



**DOCTORATEN ALUMNI BIOMEDISCHE WETENSCHAPPEN
VRIJE UNIVERSITEIT BRUSSEL**

1998

Moerenhout Martine:

"Klinische und molekulare Studien der humoralen Immunantwort gegen A-und-B Histo-Blutgruppen Antikörper."

Promotor: Prof. U.E. Nydegger - Universiteit Bern – Duitsland.

1999

Braet Filip:

"Structure and dynamics of the liver sieve."

Promotor: Prof. E. Wisse – Vrije Universiteit Brussel.

Comhair Suzy:

"Extracellular antioxidant response in oxidant mediated lung diseases: redox regulation of the glutathione system and superoxide dismutase."

Promotor: Dr. S.C. Erzurum - Cleveland Clinic Foundation, Lerner Research Institute – Ohio – USA / Katholieke Universiteit Nijmegen – Nederland.

2000

Chavatte Kris:

"Development and evaluation of new radioactive pseudo-peptides of the neurotensin (8-13)-type for scintigraphy of human neurotensin receptor positive carcinomas."

Promotor: Prof. A. Bossuyt – Academisch Ziekenhuis-VUB.

Prof. J. Mertens – Vrije Universiteit Brussel.

2001

Asosingh Kewal:

"Migration, adhesion and differentiation of malignant plasma cells in the 5T murine model of myeloma."

Promotor: Prof. B. Van Camp – Vrije Universiteit Brussel.

Prof. K. Vanderkerken – Vrije Universiteit Brussel.

Jans Danny:

"Na⁺ Reabsorption and Cl⁻ Secretion Across Cultured Renal Epithelia (A6): Effects Of Hypotonicity and External Cations."

Katholieke Universiteit Leuven - Moleculaire Celbiologie - Labo Fysiologie.

Julliams Ann:

"Tau: a cross-road protein in Alzheimer's disease."

Promotor: Prof. C. Van Broeckhoven – Universiteit Antwerpen.

2002

Rooman Ilse:

"Proliferation and differentiation of adult rat pancreatic exocrine cells."

Promotor: Prof. L. Bouwens – Vrije Universiteit Brussel.

Moens Karen:

"Role of glucagon and glucagon-related peptides in the regulation of insulin release.

Promotor: Prof. F. Schuit - Vrije Universiteit Brussel."

Prof. C. Van Schravendijk – Vrije Universiteit Brussel.

Rombouts Krista:

"Modulation of expression of fibrosis-related genes by pharmacologically induced hyperacetylation of histones."

Promotor: Prof. A. Geerts – Vrije Universiteit Brussel.

Hens Jurgen:

"Functional identification of enteric neurons in the small intestine of large mammals."

Promotor: Prof. J.P. Timmermans – Universiteit Antwerpen.

Leclere Pascal:

"Regulation of cholinergic neurotransmission in the porcine and human gastrointestinal tract."

Promotor: Prof. R.A. Lefebvre – Universiteit Gent

2003

Heremans Yves:

"Modulation of transcription factor expression induces adult human pancreatic exocrine-endocrine transdifferentiation and protects rat beta-cells against cytokine-induced apoptosis."

Promotor: Prof. H. Heimberg, Prof. L. Bouwens – Vrije Universiteit Brussel.

Donners Helen:

"Neutraliserende antilichamen in HIV-geïnfecteerde of HIV-gevaccineerde individuen."

Universiteit Antwerpen – Faculteit Wetenschappen – Biochemie.

Wilczak Nadine:

"Insulin-like growth factor system in human central nervous system, multiple sclerosis and amyotrophic lateral sclerosis."

Promotor: Prof. J. De Keyser – Rijksuniversiteit Groningen – Nederland.

2004

Breckpot Karine:

"Induction of a MAGE-A3 specific cellular immune response by lentivirally transduced dendritic cells."

Promotor: Prof. K. Thielemans – Vrije Universiteit Brussel.

Fikkert Valery:

"Study of HIV-1 resistance against inhibitors of HIV-1 entry or integration."

Promotor: Prof. M. Witvrouw – Katholieke Universiteit Leuven.

