



International Symposium

Signal Transduction and Disease

27.9. - 30.9.2009
RWTH Aachen, Germany



Programme

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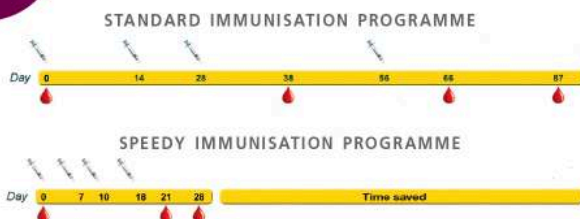


28 DAY IMMUNISATION PROGRAMME
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Organisation

The collaborating Societies

The meeting is organized in a close collaboration between

Belgian Society for Biochemistry and Molecular Biology
(BVBMB/SBBBM) - www.biochemistry.be

German Society for Biochemistry and Molecular Biology (GBM) -
www.gbm-online.de

The Netherlands Society for Biochemistry and Molecular Biology
(NVBMB) - <http://nvbmb.kncv.nl/>



The scientific Committee

Jürgen Bernhagen	University Hospital RWTH Aachen, DE
Hans Bos	Universitair Medisch Centrum Utrecht, NL
Jacques Dumont	Université Libre de Bruxelles, BE
Peter van Haastert	University of Groningen, Haren, NL
Bernhard Lüscher	University Hospital RWTH Aachen, DE
Joseph A. Martial	Université Liège, Sart Tilman, BE
Alfred Wittinghofer	Max Planck Institute of Molecular Physiology, Dortmund, DE

Meeting Secretariat

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Many thanks for the kind support in organization to Gabriele Lützeler (secretary of the local organizers) and to Lena Schmidt (secretary of secretary general of the GBM).

Welcome Address

Liebe Tagungsgäste,

das molekulare Geschehen bei der Signal-Weiterleitung in der Zelle ist ein Forschungsgebiet, das in den zurückliegenden Jahrzehnten in Fachkreisen enorme Bedeutung erlangt hat. Dieses Thema, um das sich bei der Tagung „Signal Transduction and Disease“ alles drehen wird, bietet jedoch nicht nur spannende Erkenntnisse für Grundlagenforscher: Zunehmend werden die zahlreichen medizinischen Implikationen für die mit der demographischen Entwicklung verbundenen gesellschaftlichen Herausforderungen offenbar.



Störungen der biologischen Abläufe in der Signaltransduktion sind an der Entstehung von Krebs, an Fehlsteuerungen der Immunabwehr und an Erkrankungen des Nervensystems beteiligt. In Verbindung mit der „alternden Gesellschaft“ führen diese Entwicklungen zu einem der drängendsten medizinischen Probleme des 21. Jahrhunderts. Mit dem Austausch neuester Forschungsergebnisse aus allen Teilen der Welt leistet die Tagung einen Beitrag zum besseren Verständnis – und hoffentlich auch zur Therapie – dieser Erkrankungen.

Nordrhein-Westfalen bietet ein in besonderer Weise inspirierendes Umfeld für diese Konferenz: In den letzten Jahren wurden hier gezielt modernste Strukturen für die neurowissenschaftliche Forschung und die biologische Alternsforschung aufgebaut, deren Spektrum von den molekularbiologischen Grundlagen bis zur klinischen Erforschung reicht. Durch Verknüpfung der relevanten Disziplinen entstand hier ein international anerkanntes Zentrum der Neuro- und Alternsforschung. Die geballte Kompetenz macht besonders die „Rheinschiene“ zu einem idealen Forschungsstandort und einer der wichtigsten Pharmaregionen in Europa. Beispiele für diese Kompetenz sind das Deutsche Zentrum für Neurodegenerative Erkrankungen, die auf Neuroforschung ausgerichtete Stiftung caesar, das Universitätsklinikum und Life & Brain in Bonn, das Forschungszentrum Jülich, die Max-Planck-Institute für Biologie des Alterns und für Neurologische Forschung sowie der Exzellenzcluster zu altersbezogenen Erkrankungen in Köln.

