



SCIENTIFIC MEETING ABEC/BVSK – 05/02/2011

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1. **LYMPHANGIOGENESIS ASSESSMENT IN TRANSFORMATION ZONE OF NORMAL CERVIX THROUGH TO EARLY CERVICAL CANCER USING A NEW REPRODUCIBLE COMPUTER ASSISTED METHOD**
C. Balsat, N. Signolle, F. Goffin, C. Munaut, A. Béliard, S. Blacher, P. Delvenne, K. Delbecq, A. Noël, J-M Foidart, F. Kridelka
GIGA Research, Laboratory of Tumor and Development Biology, University of Liège, Pathology Tower (B23), B-4000 Liège, Belgium, c.balsat@ulg.ac.be
2. **CIGARETTE SMOKE-INDUCED INFLAMMATION PROMOTES MELANOMA CELL METASTASIS IN LUNG PARENCHYMA**
Bekaert S., Rocks N., Gueders M., Paulissen G., Noël A. and Cataldo D.
Laboratory of Biology of Tumors and Development, GIGA-Cancer, University of Liege and CHU of Liège, Belgium
3. **DIFFERENTIAL REGULATION OF CYCLIN-DEPENDENT KINASE 4 (CDK4) AND CDK6, EVIDENCE THAT CDK4 MIGHT NOT BE ACTIVATED BY CDK7, AND DESIGN OF A CDK6 ACTIVATING MUTATION**
Xavier Bisteau, Laurence Bockstaele, Sabine Paternot, and Pierre P. Roger
Institute of Interdisciplinary Research (IRIBHM), Université Libre de Bruxelles, Campus Erasme, B-1070 Brussels, Belgium, xbisteau@ulb.ac.be
4. **EXPRESSION ANALYSIS ON ARCHIVAL MATERIAL: COMPARISON OF FIVE COMMERCIALY RNA ISOLATION KITS FOR FFPE MATERIAL.**
Boeckx C., Wouters A, Deschoolmeester V, Specenier P, Pauwels P, Peeters M, Lardon F, Pauwels B, and Baay M.
*Center for Oncological Research Antwerp, CORE Antwerp.
corresponding author: Carolien Boeckx, University of Antwerp, Laboratory for Cancer Research and Clinical Oncology, Universiteitsplein 1 (T3.11), B2610 Wilrijk - Belgium, phone +32 3820 2576, e-mail carolien.boeckx@ua.ac.be*
5. **IMPLICATION OF ZONULA OCCLUDENS-1 (ZO-1) IN THE METASTATIC PROGRESSION OF BREAST TUMOR CELLS.**
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*Anne.brysse@ulg.ac.be
1 Laboratory of Developmental and Tumor Biology, GIGA-Cancer, University of Liège, 4000 Liège, Belgium.
2 Unité I.N.S.E.R.M. U514, Laboratoire Pol Bouin, I. F. R. 53, C.H.U. Maison Blanche, 51100 Reims, France.
3 Institute of Molecular and Cell Biology, Epithelial Cell Biology Laboratory, Singapore, Singapore.*

6. OPTIMIZATION OF siRNA TRANSFECTION FOR TARGETING EGFR IN H1975 LUNG CANCER CELLS

Gang Chen*, Peter Kronenberger*§, Erik Teugels* and Jacques De Grève*

*Laboratory of Molecular Oncology and Department of Medical Oncology, Universitair Ziekenhuis Brussel, Vrije Universiteit Brussel, Brussels, Belgium

§Laboratory for Biotechnology, Department of Gezondheidszorg, Erasmushogeschool Brussel, Brussels, Belgium.

Correspondence to: Prof. Dr. Jacques De Grève.

Address: Laboratory of Molecular Oncology and Department of Medical Oncology, UZ Brussel, Vrije Universiteit Brussel, Laarbeeklaan 101, 1090 Brussels, Belgium.