Lavreysen Hilde:

"The mGlu1 receptor as target for therapeutic agents investigation of the development of supersensitivity."

Promotor: Prof. Dr. J. Leysen (Scientific Licensing, Johnson & Johnson Pharmaceuticals group Business Development/Vrije Universiteit Amsterdam).

Prof. Dr. F. Tilders – Academisch Medisch Centrum – Amsterdam – Nederland.

Papeleu Peggy:

"Hydroxamate histone deacetylase inhibitors and their effects on cell cycle-related signal transduction in primary rat hepatocytes."

Promotor: Prof. V. Rogiers – Vrije Universiteit Brussel.

2004 (Vervolg)

Van Den Bogaert Kris:

“Genetisch onderzoek naar monogene en complexe vormen van otosclerose.”

Promotor: Prof. G. Van Camp – Universiteit Antwerpen.

Van Herrewege Yven:

“Een in vitro model voor preventie en post-exposure prophylaxis (PEP) van seksuele HIV transmissie.”

Promotor: Prof. G. Vanham – Universiteit Antwerpen.

Verheijen Ilse:

“Pharmacological and physiological distinction between AT1 antagonists.”

Promotor: Prof. G. Vauquelin – Vrije Universiteit Brussel.

2005

Ariën Kevin:

“Relative replicative fitness of diverse human immunodeficiency viruses - implications for the individual and the pandemic.”

Promotor: Prof. G. Vanham – Universiteit Antwerpen.

Bonehill Aude:

“Induction of a CD4+ T cell response against MAGE-A3 by mRNA electroporated dendritic cells: introducing T cell help in cancer immunotherapy.”

Promotor: Prof. K. Thielemans – Vrije Universiteit Brussel.

De Leenheer Evy:

“The role of the RANK ligand/osteoprotegerin system in the development of multiple myeloma.”

Promotor: Prof. P. Croucher – University of Sheffield Medical School – Sheffield – UK.

Prof. K. Vanderkerken – Vrije Universiteit Brussel.

De Schepper Stefanie:

“Study of the function and regulation of histone deacetylase 1.”

Promotor: Departement Biochemie – Univeriteit Antwerpen.

J. Arts, M. Janicot – Johnson & Johnson – Beerse.

2005 (vervolg)

Dullaers Melissa:

"HIV-1 derived Lentiviral Vectors as Vehicles for Cancer Vaccination."

Promotor: Prof. K. Thielemans – Vrije Universiteit Brussel.

Franco David:

"Alternative replication systems for picornaviridae: development and use."

Promotor: Prof. B. Rombaut – VUB.

Prof. E. Wimmer-State University of New York-Stony Brook- USA.

Prof. A. Paul - State University of New York-Stony Brook- USA.

Huypens Peter:

"Glucose sensing in beta cells, a component in the regulation by hormones from the pancreas, gut and adipocytes."

Promotor: Prof. M. Van de Casteele - Vrije Universiteit Brussel.

Copromotor: Prof. D. Pipeleers - Vrije Universiteit Brussel.

Kersemans Veerle:

"Synthesis, in vitro/in vivo evaluation of 2 iodo-L-phenylalanine and its d-isomer as tumour tracers in oncology."

Promotor: Prof. G. Slegers – Universiteit Gent.

Martens Nele:

"Suppressor of Cytokine Signaling 7 : expression pattern, interacting proteins and functional analysis."

Promotor: Prof. E. Peters – Vrije Universiteit Brussel.

Rector Annabel:

"Strategies for detection of novel genetically divergent papillomaviruses and study of the genetic diversity and molecular evolution of the Papillomaviridae."

Promotor: Prof. M. Van Ranst – Katholieke Universiteit Leuven.

Soubry Adelheid:

"Analyse van de transcriptionele repressor Kaiso in humane tumoren en tijdens de celcyclus."

Promotor: Prof. F. Van Roy – Universiteit Gent.

2005 (vervolg)

Stouffs Katrien:

"Genetic aspects of male infertility."

Promotor: Prof. A. Van Steirteghem – Academisch Ziekenhuis-VUB.

Copromotor: Prof. I. Liebaers – W. Lissens – Academisch Ziekenhuis-VUB.

