

# Danish Cancer Society Symposium 2009 - Programme

## Monday, 19 October 2009

- 08.00 - 08.30 Registration and mounting of posters
- 08.30 - 08.45 Welcome remarks by Jiri Bartek  
Chairman of the Organizing Committee
- Session 1: Genome stability maintenance: Mechanisms and defects in cancer**  
Chairman: Jiri Lukas
- 08.45 - 09.30 Zen and the art of genome maintenance: From Ku to KuDOS  
*Stephen Jackson, UK*
- 09.30 - 10.15 PTIP promotes transcription and DNA repair critical for immunoglobulin isotype switching  
*Andre Nussenzweig, USA*
- 10.15 - 10.30 **Break**
- 10.30 - 11.15 Functional and structural insights of proteins involved in the DNA damage and replication stress response  
*Thanos Halazonetis, Switzerland*
- 11.15 - 12.00 Genomic instability and cancer: Lessons from analysis of Bloom's Syndrome  
*Ian Hickson, UK*
- 12.00 - 12.15 Concluding remarks  
*Session Chair*
- 12.30 - 13.30 **Lunch with the Speakers**

- Session 2: DNA damage response and cellular senescence as anti-cancer barriers**  
Chairman: Thanos Halazonetis
- 13.30 - 14.15 DNA damage response as a biological barrier to tumor progression and microbial infection  
*Jiri Bartek, Denmark*
- 14.15 - 15.00 Non-cell autonomous induction, function and fate of cellular senescence in Myc-driven lymphomas  
*Clemens Schmitt, Germany*
- 15.00 - 16.00 **Poster Session & Break**
- 16.00 - 16.45 Molecular mechanisms of cellular senescence  
*Fabrizio d'Adda di Fagagna, Italy*
- 16.45 - 17.30 Oncogene-induced cellular senescence as a melanoma-suppressing mechanism  
*Daniel S. Peeper, Holland*
- 17.30 - 17.45 Concluding remarks  
*Session Chair*
- Introduction of keynote speaker – Jiri Bartek
- 17.45 - 18.45 Dynamic organization of the DNA damage response by ubiquitin signaling  
*Jiri Lukas, Denmark, **Keynote Speaker***
- 19.00 - 21.30 **Informal dinner at the Danish Cancer Society**

## Tuesday, 20 October 2009

### Session 3: **Genetics and biology of malignant glioma**

Chairman: Ronald DePinho

08.30 - 09.15 Heterogeneity of tumor cell capabilities in glioblastoma:  
Role of genomic alterations and cell lineage  
*Heidi Phillips, USA*

09.15 - 10.00 Implications of the cancer stem cell hypothesis in  
glioblastoma biology  
*Jeremy N. Rich, USA*

10.00 - 10.30 **Break**

10.30 - 11.15 Modeling brain tumors with interspecies genomics  
*Richard J. Gilbertson, USA*

11.15 - 12.00 Targeted therapies for brain tumors: The interaction of  
signalling molecules  
*Webster K. Cavenee, USA*

12.00 - 12.15 Concluding remarks  
*Session Chair*

12.30 - 13.30 **Lunch with the Speakers**

13.30 - 14.15 **Poster Session**

**Session 4: Stem cells, energy metabolism and cancer**

Chairman: Heidi Phillips

14.15 - 15.00 HEDGEHOG-GLI signaling in cancer and stem cells  
*Ariel Ruiz i Altaba, Switzerland*

15.00 - 15.15 **Break**

15.15 - 16.00 Metabolism and cancer  
*Craig Thompson, USA*

16.00 - 16.45 A luminal epithelial stem cell that is a cell of origin for  
prostate cancer  
*Michael M. Shen, USA*

16.45 - 17.00 Concluding remarks  
*Session Chair*

17.00 - 17.15 **Break**

Introduction of keynote speaker – Webster Cavenee

17.15 - 18.15 Telomeres in cancer and aging  
*Ronald DePinho, USA, Keynote Speaker*

20.00 - 23.00 **Dinner at Moltkes Palæ (Moltke's Palace)**

*(For all speakers, participants and representatives from the  
Danish Cancer Society)*

**Venue:**

Moltkes Palæ, the Golden Hall

Dronningens Tværgade 2, 1302 Copenhagen K

Tel. 33148066

## Wednesday, 21 October 2009

### **Session 5: Harnessing the power of new knowledge for cancer treatment**

Chairman: Stephen Jackson

- 09.00 - 09.45 A systems biology approach identifies key modulators of DNA damage signaling and response  
*Michael Yaffe, USA*
- 09.45 - 10.30 Targeting Fanconi anemia/BRCA pathway defects in cancer therapeutics  
*Allan D'Andrea, USA*
- 10.30 - 10.45 **Break**
- 10.45 - 11.30 Synthetic lethal approaches to the development of new therapies targeting DNA repair deficiencies in cancer  
*Alan Ashworth, UK*
- 11.30 - 12.15 Targeting DNA-repair deficiency in mouse models for BRCA-associated breast cancer  
*Jos Jonkers, Holland*
- 12.15 - 12.30 Concluding remarks  
*Session Chair*
- 12.30 - 13.30 **Lunch** (End of DCS symposium)