Feb 6, 2014, Ghent University Hospital campus

8.45-9.00  **Opening**

**Selected abstract presentations**

09.00-09.20  
*A novel MYCN/ miR-26a-5p/ LIN28B regulatory axis underlies MYCN -driven LIN28B upregulation during mouse neuroblastoma development*
Beckers Anneleen

09.20-09.40  
*SOX11 is a lineage-survival oncogene in neuroblastoma*
Decaesteker Bieke

09.40-10.00  
*Micro-particle encapsulated carcinoma-associated fibroblast (CAF) deceive and redirect disseminated cancer cells*
De Vlieghere Elly

10.00-10.40  **Short abstract presentations**

10.40-11.00  **Coffee break**

10.40-11.00  **Selected abstract presentations**

11.00-11.20  
*MicroRNA-128-3p is a novel oncomir targeting PHF6 in T-cell acute lymphoblastic leukemia*
Mets Evelien

11.20-11.40  
*Optimization and characterization of a novel intraductal mouse mammary tumor model*
Meyer Evelyne

11.40-12.00  
*Identification of a ZEB2-MITF-ZEB1 transcriptional network that controls melanogenesis and melanoma progression*
Denecker Geertrui

12.00-12.40  **Short abstract presentations**

12.40-13.30  **Lunch**
Selected abstract presentations

13.30-13.50 The bubble breakthrough in cancer immunotherapy: the use of mrna sonoporation in dendritic cell-based cancer vaccination
Dewitte Heleen

13.50-14.10 A comparative study of four isolation methods for exosomes from cell culture models
Van Deun Jan

14.10-14.30 Expanding the TLX1-regulome in T-cell acute lymphoblastic leukemia towards long non-coding RNAs
Durinck Kaat

14.30-14.50 A model-based analysis of IPEC dosing of paclitaxel in rats: “less is more”
Colin Pieter

14.50-15.10 LncRNA expression landscaping in cancer identifies novel lineage survival oncogenes in melanoma
Mestdagh Pieter

15.10-15.30 Green tea compound EGCG activates HBP1: an ALK downstream suppressor gene in neuroblastoma
Claeys Shana

15.30-15.50 ABT-199 mediated inhibition of BCL-2 as a novel therapeutic strategy in early immature T-cell acute lymphoblastic leukemia
Peirs Sofie

15.50-16.10 Coffee break

Selected abstract presentations

16.10-16.30 Metastasis-directed therapy for oligometastatic recurrence in non-castrate prostate cancer patients
Claeys Tom

16.30-16.50 Role of NANOS family members in tumor progression
Andries Vanessa

16.50-17.10 Temporal dynamics and therapeutic potential of the unfolded protein response in hepatocellular carcinoma
Vandewynckel Yves-Paul

17.10-17.50 Short abstract presentations

17.50-18.05 Final conclusions, announcements of awards

18.05-end Communicake (drinks, cake, and communication)
**Short abstract presentations**

**Pottel Lies**
Serial Comprehensive Geriatric Assessment in elderly head and neck cancer patients indicates quality of life during and after curative radiotherapy (abstract 17)

**Lycke Michelle**
Validation of the Freund Clock Drawing Test as a screening tool to detect cognitive dysfunction in elderly cancer patients undergoing Comprehensive Geriatric Assessment. (abstract 18)

**Tommelein Joke**
Radiation-induced changes in carcinoma-associated fibroblasts: consequences for fibrosis and colorectal cancer progression (abstract 19)

**Van Nieuwenhuysen Tom**
TALEN mediated disruption of Adenomatous Polyposis Coli in Xenopus as a model for Wnt driven tumorigenesis (abstract 20)

**Bracke Nathalie**
The possible role of somatropin derivatives as a theranostic in oncology (abstract 21)

**Van Troyes Marleen**
TUMOR CELL INVASION DYNAMICS IN 3D-MATRICES: QUANTATIVE ANALYSIS USING THE CELLMIA-CellMissy SOFTWARE TANDEM (abstract 22)

**Vermassen Tijl**
Prostate proteins glycosylation profile as a potential diagnostic biomarker for prostate cancer (abstract 23)

**Cicchelero Laetitia**
Preparation and characterization of a cancer vaccine composed of immunogenically killed tumor cells and dendritic cells (abstract 24)

**Yao Han**
PHARMACOPEIAL CHARACTERIZATION OF ASPARAGINASE (abstract 25)

**Feys Lynn**
Mouse xenograft model for investigating impact of radiation on lung metastasis. (abstract 26)

**Descamps Benedicte**
Molecular MRI in preclinical research (abstract 27)

**Krysko Dmitri**
Immunogenic cell death - apoptosis or necroptosis - does it matter? (abstract 28)

**Van der Meulen Joni**
The H3K27me3 demethylase UTX is a gender-specific tumor suppressor in T-cell acute lymphoblastic leukemia (abstract 29)

**De Craene Bram**
ROLE OF EMT TRANSCRIPTION FACTORS IN SKIN EPIDERMIS (abstract 30)

**Rihani Ali**
CASP8 SNP D302H (rs1045485) is associated with worse survival in MYCN-amplified neuroblastoma patients (abstract 31)