Van den Bogaert Ann:

"Identificatie en karakterisatie van genen voor majeure affectieve aandoeningen en schizofrenie."

Promotor: Prof. C. Van Broeckhoven, Prof. S. Cichon G. Slegers – Universiteit Gent.

Van Valckenborgh Els:

"The role and regulation of matrix metalloproteinases in multiple myeloma."

Promotor: Prof. K. Vanderkerken – Prof. B. Van Camp – Vrije Universiteit Brussel.

Vekemans Katrien:

"On the role of hepatic sinusoidal cells in the early phase of colon carcinoma metastasis."

Promotor: Prof. L. Bouwens – F. Braet – Vrije Universiteit Brussel.

2006

Behets Jonas:

"Study on the occurrence of pathogenic free-living amoebae in cooling water of Belgian power plants."

Promotor: Prof. F. Ollevier – Katholieke Universiteit Leuven.

Derycke Lara:

"The N-cadherin ectodomain: fate and function outside the cancer cell."

Promotor: Prof. M. Bracke – Universiteit Gent.

Devos Sabrina:

"Expression of IL-9 and allergy. Effects of some organic pollutants on the immune response with special concern for allergy."

Promotor: Prof. E.L. Hooghe-Peters - Vrije Universiteit Brussel.

Copromotor: Dr. R. Hooghe – Vrije Universiteit Brussel.

2006 (Vervolg)

Geraerts Martine:

“Optimalisatie van lentivirale vector technologie voor gentransfer in adulte neurale stamcellen.”

Promotor: Prof. Z. Debyser - Katholieke Universiteit Leuven.

Copromotor: Prof. V. Baekelandt – Katholieke Universiteit Leuven.

Goossens Ellen:

“Testicular stem cell transplantation in a mouse model: Reproductive efficiency and safety.”

Promotor: Prof. H. Tournaye – Vrije Universiteit Brussel.

Copromotor: Prof. A. Van Steirteghem – Vrije Universiteit Brussel.

Heirman Ingeborg:

“The tumor cell oxidative study and its interaction with eicosanoid synthesis in the control of tumor growth and malignant progression.”

Promotor: Prof. dr. Johan Grooten – Universiteit Gent.

Janssens Nico:

“Characterization of the Wnt signaling pathway, expression analysis and cross-talk.”

Promotor: Dr. T. Perera (Johnson & Johnson) – Universiteit Antwerpen.

Keyaerts Els:

“Evaluation of antiviral strategies against the severe acute respiratory syndrome coronavirus.”

Promotor: Prof. M. Van Ranst - Katholieke Universiteit Leuven.

Menu Eline:

“Pleiotropic role of chemokines in Multiple Myeloma, study in the 5TMM model.”

Promotor: Prof. K. Vanderkerken - Vrije Universiteit Brussel.

Copromotor: Prof. B. Van Camp – Vrije Universiteit Brussel.

Michiels Annelies:

“Induction of a MART-1/Melan-A specific cellular immune response by mRNA electroporated dendritic cells.”

Promotor: Prof. K. Thielemans – Vrije Universiteit Brussel.

2006 (Vervolg)

Reynaert Niki:

“Redox redulation of inhibitory Kappa B Kinase; oxidants in the pathogenesis of inflammatory lung disease.”

Promotor: Prof. dr. E.F.M. Wouters – Universiteit Maastricht – Nederland.

Copromotor: Dr. Y.M.W. Janssen-Heininger - University of Vermont – USA.

Verheyde Joris:

“Ionizing radiation induced transcriptional changes in the developing mouse brain.”

Promotor: Prof. L. Leyns – Vrije Universiteit Brussel.

Copromotor: Dr. M.A. Benotmane - Dr. L. de Saint Georges – Studiecentrum voor Kernenergie – Mol.

Verheyden Bart:

“Antipicornaviral compounds: Modes of action, use as research tools and as vaccine stabilisers.”

Promotor: Prof. B. Rombaut – Vrije Universiteit Brussel.

2007

Gerits Nancy:

“Transcriptional regulation and functions of the mitogen-activated protein kinase MK5.”

Promotor: Prof. U. Moens - Universitetet i Tromsø – Noorwegen.