Hinzu kommt der Reiz der europäischen Wissenschaftsstadt Aachen, die aufgrund ihrer Lage im Dreiländereck ideal geeignet ist, um Wissenschaftler aus Belgien, den Niederlanden und Deutschland in einer gemeinsam organisierten Konferenz zusammenzubringen. Die reizvolle historische Kulisse und der herausragende Ruf der Rheinisch-Westfälischen Technischen Hochschule tun ein Übriges, um auch internationalen Besuchern ein inspirierendes Umfeld zu bieten.

Ich wünsche Ihnen für Ihre Tagung einen anregenden fachlichen Austausch, Gelegenheit zu vielen Kontakten sowie neuen Kooperationen und einen angenehmen Aufenthalt in Aachen. Nicht zuletzt wünsche ich den Jugendlichen beim parallel stattfindenden Schülerkongress zur Neurobiologie spannende Einblicke in die Vielfalt und Faszination der Lebenswissenschaften.

Prof. Dr. Andreas Pinkwart

Minister für Innovation, Wissenschaft, Forschung und Technologie
des Landes Nordrhein-Westfalen

Programme at a glance

Sunday, 27 September

14.45	Meet the Prof (with H. zur Hausen)	(SFo4)
15.00	Start of registration	(Foyer)
16.00	Public Lecture / Öffentlicher Vortrag (in German) (Fo1) H. zur Hausen	
18.00	Opening Session	(Fo1)
	N. Pfanner (President of the GBM) E. Schmachtenberg (Rector of the RWTH Aachen)	
	IUBMB Jubilee Lecture: E. Fischer	
	The EMBO Lecture: Sir P. Cohen	
20.00	Get together	(Super C)



Aachen Cathedral (built 805 AD by Charles the Great, church of coronation for 30 German kings and 12 queens)

Programme at a glance

Monday, 28 September

	Plenary Lectures - Signaling Networks (Fo1)	
09.00	M. Mann	
09.40	P. Bastiaens	
10.20	E. A. Nigg	
11.00	Coffee Break (Foyer)	
	Protein Modifications(Fo2)	Kinase Signaling (Fo4)
11.30	I. Dikic	R. Marais
12.00	F. Melchior	L.H. Pearl
12.30	Meet the Prof (with E. Fischer and P. Cohen) (SFo4)	
12.30	Lunch and Poster Session I	
15.00	Afternoon Parallel Sessions	
	Glycobiology and Cell Signaling I (Fo3)	Cell Communication (Fo4) and Signaling
	K. Drickamer	K. Friedrich
	I. van Die	S. Feller
	Short Talks	S. Wessler
		I. Behrmann
		Short Talks
	Proteomics, Signaling and Disease (Fo2)	Biophysical Aspects of Signaling (Fo5)
	A. de Pauw	K.-P. Hofmann
	G. Mathy	Short Talks
	A. Tassin	C. Eggeling
	Short Talks	Short Talks
17.00	Coffee Break (Foyer)	
17.25	H.G.K. Westenbrink Prize: G. van den Bogaart (Fo1)	
	PhD-Prize of the GBM: G. Grossmann (Fo1)	
18.00	Otto Warburg Lecture (sponsored by QIAGEN): U. Hartl (Fo1)	
19.00	Glycobiology and Cell Signaling II (Fo3)	General Meetings of
	R. Horstkorte	NVBMB (Fo7)
	S. Kelm	GBM Study Group BC (Fo8)
	M. Raffler (Deutsche Forschungsgemeinschaft DFG) (Fo5)	

