

Program at a Glance

March 17, 2010, Aachen, Germany

8:00-9:30 **Registration**

9:30-9:40 Official Opening Prof. Dr.-Ing. Ernst M. Schmachtenberg, Rector RWTH University Aachen, Germany

9:40-10:25 **Opening Session:**

Biomedica and the future cooperation in Belgium, North Rhine-Westphalia and The Netherlands.

Prof. Dr. Bernard Rentier, President of the Biomedica Foundation

Mr. Philippe Busquin, Minister of State, former European Research Commissioner, Belgium.

Dr. Gottfried H.A. Dutiné, Global Head of Markets & Innovation, Royal Philips Electronics, Eindhoven, The Netherlands.

Prof. Dr. Rolf Rossaint, Prorector RWTH University Aachen, Germany.

Dr. Hartmut Thomas, Department of Innovation, Science, Research and Technology NRW, Germany.

Keynote speaker

Disease Specific Diagnostics and Personalized Medicine

10:25-11:10 **Prof. Dr. Michel Goldman**, Executive Director, IMI Innovative Medicines Initiative Europe, Brussels, Belgium.
"Translational Medicine in Europe: Role of the Innovative Medicines Initiative Europe"

11:10-11:30 Coffee Break

	ROOM I	ROOM II	ROOM III
	Disease Specific Diagnostics and Personalized Medicine	Integrated Care Solutions & Services	Business Development and Product Innovation
	Session 1: "Translational medicine: Bringing personalized medicine to the clinic" • Chair: Prof. Dr. Piet Stinissen, Hasselt University, Belgium. • Co-chair: Prof. Dr. Felix Mottaghy, University Hospital, Aachen, Germany.	Session 1: "How to design and maintain multi-party services for extramural care" • Chair: Prof. Dr. Ir. Aarnout Brombacher, Eindhoven University of Technology, The Netherlands. • Co-chair: Dr. Ir. Wim Crooijmans, Philips Healthcare, Best, The Netherlands.	Session 1: "From knowledge valorisation to start-up companies" • Chair: Dr. Nick Guldemond, Maastricht University Medical Center, The Netherlands. • Co-chair: Mrs. Mr. Ria Hein, Brabant Development Agency, Tilburg, The Netherlands.
11:30-12:00	Prof. Koen Norga , Leuven Network for Translational Medicine, KU Leuven, Belgium. "Translational medicine in university hospitals"	Prof. Dr. Luc de Witte , CAPHRI School for Public Health and Primary Care, Maastricht University, The Netherlands. "Innovating long term care with technology; Regional initiatives towards an innovation program"	11:30-11:50 Drs. Jan Hendrik Schretlen , Price Waterhouse Coopers, Den Haag, The Netherlands. "How to boost succesful knowledge valorisation"
12:00-12:30	Dr. Yves Gonnissen , SEPS-Pharma, Tongeren, Belgium. "Drug design (pro-drugs)"	Drs. Jan Ramaekers , Sananet care BV, Sittard, The Netherlands. "E-health and Telemedicine; the driving force behind self management of chronically ill patients"	11:50-12:10 Ir. Dirk van Asseldonk , Dolphys Medical BV, Eindhoven, The Netherlands. "Entrepreneurship – the choices of a university spin-off"
12:30-13:00	Dr. Hendrik Otto , Celonic AG, Jülich/Basel Germany, Switzerland. "Assays for accelerated preclinical analytics"	Dr. Frank van de Scheur , Group leader Philips Applied Technologies. Philips Applied Technologies, Eindhoven, The Netherlands. "Solutions and services for healthcare at home"	12:10-12:30 Mr. Ton Bradshaw , ZINmedical, ZON, The Netherlands. "The health and life science entrepreneur – pitfalls and remedies" 12:30-13:00 Dr. Nick Guldemond , Medical Field Lab, Maastricht, The Netherlands. "The challenge of synergy: Collaboration, innovation and valorisation from the perspective of public-private partnership"