Loens Katherine:

“Development and evaluation of an in vitro Nucleic Acid Sequence-Based Amplification (NASBA)[®] system for diagnosis of respiratory tract infections.”

Promotor: Prof. H. Goossens – Universiteit Antwerpen.

Copromotor: Prof. M. Ieven – Universiteit Antwerpen.

Maes Piet:

“Hantaviruses: classification, diagnosis and prevention.”

Promotor: Prof. M. Van Ranst – Katholieke Universiteit Leuven.

Meulemans Ann:

“Mitochondrial disorders: A search for novel mutations and their pathogenic nature.”

Promotor: Prof. L. De Meirleir – Vrije Universiteit Brussel.

Copromotor: S. Seneca, W. Lissens, R. Van Coster – Vrije Universiteit Brussel.

2007 (Vervolg)

Muyllaert David:

"Generation and validation of double transgenic mice as in vivo model for the synergism between amyloid and tau pathology in Alzheimer's Disease."

Promotor: Prof. F. Van Leuven – Katholieke Universiteit Leuven.

Pintelon Isabel:

"Neurochemical characterisation of sensory lung receptors and in situ functional imaging in lung models."

Promotor: Prof. D. Adriaensen – Prof. F. Van Meir – Universiteit Antwerpen.

Terryn Sara:

"A primary culture of proximal tubule cells of the mouse kidney on collagen-coated membranes: characterization, electrophysiological properties and response to stress factors."

Promotor: Onderzoeksgroep Fysiologie – Universiteit Hasselt.

Tielens Severine:

"Cell culture and differentiation of embryonic stem cells for bone tissue engineering."

Promotor: Prof. M. Cornelissen – Universiteit Gent.

Tuyaerts Sandra:

"Development of a dendritic cell vaccine for cancer immunotherapy."

Promotor: Prof. K. Thielemans – Vrije Universiteit Brussel.

Vanschoonbeek Kristof:

"Haemostatic variation in subjects with atherothrombotic risk: modulation by dietary fish oil."

Promotor: Prof. W.H.M. Saris - Prof. C. Kluft - Dr. J.W.M. Heemskerk – Universiteit Maastricht – Nederland.

Van Crombruggen Koen:

"Colonic motility under normal and inflammatory conditions: nitrergic-purinergic control and the role of soluble guanylate cyclase."

Promotor: Prof. R. Lefebvre – Universiteit Gent.

Verheyden Sonja:

"Relevance of Killer Cell Immunoglobulin-like receptor and HLA class I gene polymorphisms in leukemia and allogenic stem cell transplantation outcome."

Promotor: Prof. C. Demanet – Vrije Universiteit Brussel.

2007 (Vervolg)

Willems Erik:

"Embryonic stem cells as an in vitro model of the gastrulating mouse embryo."

Promotor: Prof. L. Leyns – Vrije Universiteit Brussel.

2008

Baeyens Luc:

"Transdifferentiation of rat pancreatic acinar cells to functional beta cells."

Promotor: Prof. L. Bouwens – Vrije Universiteit Brussel.

De Breuck Saskia:

"Extracellular factors involved in migration, proliferation and differentiation in the regenerating pancreas."

Promotor: Prof. L. Bouwens – Vrije Universiteit Brussel.

Decock Julie:

"Clinical relevance of (circulating) proteases in breast cancer: matrix metalloproteinases and cathepsins."

Promotor: Prof. R. Paridaens - Katholieke Universiteit Leuven.

Copromotor : PhD C. Stefan - Katholieke Universiteit Leuven.

Dierickx Karen:

"Contribution to the study of the efficacy and the mechanism of action of the alkylating peptide prolyl-m-sarcosyl-p-fluorophenylalanine (PSF)."

Promotor: Prof. E. Ghanem – Prof. J.M. Kauffmann – Université Libre de Bruxelles.

Driesen Ronald:

"Adaptive remodeling of cardiomyocytes under stress ."

Promotor: Prof.dr. F.C. Ramaekers - Prof.dr. M. Borgers – Universiteit Maastricht.

Copromotor : dr. F.K. Verheyen – Universiteit Maastricht.

Geuns Elke:

"Methylation analysis of imprinted genes in human gametes and preimplantation embryos."