Tel: +32 2 4776415 Fax: +32 2 4776210 Email: Jacques.Degreve@uzbrussel.be

7. COMBINATION OF BIBW 2992 AND EGFR RNA INTERFERENCE IN LUNG CANCER CELL LINES

Gang Chen*, Ijeoma Adaku Umelo*, Peter Kronenberger*§, Erik Teugels* and Jacques De Grève*

*Laboratory of Molecular Oncology and Department of Medical Oncology, Universitair Ziekenhuis Brussel, Vrije Universiteit Brussel, Brussels, Belgium

§Laboratory for Biotechnology, Department of Gezondheidszorg, Erasmushogeschool Brussel, Brussels, Belgium.

Correspondence to: Prof. Dr. Jacques De Grève.

Address: Laboratory of Molecular Oncology and Department of Medical Oncology, UZ Brussel, Vrije Universiteit Brussel, Laarbeeklaan 101, 1090 Brussels, Belgium.

Tel: +32 2 4776415 Fax: +32 2 4776210 Email: Jacques.Degreve@uzbrussel.be

8. INFLUENCE OF RT-QPCR PRIMER POSITION ON EGFR RNA INTERFERENCE EFFICACY IN LUNG CANCER CELLS

Gang Chen, Peter Kronenberger*§, Erik Teugels* and Jacques De Grève**

*Laboratory of Molecular Oncology and Department of Medical Oncology, Universitair Ziekenhuis Brussel, Vrije Universiteit Brussel, Brussels, Belgium

§Laboratory for Biotechnology, Department of Gezondheidszorg, Erasmushogeschool Brussel, Brussels, Belgium.

Correspondence to: Prof. Dr. Jacques De Grève.

Address: Laboratory of Molecular Oncology and Department of Medical Oncology, UZ Brussel, Vrije Universiteit Brussel, Laarbeeklaan 101, 1090 Brussels, Belgium.

Tel: +32 2 4776415 Fax: +32 2 4776210 Email: Jacques.Degreve@uzbrussel.be

9. IMPLICATION OF PLASMACYTOID DENDRITIC CELLS IN THE MALIGNANT TRANSFORMATION OF CERVICAL EPITHELIAL METAPLASIA

Demoulin Stéphanie*, Herfs Michaël, Joan Somja, Roncarati Patrick, Boniver Jacques, Delvenne Philippe, Hubert Pascale

Laboratory of Experimental Pathology, GIGA-Cancer, University of Liège, B-4000 Liège, Belgium

*stephanie.demoulin@ulg.ac.be

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

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

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

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Laboratory of Tumor and Development Biology, Groupe Interdisciplinaire de Génoprotéomique Appliqué – Recherche (GIGA-Cancer), University of Liège, Belgium.
Benoit.Detry@ulg.ac.be
- 12. SOLUBLE VEGFR-2: BASAL AND INDUCED RELEASE BY ENDOTHELIAL AND LYMPHATIC CELLS**
E. Gengoux, S. Lorquet, E. Hendrick, S. Berndt, A. Noël, J-M. Foidart, C. Munaut, C. Péqueux
emily.gengoux@ulg.ac.be
University of Liège, GIGA-Cancer, Laboratory of Tumour and Development Biology, Institute of Pathology, CHU-B23, 4000 Liège, Sart Tilman
- 13. CHARACTERIZATION OF HUMAN MELANOMAS BY EPR IMAGING**
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
- 14. THE L1 MAJOR CAPSID PROTEIN OF HPV16 DIFFERENTIALLY MODULATES ANTIGEN-PRESENTING CELL TRAFFICKING ACCORDING TO THE VACCINATION OR NATURAL INFECTION CONTEXT**
Ludivine Herman¹, Pascale Hubert¹, Michaël Herfs¹, Gaele Kustermans¹, Yves Henrotin², Latifa Bousarghin³, Jacques Boniver¹ and Philippe Delvenne¹
Department of Experimental Pathology, University Hospital of Liège, CHU Sart Tilman, Liège, Belgium
Bone and Cartilage Research Unit, University Hospital of Liège, CHU Sart Tilman, Liège, Belgium
Department of Microbiology, UPRES-EA 1254, European University of Bretagne, University of Rennes¹, Rennes, France
- 15. MEMBRANE ANCHORED PROTEASE REGULATION DURING TUMORAL GROWTH**
Lorin Host, Alexandra Paye, Catherine Généreux, Nor Eddine Sounni and Agnès Noël.
Laboratoire de Biologie des Tumeurs et du Développement, GIGA-cancer, Université de Liège, tour de pathologie (B23), +4, 4000 Liège
Tél. : 04366 2559
Fax : 04366 2569
Courriel : L.Host@ulg.ac.be
- 16. TARGETING ANOXIC TUMOR CELLS THROUGH REDD1 MODIFICATION IN A549 LUNG CANCER CELLS.**
Johan Ides¹, An Wouters¹, Peter Ponsaerts², Marc Baay¹, Greet G.O. Pattyn¹, Hilde A.J. Lambrechts¹, Marc Peeters¹, Bea Pauwels¹, and Filip Iardon¹
1 Center for Oncological Research (CORE) Antwerp, Laboratory of Cancer Research and Clinical Oncology, University of Antwerp, Wilrijk, Belgium
2 Laboratory of Experimental Hematology, University of Antwerp, Wilrijk Belgium
Tel: +32 3 265 25 76, Email: Johan.Ides@ua.ac.be