Programme at a glance

Tuesday, 29 September

	Plenary Lectures - Signaling in Disease [*] (Fo1)	
09.00	L. O'Neill	
09.40	G. Vassart	
10.20	C.-H. Heldin	
11.00	Coffee Break (Foyer)	
	Cell Migration (Fo2)	GPCR Signaling (Fo4)
11.30	E. Sahai	T. Hucho
12.00	R. Palmer	J.-P. Pin
12.30	Lunch and Poster Session II	
12.45	Luncheon Symposium (Fo3) T. Dietschy/Dualsystems Biotech AG	
15.00	Afternoon Parallel Sessions	
	Glycobiology and Cell Signaling III (Fo3)	The atomic View of Signaling (Fo4)
	J. Esko	H. Niemann
	N. Callewaert	Short Talks
	Short Talks	A. Wittinghofer
	Signal Transduction and Drug Discovery (Fo2)	Xenobiotics and Signaling (Fo5)
	T. Berg	M. Schwarz
	J. Rademann	Short Talks
	Short Talks	
17.00	Coffee Break (Foyer)	
17.30	Young Investigator Award (Schering Foundation) (Fo1) A. Ladurner	
18.00	Fritz Lipmann Lecture (Fo1) T. Pawson	
20.00	Social Event (Krönungssaal)	

Programme at a glance

Wednesday, 30 September

	Plenary Lectures - Stem Cells and Growth Control (Fo1)	
09.00	H. Clevers	
09.40	M. N. Hall	
10.20	J. L. Bos	
11.00	Coffee Break (Foyer)	
	Receptor Signaling (Fo2)	Cell Cycle/Cell Death(Fo4)
11.30	P. ten Dijke	P. Vandenabeele
12.00	S. Bulfone-Paus	R. H. Medema
12.30	Presentation Poster Awards & Closing Remarks (Fo1)	
13.00	End of Conference	



Main building of the RWTH Aachen

Programme Details

Sunday, 27 September

14.45	Meet the Prof (12.00 - 13.30, Chair: F. Dingler) with Harald zur Hausen
15.00	Start of registration (Foyer)
16.00	Public Lecture / Öffentlicher Vortrag (in German) (Fo1) (Chair: N. Pfanner - President of the GBM, J. Noth - Dean of the medical Fakultät/RWTH) Harald zur Hausen, Heidelberg (Fo1) <i>Krebsentstehung durch Infektionen</i>
18.00	Opening Session (Fo1) Nikolaus Pfanner (President of the GBM) Ernst Schmachtenberg (Rector of the RWTH Aachen) IUBMB Jubilee Lecture (Fo1) (Chair: W.J.H. van Berkel - President of the NVBMB) Edmond Henri Fischer, Seattle <i>Phosphorylase and the origin of reversible protein phosphorylation</i> The EMBO Lecture (Fo1) (Chair: L. Wyns - President of the BVBMB/SBBBM) Sir Philip Cohen, Dundee <i>The interplay between protein phosphorylation and protein ubiquitination in regulating the innate immune system</i>
20.00	Get together (Super C)



The Super C building of the RWTH Aachen
Here the Get Together will take place on Sunday evening.

Programme Details

Monday, 28 September

	Plenary Lectures - Signaling Networks (Fo1) (9.00 - 11.00, Chair: J. Vandekerckhove)
09.00	Matthias Mann, Martinsried <i>Global proteomic analysis of signaling pathways in health and disease</i>
09.40	Philippe Bastiaens, Dortmund <i>In vivo analysis of signaling networks</i>
10.20	Erich A. Nigg, Martinsried <i>Cell cycle control of genome integrity: Focus on mitosis and the centrosome cycle</i>
11.00	Coffee Break (Foyer)
	Morning Parallel Session (11.30 - 12.30)■
	Protein Modifications (Chair: N.N.) (Fo2)
11.30	Ivan Dikic, Frankfurt <i>Targeting Ubiquitin signaling networks</i>
12.00	Frauke Melchior, Heidelberg <i>Wrestling with SUMO</i>
	Kinase Signaling (Chair: L. Schmitt) (Fo4)
11.30	Richard Marais, London <i>The biology of BRAF in cell signaling and human cancer</i>
12.00	Laurence H. Pearl, London <i>Activation of protein kinases by the Hsp90 molecular chaperone system</i>
	Meet the Prof (12.30 - 14.00, Chair: F. Dingler)
12.30	with Edmond Fischer and Sir Philip Cohen
12.30	Lunch and Poster Session I (12.30 - 15.00)
	Afternoon Parallel Session (15.00 - 17.00)■
	Glycobiology and Cell Signaling I (Fo3) (Chair: F.G. Hanisch)
15.00	Kurt Drickamer, London <i>Characterisation of novel glycan-binding receptors and their interactions with intracellular signaling pathways</i>
15.35	Irma van Die, Amsterdam <i>Glycolipids of Schistosoma mansoni differentially modulate dendritic cell function</i>
16.10	Birgit Weinhold, Hannover <i>Disturbance of CMP-Sia homeostasis results in renal failure</i>