Promotor: Prof. I. Liebaers – Vrije Universiteit Brussel.

Copromotor: M. De Rycke – Vrije Universiteit Brussel.

2008 (Vervolg)

Hallaert Delfine:

“ ‘From the cradle to the grave’ Novel therapeutic approaches to attack the microenvironment in Chronic Lymphocytic Leukemia.”

Promotor: Prof.dr. M.H.J. van Oers – Academisch Medisch Centrum/Universiteit van Amsterdam – Nederland.

Copromotor: dr. E.F. Eldering – Academisch Medisch Centrum/Universiteit van Amsterdam – Nederland.

Matmati Mourad:

“The EGF-TM7 receptors : a diverse and still evolving family of receptors on the leukocyte surface.”

Promotor: Prof.dr. R.A.W. van Lier – Academisch Medisch Centrum – Universiteit Amsterdam – Nederland / Prof.dr. G. Leclercq – Universiteit Gent.

Copromotor: dr. J. Hamann – AMC – Nederland.

Rasschaert Kristien:

“Identification of a novel f4 receptor involved in endocytosis and transcytosis.”

Promotor: Prof. dr. E. Cox – Katholieke Universiteit Leuven.

Copromotor : Prof. dr. B. Goddeeris – Katholieke Universiteit Leuven.

Roggeman Chantal:

“Processing of quantitative information, investigated with fMRI.”

Promotor: Prof. dr. W. Fias – Universiteit Gent.

Copromotor: Prof. dr. T. Verguts – Universiteit Gent.

Van Meirvenne Sonja:

“Optimization of a dendritic cell-based cancer vaccine evaluated in mice.”

Promotor: Prof. K. Thielemans – Vrije Universiteit Brussel.

Vanneste Gwen:

“Role of soluble guanylate cyclase in the effect of NO on gastrointestinal motility in physiological conditions and in postoperative inflammation.”

Promotor: Prof. dr. R. Lefebvre – Universiteit Gent.

Werbrouck Hadewig:

“Differentiatie van Listeria Monocytogenes stammen op basis van virulentie en zuurstressresistentie.”

Promotor: Prof. dr. ir. M. Uyttendaele - Dr. ir. E. Van Coillie – Universiteit Gent.

2009

Cauffman Greet:

"Gene expression and cell commitment in the human preimplantation embryo."

Promotor: Prof. I. Liebaers – Vrije Universiteit Brussel.

Copromotor: Dr. H. Van de Velde - Vrije Universiteit Brussel.

Claes An:

"Anti-angiogenic therapy in orthotopic human glioma models in nude mice. Vessel normalization impairs radiological detection and chemotherapy delivery in high-grade, diffuse gliomas."

Promotor: Prof. dr. P. Wesseling – UMC St Radboud – Nederland.

Copromotor: Dr. J.W. Jeuken, dr. W.P. Leenders – UMC St Radboud – Nederland.

Crabbé Aurélie:

"Novel insights in *Pseudomonas aeruginosa* metabolism and pathogenesis by low fluid-shear culturing."

Promotor: Prof. dr. P. Cornelis - Institute of Molecular Biology and Biotechnology - Vrije Universiteit Brussel.

Copromotor: Dr. ir. R. Van Houdt - Expert Group for Molecular and Cellular Biology - Belgian Nuclear Research Center (SCK.CEN).

Leo Sandra:

"Behavioral assessment in genetically altered mice: A multidimensional test battery for the evaluation of pain targets."

Promotor: Prof. dr. R. D'Hooge, T. Meert – Katholieke Universiteit Leuven.

Marjaux Els:

"Looking for proteins modulating β -secretase activity."

Promotor: Prof. B. De Strooper – Katholieke Universiteit Leuven.

Stragier Pieter:

"Heterogeneity and molecular characteristics of *Mycobacterium ulcerans* and related species."

Promotor: Prof. L. Kestens, Prof. F. Portaels – Universiteit Antwerpen.

Vervaeke Hylke:

"Initiation and continuation: social context and behavioural aspects of ecstasy use."

Promotor: Prof. dr. D.J. Korf – Universiteit van Amsterdam.