



**BREAST
CANCER
NOW** The research
& care charity

Breast Cancer Now-funded Manchester Breast Centre Seminar Series 2008-2020

108 Breast Cancer Now Seminars have taken place since the Breast Cancer Now Research Unit opened in October, 2008.

Invited Breakthrough Seminar Speakers:

1. Professor Nadia Harbeck, Technical University of Munich, Germany, "uPA and PAI-1 in primary breast cancer: From bench to bedside and back to the bench" 25 November 2008
2. Dr Jorge Reis-Filho, Breakthrough Breast Cancer, London, "Genomic profiling of grade III breast cancer: identification of novel therapeutic targets" 27 January 2009
3. Professor Doug Easton, University of Cambridge, "Genome scans for breast cancer: what have we learnt and where next?" 24 February 2009
4. Professor John Bartlett, Edinburgh Cancer Research Centre "Translational Biology in Breast Cancer" 31 March 2009
5. Dr Rita Falcioni, Regina Elena Cancer Institute, Rome, "Transcriptional regulation and signaling network of alpha6beta4, an integrin that drives tumor progression" 21 April 2009
6. Bill Muller, McGill University, Canada "Oncogene-mediated signal transduction in transgenic mouse models of breast cancer" 10 July, 2009
7. Professor Andy Gescher, Department of Cancer Studies, University of Leicester "Resveratrol – pedestrian polyphenol or miraculous anticancer agent?" 28 July 2009
8. Dr Derek Radisky, Mayo Clinic Cancer Center, USA "Epithelial-mesenchymal transition in breast and lung malignancies" 29 September 2009

9. Professor Rob Michalides, Professor of Cell Biology, The Netherlands Cancer Institute "Throwing a light on resistance to endocrine treatment of breast cancer, if this is still possible" 27 October 2009
10. Professor Margaret C Frame, Institute of Genetics & Molecular Medicine, University of Edinburgh "Transgenic models of human breast cancer" 24 November 2009
11. Professor Rudolf Kaaks, Division of Cancer Epidemiology, German Cancer Research Centre "The relationship of cancer risk to obesity and metabolic and hormonal risk factors" 26 January 2010
12. Dr Gabriela Dontu, Department of Academic Oncology, Guy's Hospital "Hierarchy of cellular differentiation in the normal breast and its implications for cancer heterogeneity" 23 February 2010
13. Professor Yibin Kang, Department of Molecular Pathology, Princeton University "Tumor-stromal interactions in breast cancer metastasis: insights from functional genomics" 23 March 2010
14. Professor Lucio Miele, Ergon Professor of Medicine & Pharmacology Director, University of Mississippi Cancer Institute, University of Mississippi Medical Center "Rational targeting of Notch signaling in breast cancer" 27 April 2010
15. Professor Lars Holmberg, Division of Cancer Studies, King's College London School of Medicine "Methodological aspects of survival analysis in cancer patients?" 25 May 2010
16. Dr Salvatore Pece, University of Milan "Stem cells and breast cancer: clinical implications" 22 June 2010
17. Professor Mitch Dowsett, Royal Marsden Hospital "Pre-surgical studies of ER+ breast cancer biology" 20 July 2010
18. Professor Barry Gusterson, Head of Pathology & Gene Regulation and Forensic Medicine & Science, University of Glasgow "Normal breast development. Insights into cancer progression" 19 October 2010
19. Dr John Stingl, CRUK Cambridge Research Institute "Mammary epithelial stem and progenitor cells: understanding the cellular context of breast tumours" 30 November 2010
20. Mathijs Voorhoeve, Duke-NUS, Singapore "Coding and conserved non-coding RNA components of tumor suppressor pathways" 14 February 2011
21. Adrian Harris, Weatherall Institute, Oxford "Angiogenesis in breast cancer" 4 March 2011
22. Arne Ostman, Karolinska Institute, Stockholm, Sweden "Stromal factors in breast cancer progression" 4 March 2011