13:00-13:30 Lunch / **Poster jury meeting**

13:30-13:50 **Prof. Dr. Felix Mottaghy**, Director of University Hospital, Aachen, Germany.
"Personalized molecular imaging and therapy in nuclear medicine"

Mr. Jan Jansen, MSc, Project Manager Applications, ICT Department, Jessa Hospital, Hasselt, Belgium.
"Follow up of heart failure by telemonitoring: Experience of a hospital IT department with a multi-party approach"

Mr. Eric Poskin, General Manager Odyssea Pharma, Grâce-Hollogne, Belgium.
"Odyssea-Pharma: The link to business reality"

13:50-14:10 **Discussion Forum with speakers**

Keynote speaker

Integrated Care Solutions & Services

14:15-15:00 **Dr. ir. Wim Crooijmans**, Senior Director of image guided intervention program, Philips Healthcare, Best, The Netherlands.
"From product-related reliability to reliability of services"

15:00-15:30 Coffee Break

	Disease Specific Diagnostics and Personalized Medicine	Integrated Care Solutions & Services	Business Development and Product Innovation
	Session 2: "Regenerative medicine" • Chair: Prof. Dr. Klaas Nicolay, Eindhoven University of Technology, The Netherlands. • Co-chair: Prof. Dr. Piet Stinissen, Hasselt University, Belgium.	Session 2: "The role of technology in care at home/care at a distance" • Chair: Prof. Dr. Ir. Aarnout Brombacher, Eindhoven University of Technology, The Netherlands. • Co-chair: Dr. Ir. Wim Crooijmans, Philips Healthcare, Best, The Netherlands.	Session 2: "Key success factors for start-up companies" • Chair: Dr. Roop Chandwani, Aggio Partners Ltd, Ashford, United Kingdom. • Co-chair: Mr. Lars de Vries, Brainport Development, Eindhoven, The Netherlands.
15:30-16:00	Dr. Anne Reichardt , Laboratory for tissue engineering, German Heart Institute, Berlin, Germany. "Construction of a new bioreactor system combining dynamic cell seeding and in vitro conditioning for tissue engineering of heart valves"	15:30-15:50 Dr. Ir. Ton Weijters , Department of Industrial Engineering & Innovation Sciences, associate professor, Eindhoven University of Technology, The Netherlands. "Process mining as a means to understand the user"	15:30-15:50 Mr. Daniel Green , CEO BioCeramic Therapeutics Ltd, London United Kingdom. "Introduction in key succes factors for start-up companies"
16:00-16:30	Prof. Etienne Sokal , Department of Pediatrics, cliniques St Luc, Université catholique de Louvain / Promethera Biosciences SA, Louvain-La-Neuve, Belgium. "Cell therapy in liver disease"	15:50-16:10 Dr. Ir. Stephan Wensveen , Department of Industrial Design, Eindhoven University of Technology, The Netherlands. "Wearable senses"	15:50-16:10 Mr. Rolf Geisen , Alabon Business Development GmbH, Aachen, Germany. "Operational business plans for biotech companies"
16:30-16:50	Dr. Peter Tomme , Tigenix, Leuven, Belgium. "Development of an advanced therapy medicinal product for cartilage regeneration"	16:10-16:30 Mr. Gregor Klemencic , CEO, Ease of use, Eindhoven, The Netherlands. "Back to family role in home care and medicine by integrated interfaces" 16:30-16:50 Prof. Robert Puers , Department Elektrotechniek (ESAT-MICAS), K.U. Leuven, Belgium. "Textile as a sensor platform for telemonitoring"	16:10-16:30 Dr. Marianne Groeneveld , TNO, Zeist, The Netherlands. "How best to develop a (bio)pharmaceutical product – the usefulness of a Product Development Plan?" 16:30-16:50 Mr. Nico Vandervelpen , Head of Life Science, LRM, Hasselt, Belgium. "How to successfully attract a VC"

