK in Northern Ireland.



L-R: Gaurang Patel, Helen Barnes and Dr Kienan Savage

Recent Publications

BUTTERWORTH, K.T., MCGARRY, C.K., TRAINOR, C., O'SULLIVAN, J., HOUNSELL, A.R. and PRISE, K.M. Out-of-field cell survival following exposure to intensity-modulated radiation fields, *International Journal of Radiation Oncology Biology and Physics*, doi:10.1016/j.ijrobp.2010.11.034 (In press).

CAIRNS, M., SYKES, A., DICKSON, G.R., ORR, J.F., FARRAR, D., DUMBA, A. and BUCHANAN, F.J. (2011) Through-thickness control of polymer bioresorption via electron beam irradiation, *Acta Biomaterialia*, February 7(2):548-57.

CAIRNS, M.L., DICKSON, G.R., ORR, J.F., FARRAR, D., HAWKINS, K. and BUCHANAN, F.J. E-beam treatment of PLA to control degradation profiles, *Polymer Degradation and Stability*, 2011, 96:76-83.

CUNNIFFE, G.M., O'BRIEN, F.J., PARTAP, S., LEVINGSTONE, T., STANTON, K.T. and DICKSON, G.R. The synthesis and characterization of nanophase hydroxyapatite using a novel desiccant-aided precipitation method, *Journal of Biomedical Materials Research*, 95A, 4:1142-1149 (Dec 2010).

CUNNINGHAM, R.M., LARKIN, P. and MCCLOSKEY, K.D. Ultrastructural properties of interstitial cells of cajal in the Guinea pig bladder, *J Urol*, March 2011, 185(3):1123-31.

HAIDER, S. et AL. *Bioorganic & Medicinal Chemistry Letters*, 2011, doi:10.1016/j.bmcl.2011.01.128 (In press).

HE, M., ZHAO, M., SHEN, B., PRISE, K.M. and SHAO, C.L. Radiation-induced intercellular signaling mediated by cytochrome-c via a p53-dependent pathway in hepatoma cells, *Oncogene*, PMID:21132005 (In press).

JAIN, S., COULTER, J.A., HOUNSELL, A.R., BUTTERWORTH, K.T., MCMAHON, S.J., PRISE, K.M., CURRELL, F.J., O'SULLIVAN, J.M. and HIRST, D.G. Cell specific radiosensitization by gold nanoparticles at megavoltage

radiation energies, *International Journal of Radiation Oncology Biology and Physics* (In press).

JAIN, S., COULTER, J.A., HOUNSELL, A., BUTTERWORTH, K.T., CURRELL, F.J., MCMAHON, J., HYLAND, W., MUIR, M.F., DICKSON, G.R., PRISE, K., O'SULLIVAN, J. and HIRST, D.G. Cell specific radiosensitization by gold nanoparticles at megavoltage radiation energies, *International Journal of Radiation Oncology, Biology and Physics*, 79(2):531-9 (2011).

LINDSAY, J., MCDADE, S.S., PICKARD, A., MCCLOSKEY, K.D. and MCCANCE, D.J. Role of DeltaNp63gamma in epithelial to mesenchymal transition, *Journal of Biological Chemistry*, February 2011, 4;286(5):3915-24.

MCCLOSKEY, K.D. Interstitial cells of Cajal in the urinary tract, *Handb Exp Pharmacol*, 2011;(202):233-54.

MCGARRY, C.K., CHINNECK, C.D., O'TOOLE, M.M., O'SULLIVAN, J., PRISE, K.M. and HOUNSELL, A.R. Assessing software upgrades, plan properties and patient geometry using Intensity Modulated Radiation Therapy (IMRT) complexity metrics, *Medical Physics* (In press).

MCGARRY, C.K., BUTTERWORTH, K.T., TRAINOR, C., O'SULLIVAN, J., PRISE, K.M. and HOUNSELL, A.R. Temporal characterisation and *in-vitro* comparison of cell survival following delivery of 3D-Conformal, Intensity Modulated Radiation Therapy (IMRT) and Volume Modulated Arc Therapy (VMAT), *Physics in Medicine and Biology* (In press).

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OLADIPO, O., CONLON, S., O'GRADY, A., PURCELL, C., WILSON, C., MAXWELL, P.J., JOHNSTON, P.J., STEVENSON, M., KAY, E.W., WILSON, R.H. and WAUGH, D.J.J. The expression and prognostic impact of CXCL12 in stage II and III colorectal cancer epithelial and stromal tissue, *British Journal of Cancer*, 2011, 104 (3):480-487.

PETTIGREW, K.A. et AL. Fine mapping the KLK3 locus on chromosome 19q13.33 associated with prostate cancer susceptibility and PSA levels, *Human Genetics*, doi:10.1007/s00439-011-0953-5.