23. Professor Clare Isacke, Breakthrough Breast Cancer's Deputy Director and Molecular Cell Biology Team Leader "Tumour Angiogenesis & Tumour Extravasation" 5 April 2011
24. Elisabetta Marangoni, Institut Curie, Paris, France "Characterisation and application of preclinical xenograft models of primary human breast cancer" 14 April 2011
25. Professor Christoph Klein, Department of Pathology, Division of Oncogenomics, University of Regensburg "Minimal residual cancer: still the invisible target of therapy?" 10 May 2011
26. Professor Mohamed Bentires-Alj, Friedrich Miescher Institute for Biomedical Research, Switzerland "Role of protein tyrosine-phosphatases in breast cancer" 7 June 2011
27. Dr Ingunn Holen, University of Sheffield, UK "Bone metastasis in breast cancer: stromal interactions, models and targets" 14 June 2011
28. Dr Mike Lewis, Baylor College of Medicine, Houston, Texas, USA "Targeting human breast tumor-initiating cells" 29 June 2011
29. Professor Seth Schor, Unit of Cell & Molecular Biology, Dundee "Migration Stimulating Factor (MSF): A potent driver of tumour progression and novel therapeutic target." 5 July 2011
30. Professor Marina Glukhova, Research Director, Institut Curie, France "Transgenic models of mammary gland development: targeting integrin receptors" 4 October 2011
31. Professor Nancy E Hynes, Friedrich Miescher Institute for Biomedical Research, Switzerland "Targeting kinases in human breast cancers" 1 November 2011
32. Dr Andy Sims, Breakthrough Research Unit, Edinburgh "The bioinformatics of breast cancer" 29 November 2011
33. Professor Suresh Alahari, the Fred Brazda Professor of Biochemistry and Molecular Biology at LSU Health Sciences Center, New Orleans. "Nischarin, a novel protein that regulates breast cancer cell migration and movement" 9 February 2012
34. Dr Elad Katz, Breakthrough Breast Cancer Research Unit, University of Edinburgh "The future in 3D: how to model drug responses using primary breast cancer cultures" 27 February 2012
35. Marc Tischkowitz, Department of Medical Genetics, University of Cambridge "PALB2, Fanconi Anaemia and Breast Cancer" 6 March 2012
36. Matt Smalley (European Cancer Stem Cell Centre, University of Cardiff), 'Identifying the cellular and molecular determinants of breast cancer heterogeneity', 1st May 2012

37. Richard Pestell (Kimmel Cancer Center, Philadelphia), "Non canonical functions of cyclin D and the non coding genome", 22nd June 2012
38. Andrew Ewald, (Johns Hopkins University School of Medicine) "Regulation of mammary epithelial invasion by cell-cell adhesion and the extracellular matrix" 28th June 2012
39. Richard Clarkson (Cardiff), "Targeting two metastasis associated genes in breast cancer", 4th September 2012
40. Ingunn Holen (Sheffield), "Breast cancer metastases to the bone" 2nd October 2012
41. Charles Coombes (Imperial, London) and Andy Tutt (King's College London) 30th November, 2012 (MBC Day)
42. Christine Watson (Cambridge), "Roma - a master regulator of lineage commitment in mammary gland and a guardian of the genome", 4th December 2012
43. Bea Howard (ICR, London), "Embryonic mammary signature subsets are activated in Brca1-/- and basal-like breast cancers", 5th March, 2013
44. Jeff Rosen (Baylor College, Houston), "Cell-Cell Interactions and Paracrine Signaling in Mammary Gland Development and Breast Cancer", 29th April, 2013
45. Ferruccio Galbiati (Pittsburgh, US), "Mechanisms and functional implications of oxidative stress-induced cellular senescence", 4th June, 2013
46. John Wysolmerski (Yale, US), "Calcium Metabolism During Lactation: Emerging Lessons for Breast Cancer", 2nd June, 2013
47. Rama Khokka (Ontario Cancer Institute, Canada), "Progesterone signaling and regulation of stem cells in the mammary gland", 3rd September, 2013
48. Alan Ashworth (ICR, London), "Targeting DNA repair in cancer", 25th October, 2013
49. James Flanagan (ICR, London), "Epigenetics of breast cancer " 29th November, 2013 (MBC Day)
50. Cathrin Brisken (ISREC, Lausanne, Switzerland), 3rd December, 2013
51. Eric Lam (Imperial College London) "FOX transcription factors breast cancer " 7th January, 2014
52. Leonie Young (RCSI, Dublin), "Tumour adaptability in endocrine treated breast cancer" 4th February, 2014
53. Carlos Caldas (Cambridge), "Genomic and transcriptomics in breast cancer" 4th March, 2014