- 17. MULTI-MODALITY MR IMAGING FOR PROSTATE CANCER DETECTION IN CORRELATION WITH WHOLE-MOUNT HISTOPATHOLOGY**
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1 Department of Radiation Oncology, University Hospitals Leuven, Leuven, Belgium
2 Department of Histopathology, University Hospitals Leuven, Leuven, Belgium
3 Department of Radiology, University Hospitals Leuven, Leuven, Belgium
4 Leuven Biostatistics and Statistical Bioinformatics Centre, Leuven, Belgium
5 Department of Urology, University Hospitals Leuven, Leuven, Belgium
- 18. TLR-2 AND TLR-9 ARE REQUIRED FOR DOXORUBICIN-INDUCED INTESTINAL MUCOSITIS**
Agnieszka Kaczmarek1,2, Brigitta Brinkman1,2, Stefan Magez3,4, Liesbeth Heyndrickx1,2, Anje Cauwels1,2, Dmitri V. Krysko1,2,#, Peter Vandenabeele1,2,#.
1Department for Molecular Biomedical Research, VIB, Ghent, Belgium; 2Department of Biomedical Molecular Biology, Ghent University, Ghent, Belgium; 3Laboratory for Cellular and Molecular Immunology, Vrije Universiteit Brussel, Brussels, Belgium; 4Department of Molecular and Cellular Interactions, VIB, Brussels, Belgium. #These authors contributed equally to the work
E-mail: agnieszka.kaczmarek@dibr.vib-ugent.be
- 19. V600E BRAF MUTATION IS ASSOCIATED WITH A LOW PROLIFERATION OF MELANOMA CELLS BUT WITH A HIGHER DEPENDANCE ON MAPK PATHWAY**
Mohammad Krayem, Mimoune Berehab, Murielle Wiedig, Renato Morandini, Fabrice Journe, Ghanem Ghanem
LOCE, Institut Jules Bordet, ULB, Brussels, Belgium
mkrayem@ulb.ac.be
- 20. OPN KNOCKDOWN SUPPRESSES GLIOMA STEM CELL PHENOTYPE AND DECREASES TUMORIGENICITY IN VIVO**
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1Metastasis Research laboratory, GIGA-Cancer, 2Laboratory of Developmental Neurobiology, GIGA-Neurosciences, University of Liège, Belgium, 3Craniofacial and Skeletal Diseases Branch, NIDCR, NIH, DHHS, Bethesda, MD, USA, 4Interdisciplinary Cluster for Applied Genoproteomics (GIGA-R), GIGA-Signal Transduction, Laboratory of Medical Chemistry, University of Liège, Belgium.
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J. Lecomte1, A. Masset1, S. Blacher1L., M. Jost1, L. Maertens1, A. Gothot2, M. Delgaudine2, F. Bruyere, M. Illeman3, Ida K Lund3, Gunilla Høyer-Hansen3, J.-M. Foidart1, Agnès Noël1.
1Laboratory of Tumor and Development Biology, GIGA-Cancer, University of Liège, Tour de Pathologie (B23), Sart Tilman, 4000 Liège.
2Department of Medicine/Hematology, GIGA-Research, CHU Sart-Tilman, 4000 Liège.
3Finsen Laboratory, Rigshospitalet, Copenhagen, Denmark.

