



SCIENTIFIC MEETING ABEC/BVSK 30/01/2010 - LIST OF ORAL PRESENTATIONS

1. **02.00 PM : *IN SILICO* ANALYSIS OF TUMOUR CELL MOTILITY REVEALS A CORE MOTILITY SIGNATURE ASSOCIATED WITH THE INFLAMMATORY BREAST CANCER PHENOTYPE AND ALSO WITH REDUCED DISTANT METASTASIS-FREE SURVIVAL.**
Ridha Limame^{1*}, Ilse Van der Auwera¹, Xuan Bich Trinh¹, Dieter Peeters¹, Leen Sas¹, Peter van Dam¹ Patrick Pauwels², Peter Vermeulen¹, Luc Dirix¹, Steven Van Laere¹
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2. **02.11 PM : THE SECRETORY SMALL GTPASE RAB27B REGULATES INVASIVE TUMOR GROWTH AND METASTASIS THROUGH EXTRACELLULAR HEAT SHOCK PROTEIN 90A**
An Hendrix, Hannelore Denys, Geert Braems, Patrick Pauwels, Rudy Van den Broecke, Veronique Cocquyt, Wendy Westbroek, Marc Bracke, Olivier De Wever
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3. **02.22 PM : DISCOVERY OF THE FIRST SMALL-MOLECULE ALLOSTERIC INHIBITOR OF A TYROSINE KINASE RECEPTOR: INHIBITION OF VEGFR2-INHIBITOR REFRACTORY TUMORS BY A MULTI-FGF RECEPTOR MODULATOR**
Frederik De Smet^{2,3}, Françoise Bono¹, Corentin Herbert¹, Bart Jonckx^{2,3}, Pierre Fons¹, Alan Brown⁵, Alain Badorc¹, Chantal Alcouffe¹, Masahiro Murakami⁴, David Sibrac¹, Frédérique Dol-Gleizes¹, Massimiliano Mazzone^{2,3}, Serena Zacchigna^{2,3}, Jean-Pascal Herault¹, Christian Fischer^{2,3}, Patrice Rigon¹, Carmen Ruiz de Almodovar^{2,3}, Marc Tjwa^{2,3}, Filip Claes^{2,3}, Christof Michiels⁶, Isabelle Blanc¹, Koen Poesen^{2,3}, Sepuru Krishna Mohan⁷, Su-Liang Chen⁸, Inmaculada Segura^{2,3}, Krishna Saxena⁹, Marco Betz⁹, Ulrich Schieberr⁹, Joost Van Durme¹³, Geneviève Gueguen¹, Pierre Savi¹, Jie Zhang⁶, Marie-Françoise Bordes¹, Diether Lambrechts^{2,3}, Roselyne Broussy¹, Annette Dumas¹, Marlies van de Wouwer^{2,3}, Marie-Claude Laplace¹, Corinne Michaux¹, Toru Shimada¹⁰, Isabelle Jean¹, Silvia Blacher¹¹, Bernard Bourrie¹, Agnès Noel¹¹, Patrick Motte¹², Eran Rom¹⁸, Jean-Marie Rakic¹¹, Katsuma Susumu¹⁰, Paul Schaeffer¹, Avner Yayon¹⁸, Ann Van Schepdael⁶, Chin Yu⁷, Frederic Rousseau¹³, Ann Gils¹⁴, Geert Carmeliet¹⁵, Ulrich Wendt¹, Ing-Ming Chiu^{8,16}, Arthur Christopoulos¹⁷, Harald Schwalbe⁹, Tom Blundell⁵, Michael Simons⁴, Joost Schymkowitz¹³, Jean-Marc Herbert¹ and Peter Carmeliet^{2,3}

4. **02.33 PM : AKT/PKB-MEDIATED PHOSPHORYLATION OF ATP CITRATE LYASE DIRECTS CARBONS FROM GLUCOSE TO FATTY ACID SYNTHESIS AND SUPPORTS CELL PROLIFERATION OF PROSTATE CANCER CELLS**
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5. **02.44 PM : MOLECULAR NMR AND EPR IN VIVO DETECTION OF CELL DEATH USING SPECIFIC PHOSPHATIDYLSERINE-TARGETED IRON OXIDE PARTICLES.**
K.A. Radermacher¹, S. Boutry², S. Laurent², L. Vander Elst², I. Mahieu², C. Bouzin³, J. Magat¹, V. Gregoire⁴, O. Feron³, R.N. Muller², B.F. Jordan¹, and B. Gallez¹.
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Center for Molecular Imaging and Experimental Radiotherapy, UCL, Brussels.
6. **02.55 PM : MR CHARACTERIZATION OF THE TUMOR MICROENVIRONMENT AFTER ARSENIC TRIOXIDE TREATMENT: EVIDENCE FOR AN EFFECT ON OXYGEN CONSUMPTION THAT RADIOSENSITIZES SOLID TUMORS**
Caroline Diepart¹, Bénédicte F. Jordan¹, and Bernard Gallez^{1,2}
Laboratory of Biomedical Magnetic Resonance, Université catholique de Louvain, Brussels, Belgium
7. **03.06 PM : EPR study of the effect of Sorafenib on tumor hemodynamics: Potential use as a co-treatment for radiation therapy.**
Oussama Karroum, Vincent Grégoire, Bernard Gallez, and Bénédicte F. Jordan.
Biomedical magnetic resonance Unit, Louvain Drug Research Institute, Laboratory of Molecular Imaging and Experimental Radiotherapy; Université Catholique de Louvain, Brussels, Belgium.
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8. **03.17 PM : FINE TUNING *i*NKT CELL RESPONSES USING ALTERED GLYCOLIPIDS**
Sandrine Aspeslagh^{*1}, Tine Decruy¹, Katrien Van Beneden¹, Dirk Zajonc², Koen Venken¹, Matthias Trappeniers¹, Serge Van Calenbergh¹, Dirk Elewaut¹
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