Programme Details

Monday, 28 September

16.25	Inna Lavrik, Heidelberg <i>The role of CD95/APO-1/Fas glycosylation in the sensitivity and resistance of cells towards death receptor-induced apoptosis</i>
16.40	Philipp Ottis, Köln <i>Approaches to the identification of regulatory determinants in glycoproteins controlling the LacdiNAc-modification of O-linked glycans</i>
	Cell Communication and Signaling (Fo4) (Chair: K. Friedrich, I. Behrmann)
15.00	Karlheinz Friedrich, Jena <i>STAT3 as a mediator of malignancy in solid tumors</i>
15.20	Stephan Feller, Oxford <i>Structural analysis of multi-protein signaling complexes - the divide and conquer approach</i>
15.40	Silja Wessler, Langen <i>Cellular migration and invasion - Signal transduction pathways induced by Helicobacter pylori</i>
16.00	Iris Behrmann, Luxembourg <i>Jaks, STATs, and their target genes in health and disease</i>
16.20	Juanita Vernooy, Brunssum <i>ERK1/2 activation mediates leptin-induced CXC chemokine production in human airway epithelial cells</i>
16.30	Jea-Hyun Baek, Aachen <i>Scatter factor receptor/c-met signaling in dendritic cells plays an essential role in contact hypersensitivity responses</i>
16.40	Helen Morrison, Jena <i>Regulation of son of sevenless (SOS) by ezrin-actin</i>
16.50	Margarete Goppelt-Struebe, Erlangen <i>Migration of human tubular epithelial cells on different extracellular matrices: modulation by rho-kinase inhibitors</i>
	Proteomics, Signaling and Disease (Fo2) (Chair: M. Raes, R. Wattiez)
15.00	Aurelia de Pauw, Namur <i>Qualitative and quantitative analysis of mitochondrial population in 3T3-L1 adipocytes responding to a mild mitochondrial uncoupling : a mitoproteomic approach</i>
15.25	Grégory Mathy, Liège <i>Proteomic characterization of a Chlamydomonas reinhardtii mutant lacking the mitochondrial alternative oxidase</i>

Programme Details

Monday, 28 September

15.50	Alexandra Tassin, Mons <i>Investigations on the molecular mechanism of a muscular dystrophy (FSHD) by proteomic and metabonomic analyses of primary myoblast cultures</i>
16.15	Stefanie Margraf-Schönfeld, Heidelberg <i>Investigation of membrane microdomains surrounding natural killer cell receptors</i>
16.30	Sebastian Franken, Bonn <i>Mass spectrometry of a growth factor</i>
16.45	Pascale Jackers, Liège <i>Quantitative dynamic proteome biology of anterior mice hippocampus</i>
	Biophysical Aspects of Signaling (Fo5) (Chair: C. Seidel)
15.00	Klaus-Peter Hofmann, Berlin <i>Signal transfer from receptor to G protein: Insights from spectroscopic and structural studies on rhodopsin</i>
15.30	Michael Vogt, Aachen <i>The role of the N-terminal domain in dimerization and nucleocytoplasmic shuttling of latent STAT3</i>
15.45	Sandra Ritz, Mainz <i>Cell free expression of G-protein coupled receptors</i>
16.00	Christian Eggeling, Göttingen <i>Far-field fluorescence STED microscopy reveals details of nanoscale membrane dynamics</i>
16.30	Paul Rothwell, Düsseldorf <i>Single-molecule FRET reveals dNTP-dependent conformational transitions in the fingers subdomain of KlenTaq1</i>
16.45	Michael Spoerner, Regensburg <i>Identification and stabilization of an excited conformational state of Ras</i>
17.00	Coffee Break (Foyer)
17.25	H.G.K. Westenbrink Prize (Chair: K. Wirtz) (Fo1) Geert van den Bogaart <i>Fluorescence spectroscopy to study membrane transport, leakage and fusion</i>
17.45	PhD Prize of the GBM (Chair: I. Sinning) (Fo1) Guido Grossmann, Stanford <i>Plasma membrane compartmentation in <i>Saccharomyces cerevisiae</i></i>