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Laboratory of Molecular Oncology and Department of Medical Oncology, Universitair Ziekenhuis Brussel, Vrije Universiteit Brussel, Brussels, Belgium.
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Erik Maquoi1, Delphine Assent, Julien Detilleux, Christel Pequeux, Jean-Michel Foidart, Agnès Noël.
Laboratory of Tumor and Development Biology, Groupe Interdisciplinaire de Génoprotéomique Appliquée (GIGA-Cancer), University of Liège, Tour de Pathologie (B23), Sart-Tilman, B-4000 Liège, Belgium.
24. **ROLE OF YIN YANG 1 TRANSCRIPTION FACTOR IN COLORECTAL TUMORIGENESIS.**
Mardaga Julie, Begon Dominique and Delvenne Philippe
Experimental Pathology Lab (Ulg) Av. de l'hôpital n°3 Bat B23, tour de pathologie +4 4000 Liège
Email : Julie.Mardaga@ulg.ac.be
25. **DOES NEOADJUVANT RADIOTHERAPY MODIFIES TUMOR MICROENVIRONMENT AND PROMOTES TUMOR METASTASIS DURING SURGERY?**
Leroi Natacha1; Boujoug Sarah1; Coucke Philippe2; Noël Agnes1; Martinive Philippe1,2
Laboratory of Tumor & Development Biology (LBTD), University of Liège (ULg), 4000 Liège, Belgium
Radiotherapy Dept., University Hospital of Liège (CHU), University of Liège ULg, 4000 Liège, Belgium
Natacha.Leroi@student.ulg.ac.be
26. **INVOLVEMENT OF PROTEASES IN METASTATIC DISSEMINATION RELATED TO MESENCHYMAL STEM CELL**
Masset A.*, Lecomte J.*, Blacher S., Maertens L., Foidart J-M and Noël A.
Laboratory of Biology Tumor and Developmental, groupe Interdisciplinaire de Génoprotéomique Appliquée (GIGA-Cancer), University of Liège, Tour de Pathologie (B23), B-4000 Sart-Tilman, Belgium
Equally contributed Anne.Masset@student.ulg.ac.be
27. **ROLE OF AUTOPHAGY IN THE HYPOXIA-INDUCED RESISTANCE AGAINST PACLITAXEL-INDUCED APOPTOSIS IN MDA-MB-231 BREAST CANCER CELLS.**
Notte1, L. Flamant1, T. Arnould1, C. Michiels1
1 URBC-NARILIS, University of Namur-FUNDP, 61 rue de Bruxelles, B-5000 Namur, Belgium
E-mail : annick.notte@fundp.ac.be

28. THE RADIOSENSITIZING EFFECT OF DIFLUORODEOXYURIDINE, THE MAIN METABOLITE OF GEMCITABINE, AND THE ROLE OF HIF-1 PROTEIN UNDER ANOXIC CONDITIONS IN BREAST ADENOCARCINOMA CELLS.

Bea Pauwels¹, Filip Lardon¹, Jan B. Vermorken¹, Johan Ides¹, Vanessa Deschoolmeester¹, Greet G.O. Pattyn¹, Hilde A.J. Lambrechts¹, Paul Meijnders², Kaye J. Williams³, Marc Peeters¹, and An Wouters¹

1 Center for Oncological Research (CORE) Antwerp, Laboratory of Cancer Research and Clinical Oncology, University of Antwerp, Wilrijk, Belgium

2 Dept. of Radiotherapy, University Radiotherapy Antwerp (URA), Antwerpen, Belgium

3 School of Pharmacy and Pharmaceutical Sciences, University of Manchester, United Kingdom

Tel: +32 3 265 25 76, Email: bea.pauwels@ua.ac.be

29. REGULATION OF SIGNALING PHOSPHOPROTEINS BY THE GLYCOSYL-PHOSPHATIDYL INOSITOL (GPI)-ANCHORED MMP (MT4-MMP) IN METASTATIC BREAST CARCINOMA CELLS : IMPLICATION OF RB IN THE PROLIFERATING PHENOTYPE OF MT-MMP EXPRESSING TUMORS.

