



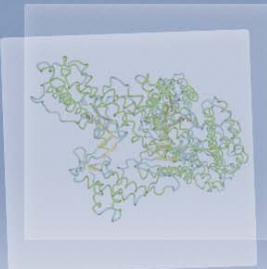
# AGING & CANCER 2011

from molecules to organisms

DKFZ-ZMBH  
Alliance Forum  
May 19-21, 2011

## Program

Jiri Bartek, Copenhagen  
Alexander Buerkle, Konstanz  
Petra Boukamp, Heidelberg  
Judith Campisi, Berkeley  
Calogero Caruso, Palermo  
Claudio Franceschi, Ancona  
Dan Gottschling, Seattle  
Jan Hoeijmakers, Rotterdam  
Stephen Jackson, Cambridge  
Tom Kirkwood, Newcastle  
Guido Kroemer, Paris  
Peter M. Lansdorp, Vancouver  
Valter Longo, Los Angeles  
Linda Partridge, London  
Daniel Peeper, Amsterdam  
Eline Slagboom, Leiden  
Heidi Tissenbaum, Worcester  
Aleksandra Trifunovic, Cologne  
Geoffrey West, Santa Fe



SFB 873

**Thursday May 19**

2.00 pm **Otmar D. Wiestler & Hellmut Augustin**, Opening remarks

2.15 pm **Konrad Beyreuther**, *"The Heidelberg Network of Aging Research"*

2.30 – 3.15 pm Opening & Keynote lecture

Chair: Konrad Beyreuther:

**Tom Kirkwood**, *"Aging and cancer - concepts and theories"*

3.15 – 6.40 pm Session I: Human Aging

Chair: Peter Angel

3.15 pm **Geoffrey West**, *"Ontogeny to mortality: towards a general quantitative theory of aging"*

3.50 pm **Claudio Franceschi**, *"Human longevity: a comprehensive „omics“ approach"*

4.25 pm *coffee break*

4.55 pm **Eline Slagboom**, *"Molecular and genomic characteristics of aging in long-living families"*

5.30 pm **Alexander Bürkle**, *"Towards biomarkers of human ageing: the ongoing EU project MARK-AGE"*

6.05 pm **Petra Boukamp**, *"Skin aging: a role for the dermis rather than the epidermis"*

6.40 pm Poster session

6.40 pm *posters are displayed in the foyer*

evening *coming together with snacks and beer*

**Friday May 20**

9.00 am – 12.25 pm Session II: Nutrients, Metabolism and Mitochondria

Chair: Stephan Herzig

9.00 am **Heidi Tissenbaum**, *"The central role of FOXO in lifespan regulation"*

9.35 am **Guido Kroemer**, *"Autophagy for a long life without cancer"*

10.10 am **Aleksandra Trifunovic**, *"The role of mitochondrial dysfunction in aging"*

10.45 am *coffee break*

11.15 am **Linda Partridge**, *"Nutrient-sensing pathways and aging"*

11.50 am **Dan Gottschling**, *"Mechanisms of organelle deterioration"*

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**1.00 pm – 3.00 pm Poster session**

1.00 pm *poster are displayed in the foyer*

**3.00 – 5.50 pm Session III: Cellular Responses to Senescence and Aging**

Chair: Brian Luke

3.00 pm **Judith Campisi**, *"The DNA damage response links inflammation, aging and cancer"*

3.35 pm **Calogero Caruso**, *"Aging, longevity and cancer: role of inflammation"*

4.10 pm *coffee break*

4.45 pm **Peter Lansdorp**, *"Telomere loss in stem cells: a flawed tumor suppressor mechanism"*

5.15 pm **Daniel Peeper**, *"Oncogene-induced senescence and melanoma development"*

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**Saturday May 21****09.30 am – 12.35 pm Session IV: Genome Instability**

Chair: Thomas Hofmann

09.30 am **Jiri Bartek**, *"DNA damage checkpoints in cellular senescence, tumorigenesis and aging"*

10.05 am **Stephen Jackson**, *"Cellular responses to DNA damage: molecular insights and implications for cancer therapy"*

10.40 *coffee break*

11.10 am **Jan Hoejmackers**, *"The impact of DNA damage on human health with aging"*

11.45 am **Valter Longo**, *"Nutrient signaling and DNA damage: from microbial adaptation to human cancer"*

12.20 pm Closing remarks

## Location

German Cancer Research Center (DKFZ) - Communication Center  
Im Neuenheimer Feld 280  
69120 Heidelberg, Germany

