Frontiers in Cancer Research and Therapy
6–7 March 2014 | Nobel Forum, Karolinska Institutet, Solna
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<td>9:00–9:15</td>
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| 9:15–9:45    | SESSION 1: CANCER INFLAMMATION  
**Chairs: Andreas Lundqvist & Charlotte Rolny** | Gad Getz, Broad Institute, USA  
*The path towards a complete catalogue of cancer genes* |                                                  |
| 9:45–10:15   |                          | Laurence Zitvogel, INSERM U1015 Université Paris Sud, France  
*The key-lock paradigm of immunogenic cell death* |                                                  |
| 10:15–10:45  |                          | Dmitry Gabrilovich, The Wistar Institute, USA  
*Myeloid-derived suppressor cells and tumor development* |                                                  |
| 10:45–11:15  | COFFEE BREAK             |                                              |                                                  |
| 11:15–11:45  |                          | Alberto Mantovani, University of Milan, Italy  
*Inflammation, macrophage polarization and cancer* |                                                  |
| 11:45–12:15  |                          | Jeffrey Pollard, Albert Einstein Cancer Center, USA  
*Macrophage promotion of tumor progression and metastasis* |                                                  |
| 12:15–12:45  |                          | Eric Wright, University of Dundee, UK  
*Responses to ionizing radiation mediated by inflammatory mechanisms* |                                                  |
| 12:45–14:00  | LUNCH & POSTER SESSION  |                                              |                                                  |
| 14:00–14:30  | SESSION 2: RNA IN CANCER  
**Chairs: Marianne Farnebo & Weng-Onn Lui** | Andrea Califano, Columbia University, USA  
*A hyper-conserved network of competitive endogenous RNAs accounts for the missing genomic variability in cancer* |                                                  |
| 14:30–15:00  |                          | Raul Mendez, Institute for Research in Biomedicine, Spain  
*A new CPEB functions coordinates alternative 3’ UTR processing with translational regulation in cell cycle and cancer* |                                                  |
| 15:00–15:30  |                          | Reuven Agami, Netherlands Cancer Institute, Netherlands  
*ncRNAs at the service of p53* |                                                  |
| 15:30 –16.00 | COFFEE BREAK             |                                              |                                                  |
| 16:00–16:30  |                          | Joan Steitz, Yale University, USA  
*Noncoding RNAs from oncogenic viruses: Insights into evolution* |                                                  |
| 16:30–17:00  |                          | Michael Rosenfeld, University of California San Diego, USA |                                                  |
| 17:00–17:30  |                          | Judy Lieberman, Harvard Medical School, USA  
*Cancer crosstalk: Transfer of exosomes between cancer cells confers metastatic capability* |                                                  |
SESSION 3: CANCER PATHWAYS  
Chairs: Thierry Soussi & Sonia Lain

9:00–9:30  Thomas Gajewski, University of Chicago, USA  
*Immunotherapies based on overcoming resistance mechanisms in the tumor microenvironment*

9:30–10:00  Núria López-Bigas, Universitat Pompeu Fabra, Spain  
*Identification of cancer drivers across tumor types*

10:00–10:30  Junjie Chen, M.D. Anderson Cancer Center, USA  
*Protein-protein interaction network in DNA damage response and tumorigenesis*

10:30–11:00  COFFEE BREAK

11:00–11:30  Guillermina Lozano, M.D. Anderson Cancer Center, USA  
*The role of mutant p53 in tumorigenesis*

11:30–12:00  Klas Wiman, Karolinska Institutet, Sweden  
*Targeting mutant p53 by Michael addition – molecular mechanisms and clinical results*

12:00–12:30  Alice Shaw, Massachusetts General Hospital, USA  
*Targeting ALK and ROS1 Signaling in Human Cancers*

12:30–13:30  LUNCH & POSTER SESSION

SESSION 4: PREVENTION, DIAGNOSIS AND MONITORING  
Chair: Theodoros Foukakis

13:30–14:00  Michael Pollak, McGill University, Canada  
*Endocrinology of cancer prevention*

14:00–14:30  Nitzan Rosenfeld, University of Cambridge, UK  
*Monitoring the cancer genome in plasma using circulating tumour DNA*

14:30–15:00  Per Hall, Karolinska Institutet, Sweden  
*What are the prerequisites for prevention of breast cancer?*

15:00–15:30  COFFEE BREAK

SESSION 5: AUTOPHAGY  
Chairs: Theocharis Panaretakis

15:30–16:00  Guido Kroemer, INSERM U848 Université Paris Descartes, France  
*Elimination of tetraploid cells for cancer prevention*

16:00–16:30  Emmanuelle Passegué, University of California San Francisco, USA  
*Autophagy in hematopoietic stem cell function*

16:30–17:00  Bertrand Joseph, Karolinska Institutet, Sweden  
*The return of the nucleus: epigenetic control of autophagy*
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