Pave Alexandra, Laurent Host, Nor Eddine Sounni and Agnès Noël

apave@ulg.ac.be

Laboratory of Tumor and Developmental Biology, Groupe Interdisciplinaire de Génoprotéomique Appliquée-Cancer (GIGA-Cancer), University of Liege, B-4000 Liège, Belgium.

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

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.

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

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

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

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

31. HUMAN PAPILLOMAVIRUS VIRUS-LIKE PARTICLES AND NK CELL INTERACTIONS: ROLE OF CD16.

Virginie Renoux¹, Inge Langers¹, Béatrice Clémenceau², Marc Thiry³, Bettina Bisig, Estelle Dortu¹, Anca Reschner¹, Jacques Boniver¹, Philippe Delvenne¹ and Nathalie Jacobs¹.

1 University of Liège, GIGA-I3 Experimental Pathology, Liège, Belgium

2 INSERM U892, Institut de Recherche thérapeutique de l'Université de Nantes, Nantes, France

3 University of Liège, GIGA-Neurosciences Cellular and Tissular Biology, Liège, Belgium

4 Department of Morphology and Pathology, University of Liège, Liège, Belgium,

- 32. PHOTOREACTIVE OLIGONUCLEOTIDES USED IN AN ANTISENSE STRATEGY FOR TREATING SKIN CARCINOMA**
Anca Reschner¹, Sebastian Bontems², Andrée Kirsch-De Mesmaeker³, Jacque Piette⁴, Martine Raes⁵, Philippe Delvenne¹
1 Laboratory of Experimental Pathology, University of Liege, Liege, 4000, Belgium
2 Reference center AIDS, CHU of Liège Liege, 4000, Belgium
3 Organic chemistry and photochemistry, University of Brussels (ULB), Brussels, 1000, Belgium
4 Laboratory of Virology, University of Liege, Liege, 4000, Belgium
5 Research Unit of Cell Biology (URBC), University of Namur (FUNDP), Namur, 5000, Belgium
- 33. COMPARISON OF X-RAY AND ALPHA PARTICLE IRRADIATION EFFECTS ON HUMAN LUNG CARCINOMA A549 CELLS**
H. Riquier¹, A-C. Wéra², A-C Heuskin², O. Feron³, S. Lucas², C. Michiels¹
1 Namur Research Institute for Life Sciences (NARILIS), Unité de Recherche de Biologie Cellulaire (URBC), University of Namur-FUNDP,
2 Namur Research Institute for Life Sciences (NARILIS), Research Centre for the Physics of Matter and Radiation (PMR), University of Namur-FUNDP,
Rue de Bruxelles, 61, B-5000 Namur, Belgium
3 Laboratoire de Pharmacothérapie (FATH) – UCL, 52 Avenue Emmanuel Mounier, 1200 Woluwé-Saint-Lambert.
Corresponding author: helene.riquier@fundp.ac.be
- 34. STUDY ASSESSING THE QUALITY OF SEMIQUANTIFICATION OF ESTROGEN RECEPTOR PROTEIN EXPRESSION BY IMMUNOHISTOCHEMISTRY AND HISTOMORPHOMETRY IN PATIENTS WITH BREAST ADENOCARCINOMA.**
Sas L1, Van Laere SJ1, Van der Auwera I1, Trinh XB1, Peeters D1, van Dam P1, Lardon F2, Pauwels P3, Dierck A4, De Pauw A5, Dirix LY1 and Vermeulen PB1.
1 Translational Cancer Research Group Antwerp (TCRG), Laboratory of pathology GZA Hospitals Sint Augustinus/University of Antwerp, Antwerp, Belgium
2 Department of Medical Oncology, University of Antwerp, Antwerp, Belgium
3 Department of Pathology, University Hospital Antwerp/University of Antwerp, Antwerp, Belgium
4 Laboratory of pathology AZ Klina, Antwerp, Belgium
5 Laboratory of pathology AZ Nikolaas, Antwerp, Belgium
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TRINH XB1, 2, TJALMA WAA2, DIRIX L1, VERMEULEN P1, PEETERS D1, SAS L1, VAN DEN EYNDEN GG1, VAN LAERE SJ1 & VAN DAM PA1
1 Translational Cancer Research Group Antwerp, St Augustinus Hospital, Antwerp, Belgium
2 Department of Gynaecological Oncology, Antwerp University Hospital, Antwerp, Belgium
- 36. EFFECTS OF EGFR INHIBITION WITH TYROSINE KINASE INHIBITORS ON INVASIVE PROPERTIES OF EGFR MUTANT AND WILD TYPE LUNG CANCER CELLS**
Ijeoma Umelo¹, Olivier De Wever², Erik Teugels¹, Marc Bracke², Jacques De Grève¹
1 Laboratory of Molecular Oncology and Department of Medical Oncology, Oncologisch Centrum, Universitair Ziekenhuis Brussel, 2 Laboratory of Experimental Cancer Research and Department of Radiotherapy, Universitair Ziekenhuis Ghent.