**Janssens Els**
Phf6 plays a role in hematopoiesis and thymopoiesis in zebrafish. (abstract 32)
Rombout Ans  LPL SNPs rs301 and rs13702 predict overall survival in CLL patients (abstract 33)

Rousseau Quentin  Impact of 10Gy irradiation on exosome release by carcinoma-associated fibroblasts (abstract 34)

Van Bockstal Mieke  Identification of a JAK3/STAT3 passenger activation in a HER2-amplified breast cancer model of acquired resistance to lapatinib. (abstract 35)

Wayteck Laura  HITCHHIKING NANOPARTICLES: REVERSIBLE COUPLING TO TUMOR-SPECIFIC T CELLS FOR TARGETED DRUG DELIVERY (abstract 36)

Drebert Zuzanna  Glucocorticoid receptor modulation impacts the tumor microenvironment (abstract 37)

Van Audenhove Isabel  Fine tuning fascin function in invadopodium formation using inhibitory and delocalizing nanobodies (abstract 38)

Bolcaen Julie  F-18 fluoromethylcholine (FCho), F-18 fluoroethyltyrosine (FET) and F-18 fluorodeoxyglucose (FDG) for the discrimination between tumor recurrence and radiation necrosis in high-grade glioma: a μPET study. (abstract 39)

Clarisse Dorien  Determining the cofactor profile of the glucocorticoid receptor in lymphoid malignancies using MARCoNI (abstract 40)

Denies Sofie  Combination of interleukin-12 gene therapy, metronomic cyclophosphamide and DNA cancer vaccination directs all arms of the immune system towards tumor eradication (abstract 41)

Bethuyne Jonas  The use of nanobodies® as a regulating tool for p53’s transcriptional functions. (abstract 42)

Hemeryck Lieslot  IN VITRO AND IN VIVO SCREENING FOR DIET-RELATED DNA ADDUCTS USING ULTRA-HIGH PERFORMANCE LIQUID CHROMATOGRAPHY COUPLED TO HIGH RESOLUTION MASS SPECTROMETRY (abstract 43)

Baert Annelot  Development of an S-G2 micronucleus assay for the detection of in vitro chromosomal radiosensitivity in BRCA1 and BRCA2 mutation carriers. (abstract 44)

De Leeneer Kim  The prevalence of ATM sequence variants in a Belgian (fe)(male) (breast cancer) population. (abstract 45)

Ost Piet  The importance of the number of metastases on prostate cancer-specific survival in patients with noncastrate metastatic prostate cancer following curative treatment. (abstract 46)
Short abstract presentations

Van Praet Charles Androgen receptor gene amplification in prostate cancer: a possible role for the stroma? (abstract 47)

Van Caeneghem Yasmine Genetic correction of induced pluripotent stem cells from a Wiskott-Aldrich Syndrome patient normalizes the immune defects. (abstract 48)

De Ryck Tine Microbe-epithelial crosstalk in cancer therapy (abstract 49)

Vanhee Stijn cMYB expression during in vitro hematopoiesis from human embryonic stem cells (abstract 50)

Gerlo Sarah An interactomics approach to unravel IRE1alpha function (abstract 51)

Lamote Kevin Volatile Organic Compounds as a Diagnostic Tool for Malignant Pleural Mesothelioma. (abstract 52)

Vanden Bussche Julie Fecal metabolite profiling as a first step towards gut health fingerprinting and disease-specific biomarkers (abstract 53)

Lambertz Irina ETV5 is a strong candidate driver oncogene in neuroblastoma (abstract 54)

Antonissen Gunther Carboplatin in avian medicine: a pharmacokinetic approach (abstract 55)

Dakwar George In vitro evaluation of liposomes encapsulating siRNA in SKOV-3 cells (abstract 56)

Ghazavi Farzaneh Prognostic relevance of BTLA/CD200 deletion in pediatric pre-B cell acute lymphoblastic leukemia (abstract 57)

Bogaerts Eliene TIME-DEPENDANT EFFECTS OF HYPOXIA ON LIVER PROGENITOR CELL ACTIVATION IN A MOUSE MODEL FOR HEPATOCELLULAR CARCINOMA (abstract 58)

Goossens Steven ZEB2 drives immature T-cell lymphoblastic leukemia development via altered IL-7 receptor signalling and enhanced tumor-initiating potential (abstract 59)

Chevolet Ines ENDOTHELIAL INDOLEAMINE 2,3-DIOXYGENASE IS CONSISTENTLY EXPRESSED IN THE MELANOMA IMMUNE MICROENVIRONMENT AND INFLUENCES PROGNOSIS (abstract 60)

Van Goethem Alan Evaluation of targeted drugs in combination with the MDM2 antagonist RG7388 in neuroblastoma (abstract 61)

Mampaey Evi STUDY OF GENOMIC ALTERATIONS IN COLON CARCINOMA BY ARRAY COMPARATIVE GENOMIC HYBRIDIZATION (abstract 62)