Programme Details

Monday, 28 September

18.00	Otto Warburg Lecture (Chair: N. Pfanner) (Fo1)
	F. Ulrich Hartl, Martinsried <i>Chaperone-assisted protein folding in health and disease</i>
	Evening Session (19.00 - 21.00)
	Glycobiology and Cell Signaling II (Fo3) (Chair: F.-G. Hanisch)
19.00	Rüdiger Horstkorte, Halle <i>Sialic acid (biosynthesis) is involved in gene expression, proliferation and cell differentiation</i>
19.35	Sörge Kelm, Bremen <i>Siglegs</i>
19.00	Nikolai Raffler (Deutsche Forschungsgemeinschaft) (Fo5) <i>Funding opportunities for young scientists</i>
19.00	Business Meeting of the GBM Studygroup (Fo8) "Biophysical Chemistry" with following Dinner
19.00	Annual General Meeting of the NVBMB (Fo7)

Tuesday, 29 September

	Plenary Lectures - Signaling in Disease (Fo1) (9.00 - 11.00, Chair: J. Dumont)
09.00	Luke O'Neill, Dublin <i>Toll-like receptor signal transduction in immunity and inflammation</i>
09.40	Gilbert Vassart, Bruxelles <i>Constitutive activity of wild type GPCRs: role in physiology, evolution and diseases</i>
10.20	Carl-Henrik Heldin, Uppsala <i>Signaling via receptors for PDGF and TGF-β - possible targets in tumor treatment</i>
11.00	Coffee Break (Foyer)
	Morning Parallel Session (11.30 - 12.30)
	Cell Migration (Chair: R. Heumann) (Fo2)
11.30	Erik Sahai, London <i>Cancer cell invasion in complex environments</i>
12.00	Ruth Palmer, Umea <i>Signaling via Anaplastic Lymphoma Kinase in Drosophila</i>

Programme Details

Tuesday, 29 September

	GPCR Signaling (Chair: A. Beck-Sickinger)	(Fo4)
11.30	Tim Hucho, Berlin <i>Stimulus context reverses pain sensitization</i>	
12.00	Jean-Philippe Pin, Montpellier <i>Metabotropic Glutamate Receptors: complex allosteric machines for new drugs</i>	
12.30	Lunch and Poster Session II (12.30 - 15.00)	
12.45	Luncheon Symposium	(Fo3)
	Tobias Dietschy/Dualsystems Biotech AG, Switzerland <i>The versatile membrane-based yeast two-hybrid technology- find novel interacting partners for any type of trans membrane protein</i>	
	Afternoon Parallel Session (15.00 - 17.00)	
	Glycobiology and Cell Signaling III	(Fo3)
	(Chair: F.G. Hanisch)	
15.00	Jeffrey Esko, San Diego <i>Syndecan-1, the primary hepatic proteoglycan receptor for triglyceride-rich lipoprotein</i>	
15.35	Nico Callewaert, Gent <i>Lipids and sugars in Mycobacterium host-pathogen interaction</i>	
16.10	Sabine Tillmann, Aachen <i>Role of proteoglycans in endothelial deposition of MIF</i>	
16.25	Stefanie Margraf-Schönfeld, Heidelberg <i>Glycosylation pattern of the activating human NK cell receptor 2B4 (Cd244)</i>	
16.40	Juliane Pollscheit, Halle <i>The role of phosphorylation of the neural cell adhesion molecule (NCAM) during neurite outgrowth</i>	
	The atomic View of Signaling	(Fo4)
	(Chair: C. Kisker, D. Heinz)	
15.00	Hartmut Niemann, Bielefeld <i>Host receptor tyrosine kinase activation by the Listeria protein InlB</i>	
15.30	Michael Lammers, Cambridge <i>The role of post-translational acetylation on Cyclophilin A function</i>	
15.45	Sonja A. Dames, Basel <i>Structural basis for the membrane-association of the redox-sensitive TOR FATC domain</i>	