- 37. THE CIS/TRANS EFFECT OF THE T790M DRUG RESISTANT MUTATION IN NON-SMALL CELL LUNG CANCER**
Ijeoma Umelo, Gang Chen, Erik Teugels, Jacques De Grève
Laboratory of Molecular Oncology and Department of Medical Oncology, Oncologisch Centrum, Universitair Ziekenhuis Brussel.
- 38. GENE EXPRESSION ANALYSIS OF LIVER METASTASES WITH DIFFERENT GROWTH PATTERNS**
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
1Translational Cancer Research Group Antwerp, GZA Hospitals Augustinus/University of Antwerp, Antwerp, Belgium
2Laboratory of Oncologic and Transplantation Molecular Pathology, "Addarii" Institute of Oncology, Bologna, Italy
3Dept of Oncology, University Hospital Antwerp, Edegem, Belgium
- 39. INTEGRATED GENOME-WIDE MRNA, miRNA AND METHYLATION PROFILING OF INFLAMMATORY BREAST CANCER: AMPLIFIED REGULATORY EFFECTS OF miRNAs ON GENE EXPRESSION IN IBC.**
Steven J Van Laere, Ilse Van der Auwera, Peter van Dam, Luc Dirix, Peter Vermeulen
Translational Cancer Research Group (Oncology Center, General Hospital Sint-Augustinus, Antwerp, Belgium)
- 40. AN INTEGRATED ANALYSIS OF THREE DISTINCT IBC/NON-IBC AFFYMETRIX GENE EXPRESSION DATA SETS TO STUDY THE TRANSCRIPTIONAL HETEROGENEITY BOTH BETWEEN IBC AND NON-IBC AND WITHIN IBC.**
Steven Van Laere^{1,4}, Naoto Ueno^{2,4}, Pascal Finetti^{3,4}, Peter Vermeulen¹, Anthony Lucci², Daniel Brinbaum³, Fredika Robertson², Takayuki Iwamoto², Peter Van Dam¹, Wendy Woodward², Patrice Viens³, Luc Dirix¹, James Reuben², and Francois Bertucci^{3,4}
1Translational Cancer Research Group Antwerp, Oncology Center, General Hospital Sint-Augustinus, Wilrijk, Belgium
2Departments of Breast Medical Oncology and Stem Cell Transplantation, The University of Texas MD Anderson Cancer Center, Houston, Texas, USA
3Département d'Oncologie Moléculaire, Centre de Recherche en Cancérologie de Marseille, UMR891 Inserm, Institut Paoli-Calmettes (IPC), Marseille, France
4Authors contributed equally
- 41. PREDICTIVE SIGNIFICANCE OF CD3+, CD4+, CD8+ AND CD68+ MOLECULAR MARKERS IN THE RESPONSE OF RECTAL CANCER TO PRE-OPERATIVE RADIOTHERAPY**
M. Vermeersch, K. Law, A. Hoorens, V. Verovski, A. Sermeus, H. Jiang, G. Storme, D. Verellen and M. De Ridder,
UZ-Brussel, Vrije Universiteit Brussel, Department of Radiotherapy, Laarbeeklaan 101, B-1090 Brussel. Marieke.Vermeersch@uzbrussel.be