16:50-17:20 **Discussion Forum with speakers**

17:20-18:00 Transfer to reception

18:00-22:00 Reception & Dinner

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9:00 Registration			
	ROOM I	ROOM II	ROOM III
	Advanced Developments in (bio)Pharmaceuticals and Nutraceuticals: Epigenetics	Biofunctional Materials, Engineering & Devices	Business Development and Product Innovation
	Session 1: “Epigenetic mechanisms and their disorders” • Chair: Prof. Dr. Frans Ramaekers, Maastricht University, The Netherlands. • Co-chair: Dr. Dominique Poncelet, CEO, Diagenode SA, Liège, Belgium.	Session 1: “Bifunctional coatings for medical and biotechnological devices” • Chair: Prof. M. Möller, RWTH, Aachen, Germany. • Co-chair: Dr. Aylvin Dias, DSM Biomedical, Geleen, The Netherlands.	Session 3: “Innovations in life sciences and medical technology: Troubles and success story of scientific companies” • Chair: Dr. Ute Schelhaas, Agit GmbH, Aachen, Germany. • Co-chair: Ir. Bert de Wit, NV Industriebank LIOF, Maastricht, The Netherlands.
9:30-10:00	Dr. Eric Galia , Alliance Manager, Grünenthal GmbH, Aachen, Germany. “Tamper resistant formulation: An innovative galenic approach by Grünenthal”	Dr. Jens Thies , DSM Research, Geleen, The Netherlands. “Novel highly robust non-fouling surfaces by UV curing technology: A powerful tool in medical device design”	9:30-9:50 Dipl.-Ing. Sebastian Schwandtner , Abiomed Europe GmbH, Aachen, Germany. “Impella, a continuing success story of world leadership in minimal invasive heart support”
10:00-10:20	Prof. Dr. Manon Van Engeland , Department of Pathology, Maastricht University, The Netherlands. “The silence of the genes: Epigenetics biomarkers in oncology”	Prof. Dr. Lothar Elling , Department of Biomaterials, RWTH Aachen, Germany. “The GlycoBiointerface – sugar structures and galectins on biomaterials”	9:50-10:10 Dr. Sander den Hartog , INN-lab, Almelo, The Netherlands. “Product and process development for micro assembly of medical devices”
10:20-10:45	Dr. Nuria Malats , Centro Nacional de Investigaciones Oncologicas (CNIO), Madrid, Spain. “Epigenomics and Epidemiology: A good match”	Dr. Ralf Kemkemer , Max Planck Institute Stuttgart, Germany. “Probing tumor cell migration in 1 and 3D by defined adhesive environments”	10:10-10:30 Dr. Ad van Gorp , Lead Pharma Holding B.V, s-Hertogenbosch, The Netherlands. “Creating business opportunities out of troubles”
10:45-11:00	Dr. Dominique Poncelet , Diagenode SA, Liège, Belgium. “Automating whole-genome DNA methylation analyses: A step toward identifying subtle variation in cancer and other complex disease”	Ir. Mieke Peeters , Baxter, Nivelles, Belgium. “Correct sequential opening of peel seals for the safe administration of two component solutions”	10:30-10:50 Ir. Frits Cornelisse MSc , Vice President Virtual Proteins, Eindhoven, The Netherlands. “Building new businesses from a life science SME’s perspective”
11:00-11:15	Coffee Break		
11:15-11:35	Prof. Dr. Angela Brand , Department of Social Medicine, Maastricht University, The Netherlands. “Epigenomics: The blueprint for public health genomics”	Mr. Jens Hutzenlaub , Mecora Medizintechnik GmbH, Aachen, Germany. “Manufacturing of cardiovascular devices of biocompatible polymers”	11:15-11:35 Dr. Wim Michiels , Materialise NV, Leuven, Belgium. “How to get engineering and medicine married”
11:35-12:00	Discussion Forum with speakers		
