

POSTER WALK 1: Tuesday 22 January 2013 16:45h – 18:00h

Poster no.	Abstract Title	Topic/Hallmark	Presenting author	
1	Effect of CCL2 on monocytes and metastatic breast cancer	invasion and metastasis	Bonapace	Laura
2	Characterisation and Detection of Liver Metastasis with CEA-specific Cu-64-DOTA labelled M5A-Antibody in vivo	invasion and metastasis	Krueger	Marcel
3	Visualizing metastasis with nanoparticles – an early insight	invasion and metastasis	Schildt	Anna
4	Longitudinal non-invasive probing of orthotopic human acute myeloid leukemia development and dissemination thanks to near-infrared-2-Deoxyglucose (NIR-2DG): specificity, efficiency and exploitability	invasion and metastasis	Lassailly	Francois
5	Kinome wide screening for regulators of focal adhesions dynamics identifies PFKFB2 as a novel determinant of breast cancer progression	invasion and metastasis	Le Dévédec	Sylvia
6	Development of a new molecular imaging approach for early detection of lung metastasis	invasion and metastasis	Melemenidis	Stavros
7	MR imaging of ovarian carcinoma bearing mice after intravenous administration of dual-mode folate targeted SLNs.	invasion and metastasis	Cabella	Claudia
8	Ex vivo assays for the DNA Damage Response in human tumor tissue samples	genome instability	Naipal	Kishan
9	Multimodality Imaging of a DNA Repair Deficient Premature Aging Mouse Model	genome instability	van Thiel	Bibi
10	Highly sensitive endogenous MRI contrast to map variations in tumor oxygenation: monitoring of response to carbogen breathing and to the anti-vascular agent CA4	resisting cell death	Colliez	Florence
11	Radiation Sensitivity in HNSCC and the Role of Cellular Oxygen Sensors	resisting cell death	Silén	Jonna
12	MRI biomarkers for the identification of High Intensity Focused Ultrasound-treated tumor tissue	resisting cell death	Hectors	Stefanie

Chair persons: Andreas Jacobs and Marion de Jong

POSTER WALK 2: Wednesday 23 January 2013 16:45h – 18:00h

Poster no.	Abstract Title	Topic/Hallmark	Presenting author	
13	Multicolor Bioluminescence imaging of NFkB activation in a breast cancer cell line for screening analogues of curcumin.	sustaining proliferative signaling	Löwik	Clemens
14	A majority of the differentially expressed genes is down-regulated during malignant transformation in a four stage human cell line model	sustaining proliferative signaling	Danielsson	Frida
15	Delineation of microscopic oral squamous cell carcinoma using a near-infrared fluorescent anti-epidermal growth factor receptor nanobody.	sustaining proliferative signaling	van Driel	Pieter
16	RNA-aptamers against human RTKs as tools for in vivo cancer cell molecular imaging	sustaining proliferative signaling	Rienzo	Anna
17	Difference of 18F-FLT uptake and DW-MRI in various lung carcinoma xenografts	sustaining proliferative signaling	Schäfers	Sonja
18	HER-2/neu oncogene effects on microRNA levels and its role in anchorage independent growth by loss of cell adhesion	sustaining proliferative signaling	Park	Jinha
19	Imaging the consequences of the hypoxic tumour environment at the cellular level	inducing angiogenesis and activating	See	Violaine
20	Assessment of anti-angiogenic drug activity using dynamic contrast-enhanced micro-CT correlates with 3-dimensional fluorescence ultramicroscopy in breast cancer xenografts	inducing angiogenesis and activating	Pöschinger	Thomas
21	Characterization of dendritic contrast agents for DCE-MRI of the tumor vasculature	inducing angiogenesis and activating	Jacobs	Igor
22	Imaging ErPC3-treatment response shows reduced TSPO signal and demonstrates glioma invasion of microglia/macrophages and astrocytes in the tumor core	inflammation	Winkeler	Alexandra
23	Targeting of activated leukocytes by an imaging peptide specifically binding to a β 2-integrin enabling optical- and radio-imaging of inflammatory loci in vivo	inflammation	Penate-Medina	Oula
24	Influence of the administration route on the treatment efficiency of tumor-associated antigen (TAA) specific Th1 cells in an animal model for pancreatic cancer	inflammation	Griessinger	Christoph
25	Glycolytic phenotype influences changes in cell proliferation and tumor hypoxia after anti-angiogenic therapy	reprogramming of energy metabolism	Valtorta	Silvia

Chair persons: Bertrand Tavitian and Tony Lahoutte