- 42. INFLUENCE OF LOW OXYGEN CONDITIONS ON THE RADIOSENSITIZING EFFECT OF GEMCITABINE, IN HIF-1 WILD TYPE AND HIF-1 DOMINANT NEGATIVE BREAST ADENOCARCINOMA CELLS.**
An Wouters¹, Bea Pauwels, Johan Ides¹, Marc Baay¹, Greet G.O. Pattyn¹, Hilde A.J. Lambrechts¹, Paul Meijnders², Kaye J Williams³, Jan B. Vermorken¹, Marc Peeters¹, and Filip Lardon¹
1 Center for Oncological Research (CORE) Antwerp, Laboratory of Cancer Research and Clinical Oncology, University of Antwerp, Belgium
2 Dept. of Radiotherapy, University Radiotherapy Antwerp (URA), Belgium
3 School of Pharmacy and Pharmaceutical Sciences, University of Manchester, United Kingdom
Tel: +32 3 265 25 76, Email: An.Wouters@ua.ac.be
- 43. MICRORNA AND MRNA EXPRESSION IN AUTONOMOUS THYROID ADENOMA**
S. Floor¹, C. Tresallet², M. Capello³, G. Andry⁴, F. Libert¹, J.E. Dumont¹, W.C. van Staveren¹, C. Maenhaut¹
1Institute of Interdisciplinary Research (IRIBHM), Université Libre de Bruxelles, Route de Lennik 808, 1070 Brussels, Belgium;
2Pitié-Salpêtrière Hospital, Université Pierre et Marie Curie, Paris, France ;
3Hopital Erasme, Université Libre de Bruxelles, Brussels, Belgium ;
4Institut J. Bordet, 121 Bld de Waterloo, 1000 Brussels, Belgium
- 44. DIFFERENCES IN THE EXPRESSION PROFILES OF NORMAL CONTRA-LATERAL TISSUES OF PAPILLARY THYROID CANCER PATIENTS EXPOSED AND NOT EXPOSED TO THE CHERNOBYL FALLOUT.**
G. Dom^{1,*}, M. Tarabichi¹, B. Jarzab², J. Dumont¹, K. Unger³, G. Thomas³, F. Lallemand⁴, V. Detours¹, C. Maenhaut¹
1IRIBHM, UNIVERSITÉ LIBRE DE BRUXELLES, Brussels, Belgium, 2Department of Nuclear Medicine and Endocrine Oncology, Maria Sklodowska-Curie Memorial Cancer Center and Institute of Oncology, Gliwice, Poland, 3Department of Histopathology, Imperial College, London, United Kingdom, 4J. Bordet Institute, ULB, Brussels, Belgium.
- 45. PROTEOMIC ANALYSIS IDENTIFIES PROTEINS DIFFERENTIALLY EXPRESSED IN BREAST CANCER AND ASSOCIATED BONE METASTASIS**
Bruno Dumont, Andrei Turtoi, Yannick Greffe, Ying Hong Wang, Akeila Bellahcène and Vincent Castronovo
Metastasis Research Laboratory, University of Liege, Bat. B23, CHU Sart Tilman, B-4000 Liège, Belgium
- 46. DEVELOPMENT OF TARGETED THERAPIES FOR LIVER METASTASES: IS HETEROGENEITY A MAJOR ISSUE?**
Arnaud Blomme, Bruno Dumont, Andrei Turtoi and Vincent Castronovo
Metastasis Research Laboratory, GIGA Cancer, University of Liege, Bat. B23, CHU Sart Tilman, B-4000 Liège, Belgium
- 47. HISTONE DEACETYLASE 5 IS A REGULATOR OF DNA REPLICATION**
Paul Peixoto¹, Sylvie Hastir¹, Sophie Pirotte¹, Nicolas Matheus¹, Vincent Castronovo¹ and Denis Mottet¹
Metastasis Research Laboratory, Interdisciplinary Cluster for Applied Genoproteomics (GIGA) University of Liège, Belgium. Email: Paul.Peixoto@ulg.ac.be

48. CONTRIBUTION OF OSTEOPONTIN TO THE ACQUISITION AND/OR THE MAINTENANCE OF A STEM CELL PHENOTYPE IN U87-MG HUMAN GLIOBLASTOMA CELLS

Ory Aurélie, Lamour Virginie, Dewald Manuela, Castronovo Vincent and Bellahcène Akeila

Metastasis Research Laboratory, GIGA-Cancer, University of Liège, Belgium