54. Montse Garcias Closes (ICR) "Genetic studies of breast cancer predisposition" 1st April, 2014
55. Mien Chi Hung (MD Anderson) "Growth factor and intracellular signalling pathways" 3rd June, 2014
56. Mike Lewis (Baylor) "PDX Models" 19th June, 2014
57. Jason Carroll (Cambridge) "Regulation of estrogen receptor transcription" 2nd September, 2014
58. Mitch Dowsett (ICR) "Window trials in breast cancer" 7th October, 2014
59. Rob Coleman (Sheffield) "Bone metastasis" and Robin Weiss (UCL) "Genetics and evolution of a canine transmissible cancer", MBC Annual Symposium, 24th October, 2014
60. Val Speirs (Leeds) "ER beta and male breast cancer" 7th November, 2014
61. Justin Stebbing (Imperial) "Circulating tumour cells as biomarkers in trials" 9th December, 2014
62. Judy Campisi (Buck Institute, California) "Mechanisms that link tumor suppression and the development of cancer to aging" 12th December, 2014
63. Generoso Bevilacqua (Pisa) "Viral initiation of breast cancer" 3rd March, 2015
64. Lee Jones (Joint with Genesis) "Exercise and cancer prevention" 2nd June, 2015
65. Sara Zanivan (Beatson) "Secreted CLIC3 cooperates with TGM2 to generate a pro-angiogenic and pro-invasive tumour stroma" 12th June, 2015
66. Steve Hurstings (North Carolina) "Obesity-associated increases in mammary tumor growth persist after weight loss: The role of epigenetic reprogramming", 15th June, 2015
67. Mark Clemmons (Ottawa) "Success, Failures and Future Directions of The Ottawa Bone Oncology Program" , 22nd June, 2015
68. Renée van Amerongen (Amsterdam) "Tales from the mammary gland: How Wnt signaling controls (stem) cell proliferation and differentiation", 7th July, 2015.
69. Chris Lord (ICR, London) "Synthetic lethal approaches to cancer treatment", 1st September, 2015
70. Bin-Zhi Qian (MRC, Edinburgh) "Tumour Microenvironment in Metastasis of Breast Cancer", 6th October, 2015.
71. Max Wicha (Michigan) "Breast Cancer Stem Cells", 23rd October, 2015

