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BELGISCHE VERENIGING VOOR DE STUDIE
VAN KANKER "B.V.S.K" : : <http://www.bacr.be>
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BELGIAN ASSOCIATION FOR CANCER RESEARCH (B.A.C.R.-A.B.E.C.-B.V.S.K.)
Saturday, February 5, 2011 at
CHU ULg Sart-Tilman – Auditoire ROSKAM
Faculté de Médecine
B – 4000 Liège

HALLMARKS OF CANCER REVISITED AND ITS IMPLICATIONS FOR TREATMENT

The assembly is chaired by Prof. J. Vermorken.

Oral presentations (8 competitors)

First award:

Florence Defresne¹, Caroline Bouzin¹, Marie Grandjean¹, Marc Dieu², Martine Raes², Antonis K. Hatzopoulos³, Christian Kupatt⁴ and Olivier Feron¹

1University of Louvain, Pole of Pharmacology & Therapeutics (UCL-FATH), Angiogenesis & Cancer Research Laboratory, Brussels, Belgium, 2 University of Namur-FUNDP, Unit of Research in Cellular Biology, Namur, Belgium, 3Vanderbilt University, Division of Cardiovascular Medicine, Nashville, USA, 4Ludwig-Maximilians University, Cardiology Division, Munich, Germany (E-mail: f.defresne@uclouvain.be)

PRECONDITIONED ENDOTHELIAL PROGENITOR CELLS REDUCE METASTASES FORMATION FROM MELANOMA CELLS THROUGH SPARC-DRIVEN CELL-CELL INTERACTION AND ENDOCYTOSIS.

Second award :

Melike Marsan¹, Ridha Limame², Katrien François¹, François Bertucci³, Nato Ueno³, Filip Lardon², Patrick Pauwels², Peter Van Dam¹, Peter Vermeulen¹, Luc Dirix¹ and Steven Van Laere¹

1 Translational Cancer Research Group Antwerp (Oncology Center, General Hospital Sint-Augustinus, Wilrijk, Belgium)

2 Laboratory for Cancer Research and Clinical Oncology (University Antwerp, Wilrijk, Belgium)

3 Department of Breast Medical Oncology and Department of Stem Cell Transplantation (The University of Texas MD Anderson Cancer Center, Houston, Texas, USA)

4 Département d'Oncologie Moléculaire (Centre de Recherche en Cancérologie de Marseille UMR891 Inserm, Institut Paoli-Calmettes (IPC), Marseille France)

A CORE INVASIVENESS GENE SIGNATURE REVEALS REDUCED EMT IN SAMPLES FROM PATIENTS WITH IBC, POTENTIALLY REGULATED BY DECREASED EGFR- AND TGF β -SIGNALING.

Third award:

Bram De Craene^{1,2,*}, Geertrui Denecker^{1,2,*}, Petra Vermassen^{1,2}, Marianthi Tatari^{1,2}, Alexander Gheldof^{1,2}, Jos Jonkers³, Elaine Fuchs³, Geert Berx^{1,2}

1 Department for Molecular Biomedical Research, VIB, B-9052 Ghent, Belgium;

2 Department of Biomedical Molecular Biology, Ghent University, B-9052 Ghent, Belgium

3 Division of Molecular Biology, Netherlands Cancer Institute, 1066 CX Amsterdam, The Netherlands

4 Howard Hughes Medical Institute, Rockefeller University, New York, New York 10065, USA

*equal contribution

IN VIVO FUNCTIONAL ANALYSIS OF THE EMT-INDUCING TRANSCRIPTION FACTOR SNAIL IN SKIN CANCER PROGRESSION.

Posters (48 competitors) :

First award (two ex-aequo) :

D. Desmet¹, C. Tellier¹, O. Feron², T. Arnould¹, C. Michiels¹

(¹Laboratory of Biochemistry and Cellular Biology (URBC), University of Namur and ² Unit of Pharmacology and Therapeutics, University of Louvain)

ADAPTATIONS OF ENDOTHELIAL CELLS TO CYCLING HYPOXIA : A ROLE IN TUMORAL ANGIOGENESIS AND INFLAMMATION.

Dieter JE Peeters^{1,3*}, Pieter-Jan van Dam¹, Gert G Van den Eynden¹, Xuan Bich Trinh¹, Steven J Van Laere¹, Peter A van Dam¹, Peter B Vermeulen¹, Patrick Pauwels², Marc Peeters³, and Luc Y Dirix¹.

¹Translational Cancer Research Group, Laboratory of Pathology, University of Antwerp/GZA Hospitals St-Augustinus, Antwerp, Belgium

²Department of Pathology, University of Antwerp/University Hospital Antwerp, Antwerp, Belgium

³Department of Medical Oncology, University of Antwerp/University Hospital Antwerp, Antwerp, Belgium

* Dieter Peeters is a research assistant of the Fund for Scientific Research Flanders

ENUMERATION OF CIRCULATING TUMOUR CELLS IN CENTRAL AND PERIPHERAL VENOUS BLOOD SAMPLES OF PATIENTS WITH METASTATIC BREAST CANCER.

Second awards (two ex-aequo) :

Q. Godechal, P. Leveque, L. Marot, J-F. Baurain, and B. Gallez

Louvain Drug Research Institute, Biomedical Magnetic Resonance Research Group, University of Louvain, Avenue Mounier 73/40, 1200 Brussels, Belgium. Quentin.godechal@uclouvain.be

CHARACTERIZATION OF HUMAN MELANOMAS BY EPR IMAGING.

Gert G Van den Eynden¹, M Fiorentino², Steven S Van Laere¹, Dieter J Peeters^{1,3}, X Bich Trinh², Luc Y Dirix² and Peter B Vermeulen²

¹ Translational Cancer Research Group Antwerp, GZA Hospitals Augustinus/University of Antwerp, Antwerp, Belgium

² Laboratory of Oncologic and Transplantation Molecular Pathology, "Addarii" Institute of Oncology, Bologna, Italy

³Dept of Oncology, University Hospital Antwerp, Edegem, Belgium

GENE EXPRESSION ANALYSIS OF LIVER METASTASES WITH DIFFERENT GROWTH PATTERNS

◆ The full titles of awarded presentations will appear on the BACR website.

Professor G. ANDRY,
Secretary.

Professor J-B. VERMORKEN,
Chairman.