PLUMMER, R., WILSON, R.H., CALVERT, H., BODDY, A.V., GRIFFIN, M., SLUDDEN, J., TILBY, M.J., EATOCK, M., PEARSON, D.G., OTTLEY, C.J., MATSUMURA, Y., KATAOKA, K. and NISHIYA, T. A Phase I Clinical Study of Cisplatin-Incorporated Polymeric Micelles (NC-6004) in Patients with Solid Tumors, *British Journal of Cancer*, 2011, 104 (4):593-598.

WANG, Y., MCCLEARY, D., WANG, C.W., KELLY, P., JAMES, J., FENNEL, D.A. and HAMILTON, P. Ultra-fast processing of gigapixel Tissue MicroArray images using high performance computing, *Analytical Cellular Pathology / Cellular Oncology*, (33) 5:271.

YANG, Z., SHI, Y., WEI, X., HE, J., YANG, S., DICKSON, G.R., TANG, J., XIANG, J. and SONG, C. Fabrication and repair of cartilage defects with a novel acellular cartilage matrix scaffold, *Tissue Engineering Part C Methods*, Vol 16, Number 5, 865-876 (2010).

YUEN, H.F., CHAN, Y.K., GRILLS, C., MCCRUDDEN, C.M., GUNASEKHARAN, V., ZHANGZHONG SHI, Z., WONG, A., LAPPIN, T., CHAN, K.W., KHOO, U.S., JOHNSTON, P. and EL-TANANI, M. Polyomavirus enhancer activator 3 protein promotes breast cancer metastatic progression through Snail-induced epithelial - mesenchymal transition, *Journal of Pathology*, 2011 (In press).

Events 2011

2011 International Conference on Molecular Clinical Oncology

26–28 May 2011

Torino, Italy

The meeting will focus on Molecular Clinical Oncology, a novel discipline translating cancer genetics into medicine.

For further information and registration please refer to:

www.cancercoop.org

or contact:

mol-clin-onc@cancercoop.org

ASCO

3–7 June 2011

McCormick Place, Chicago, Illinois

For further information and registration please refer to:

<http://chicago2011.asco.org/>

EMBO Conference Series (2nd)

"Cancer Proteomics 2011: Systems Biology, Developmental Models and Data Integration"

20–23 June 2011

The Burlington Hotel, Dublin, Ireland

For further information and registration please refer to:

<http://cwp.embo.org/cfs2-11-03/>

NCRI Cancer Conference

6–9 November 2011

BT Convention Centre, Liverpool

For further information and registration please refer to:

<http://www.ncri.org.uk/ncriconference>

CCRCB Events

CCRCB Open Day for AS Level Students

9 April 2011

CCRCB Building

School of Medicine, Dentistry and Biomedical Sciences Postdoc Society

"Exploring career options and the skills needed to succeed in them"

20 May 2011, 9.00am – 5.00pm

Queen's University Belfast - Great Hall

Abstracts for oral scientific presentations from the postdoctoral body will be sought and there will be no poster session this year. Attendance by all postdocs in the School is encouraged.

For further information please contact David Foley at d.foley@qub.ac.uk

CR-UK Centre Lecture 2011

23 June 2011

CCRCB Building

Dr Andrew Tutt,

Director, Breakthrough Breast Cancer Research Unit, Kings College London

For further information please refer to:

http://breakthrough.org.uk/our_work/our_research/meet_our_scientists/andrew_tutt.html

STO-CCRCB Conference

"Challenges in Cancer"

7–8 September 2011

Waterfront Hall, Belfast

For further information and registration please refer to:

www.qub.ac.uk/research-centres/CentreforCancerResearchCellBiology/Events/JointSTO-CCRCBMeeting/

or contact

sto-ccrcbconf@qub.ac.uk

Mitchell Lecture 2011

3 November 2011

CCRCB Building

Professor Joan Brugge,

Professor of Cell Biology, Department of Cell Biology, Harvard Medical School, Boston

For further information please refer to:

<http://cellbio.med.harvard.edu/faculty/brugge/>

Measures of Esteem

Congratulations to Conor McGarry who has been awarded the ESTRO - JACK FOWLER UNIVERSITY OF WISCONSIN AWARD for 2011.

Conor will receive his award and give a talk at the upcoming ESTRO Anniversary Congress being held in London on 8–12 May 2011.

Congratulations to Dr Michael Moran and Dr Gareth Irwin on both being awarded Fellowships from the NI Health and Social Care Research and Development Office - further details of the awards are included within the 'Recent Grants Awarded' section.

Congratulations to Dr Karen McCloskey and Dr Richard Wilson who have been promoted to Readers and to Dr Dan Longley who has been promoted to Senior Lecturer.

New Appointments

Welcome to the following new staff who have recently joined the Centre:

Academic Staff:

Professor Manuel Salto-Tellez
Dr Shozeb Haider

Research Staff:

Dr Zenobia D'Costa
Dr Dino McMahon

Visiting Researchers:

Song Ke
Giacomo Pirovano
Jianghong Zhang