	Keynote speaker Biofunctional Materials, Engineering & Devices		
12:00-12:40	Prof. Guo-Qiang Chen , Dept of Biology, School of Life Science, Tsinghua University Beijing, China. “Polyhydroxyalkanoates, a family of biomaterials with great medical prospect”		
12:40-13:30	Lunch / Poster sessions		
	Advanced Developments for (bio) Pharmaceuticals and Nutraceuticals: Epigenetics	Biofunctional Materials, Engineering & Devices	Business Development and Product Innovation
	Session 2: “Epigenetics and nutrition” • Chair: Prof. Michel Georges, Liège University, Belgium. • Co-chair: Dr. Fabien De Meester, DMF, Marche en Famenne, Belgium.	Session 2: “Biohybrid materials for regenerative medicine” • Chair: Prof. Doris Klee, RWTH, Aachen, Germany. • Co-chair: Mrs. Jacqueline de Groot, Orteq Bioengineering, Groningen, The Netherlands.	Session 4: “New business models for patient (home)care: Product access to the market, obstacles in the regions” • Chair: Mr. Ron de Graaff, SOMT, Amsterdam, The Netherlands. • Co-chair: Mrs. Mr. Ria Hein, Brabant Development Agency, Tilburg, The Netherlands.
13:30-13:55	Prof. Mathieu Bollen , Department of molecular cell biology, Leuven University, Belgium. “Epigenetics functions of phosphatase 1 in cancer and long term memory”	13:30-14:00 Mrs. Jacqueline de Groot , Orteq Bioengineering, Groningen, The Netherlands. “Polyurethanes: Next generation biodegradable polymers”	13:30-13:50 Mr. Frank Altmeyer , Kon.m GmbH, Lünen, Germany. “Market entry into the German health care market with a new pricing”
13:55-14:20	Prof. Dr. Walter Wahli , Centre intégratif de génomique, Lausanne University, Switzerland. “Micronutrient-induced genomic responses prevent metabolic syndrome disorders”	14:00-14:30 Dr. Daisy van der Schaft , Department of biomechanics and tissue engineering, Eindhoven University of Technology, The Netherlands. “Optimizing skeletal muscle tissue engineering; role of environmental factors”	13:50-14:10 Mr. Richard Van den Broeck , Unamec, Wommel, Belgium. “How to bring medical devices on the Belgium market”
14:20-14:35	Dr. Gilles Didier-Parisot , CEO, Exicol SA, Biopôle, Epalinges, Switzerland (TBC). Dr. Fabien De Meester, DMF, Marche en Famenne, Belgium. “Columbus/Exichol: Blunting genomic and epigenomic variability”	14:30-15:00 Prof. Dr. Dietmar Huttmacher , Department of Regenerative Medicine, Queensland University of Technology, Australia. “Biomaterials can give cancer research the third dimension”	14:10-14:30 Drs. Lea Seijgraaf Koelenmeijer , Seijgraaf Consultancy BV, Heemstede, The Netherlands. “Is reimbursement an opportunity or a threat?”
14:35-15:00	Prof. Dr. Bas Heijmans , Molecular Epidemiology, Leiden University, The Netherlands. “The Epigenome, archive of the prenatal environment”		14:30-15:00 Mr. Ron de Graaff , Foundation for Entrepreneurs in Medical Technology (SOMT), Amsterdam, The Netherlands. “Advice for the SME on market access in the Euregion: Who’s the winner?”
15:00-15:20	Discussion Forum with speakers		
15:20-15:45	Coffee Break		
	Keynote speaker Advanced Developments for Pharmaceuticals & Nutraceuticals: Epigenetics		
15:45-16:30	Prof. Randy Jirtle , Director of Jirtle laboratory for epigenetics and imprinting, Duke University, Durham, NC, USA. “Epigenetics: Imprinting and disease susceptibility”		
16:30-17:15	Awards and closing ceremony • Poster awards • AKM Prize 2009 for Young Scientists		
17:15-18:00	Reception		