72. Eva Gonzalez-Suarez (IDIBELL, Barcelona) "Therapeutic potential of RANK signalling inhibition in breast cancer", 1st December, 2015.
73. Simak Ali (Hammersmith, London) "Understanding Transcriptional Regulation in Breast Cancer; Towards the Development of New Targeted Cancer Therapies" 5th January 2016
74. Jacco van Rheenen (Hubrecht Institute) "Intravital imaging of tumor heterogeneity", 25th February, 2016.
75. Greg Hannon (Cambridge) "Functional models to probe the impact of tumor heterogeneity" 8th March 2016
76. Fran Balkwill (Barts) "Understanding and targeting the ovarian cancer microenvironment" 5th May 2016
77. Anne-Lise Borresen-Dale (Oslo, Norway) "Multilevel molecular analyses in breast cancer: gauging inter- and intra-tumor heterogeneity and elucidating its role in treatment response" – 8th July, 2016
78. Clare Davies (Birmingham) "Arginine methylation: a new player in breast cancer pathogenesis" – 13th September, 2016
79. John Maher (KCL) "Immunotherapy for breast cancer" – 21st October, 2016
80. Jacqui Shaw (Leicester) "Tracking minimal residual disease using circulating free DNA" – 21st October, 2016
81. Jack Cuzick (Barts) "Assessing and Reducing the Risk of Breast Cancer" – 29th November, 2016
82. Jos Jonkers (NKI) "Genetic dissection of breast cancer development, therapy response and resistance in mouse models" - 16th February. 2017
83. Louise Jones (Barts) "Molecular Mediators of Mammographic Density" – 14th March, 2017
84. Nick Turner (ICR, London) "Directing breast cancer therapy with circulating tumour DNA analysis" June 20th, 2017
85. Richard Iggo (Bordeaux) "The mammary ducts create a favourable microenvironment for xenografting of luminal and molecular apocrine breast tumours" July 4th, 2017
86. Walid Khaled (Cambridge) "Single cell gene expression analysis of the mouse mammary gland" July 14th, 2017
87. Pepper Schedin (Portland, USA) "Breast cancer preventive and therapeutic strategies", September 18th, 2017
88. Lone Ronnov-Jensen (Copenhagen) "Novel tools for studying human breast cancer susceptibility" October 12th, 2017

89. Matthew Ellis (Baylor) "Proteogenomics connects somatic mutations to signalling in breast cancer." 3rd November, 2017
90. Dan Rea (Birmingham) "Personalised Treatment for Early Breast Cancer - more is more and less is more" 18th January, 2018
91. Momo Bentires-Alj (Basel) "Basic and translational research on breast tumour heterogeneity, metastasis and therapy resistance." 6th February, 2018
92. Christina Scheel (Munich) - "Epithelial plasticity in mammary morphogenesis and breast cancer progression" 22nd May
93. Ignacio Alvarez Illán (Granada) - "Challenging breast tumor detection with computer aided diagnosis systems in MRI" 14th August.
94. Antonius Antonio (Cambridge) - "the development of risk prediction tools which are used in clinical practice" 18th October, 2018
95. Therese Sorlie (Oslo) - "Breast cancer progression in humans and mouse models", 12th February, 2019
96. Cathrin Brisken (Lausanne) - "Hormones and breast cancer: how models matter", 12th March, 2019
97. Jeff Pollard (Edinburgh) - "Tumour-associated macrophages in breast cancer progression", 2nd May, 2019
98. Zuzana Koledova (Brno) - "Fibroblast growth factors in regulation of breast development and cancer", 4th June, 2019
99. Hasan Korkaya (Augusta University, USA) - "Immune regulation of breast cancer stem cell plasticity", 11th June, 2019
100. Maria Vivanco (Bilbao) - "Endocrine resistance in breast cancer", 2nd July, 2019
101. Carla van Gils (Utrecht) - "Imaging in breast cancer detection", 10th September, 2019
102. Karin de Visser (NKI) - "Impact of the immune system on metastatic breast cancer and therapy response", 31 October, 2019
103. Cristina Branco (Belfast) - "Endothelial-derived remodelling of pre-metastatic organs: role of HIF, hypoxia and metabolism", 7th November, 2019
104. Charlotte Coles (Camb) - "Translational research in breast cancer radiotherapy", 12th December, 2019

105. Max Wicha (Michigan) – “Targeting breast cancer stem cells”, 9th June, 2020
106. Martin Yaffe (Toronto) – “Improving the detection and diagnosis of breast cancer through quantitative imaging”, 30th June, 2020
107. Geoff Lindeman (Melbourne) – “Targeting pro-survival proteins to enhance tumour response in breast cancer”, 29th October, 2020
108. Jeff Rosen (Houston, Texas) - “Leveraging Preclinical Models of Breast Cancer”, 17th November, 2020