Programme Details

Tuesday, 29 September

16.00	Guenther Fritz, Konstanz <i>Structural basis of RAGE-S100B interaction</i>
16.15	Nancy E. Caceres, Bruxelles <i>Identification of a precisely configured dimeric interface for the active G-CSF-R: Receptor tetramerization does not induce differentiation</i>
16.30	Alfred Wittinghofer, Dortmund <i>G proteins activated by dimerization</i>
	Signal Transduction and Drug Discovery (Fo2) (Chair: K. Friedrich, R. Frank)
15.00	Introduction
15.05	Thorsten Berg, Leipzig <i>Targeting JAK/STAT signaling pathways and polo-like kinases by small-molecule inhibitors of protein-protein interactions</i>
15.35	Jörg Rademann, Berlin <i>Development and biological effects of specific inhibitors of Shp-2 protein tyrosine phosphatase</i>
16.05	Roland Stauber, Mainz <i>Targeting signal transduction cascades in disease by novel small molecule nucleo-cytoplasmic transport inhibitors</i>
16.15	Jan Eickhoff, Dortmund <i>Inhibitors of Cyclin Dependent Kinase 9</i>
16.25	Tanja Henzler, Darmstadt <i>EGFR phosphorylation: Simultaneous detection of eight phosphorylation sites upon inhibitor treatment</i>
16.35	Manfred Konrad, Göttingen <i>Molecular design and targeted cellular delivery of engineered human deoxycytidine kinase to enhance metabolic activation of nucleoside analog prodrugs and improve anticancer therapy</i>
16.45	Tobias Recker, Aachen <i>Directed immobilization of fluorescently labelled cytokines for the analysis of their signal transduction by confocal microscopy</i>
	Xenobiotics and Signaling (Fo5) (Chair: K. Giehl)
15.00	Michael Schwarz, Tübingen <i>Role of Wnt/β-catenin signaling for expression and inducibility of drug-metabolizing enzymes in liver</i>

Programme Details

Tuesday, 29 September

15.30	Andre Menke, Ulm <i>Pharmacological modulation of TGFβ1 signaling identifies pathways involved in N-cadherin upregulation in vascular smooth muscle cells</i>
15.45	Tobias Dansen, Utrecht <i>Redox-sensitive cysteines bridge p300/CBP-mediated acetylation and FoxO4 activity</i>
16.00	Sandra Halwachs, Leipzig <i>Distinct regulation of the reduced folate carrier transport activity by xenobiotics via nuclear receptor signaling pathways</i>
16.15	Guido Posern, Martinsried <i>Negative regulation of the EGFR-MAPK cascade by actin-MAL mediated Mig6/Errfi-1 induction</i>
16.30	Klaus Unfried, Düsseldorf <i>Nanoparticle-induced cell signaling events as targets for a strategy of molecular prevention</i>
16.45	Hajo Haase, Aachen <i>Monocyte activation by Toll-like receptor 4 depends on zinc signals</i>
17.00	Coffee Break (Foyer)
17.25	Young Investigator Award of the Schering Foundation (Chair: I. Sinning) (Fo1) Andreas Ladurner, Heidelberg <i>Chromatin dynamics induced by cellular NAD metabolite signaling</i>
18.00	Fritz Lipmann Lecture (Chair: N. Pfanner) (Fo1) Tony Pawson, Toronto <i>SH2 domains, tyrosine kinases and bidirectional signaling networks</i>
20.00	Social Event (Krönungssaal) J. Linden (Mayor of Aachen) - Welcome Address

Wednesday, 30 September

09.00	Plenary Lectures - Stem Cells and Growth Control (Fo1) (9.00 - 11.00, Chair: B. Lüscher) Hans Clevers, Utrecht <i>Wnt, Lgr5 stem cells and colon cancer</i>
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Programme Details

Wednesday, 30 September

09.40	Michael N. Hall, Basel <i>TOR signaling and control of cell and animal growth</i>
10.20	Johannes L. Bos, Utrecht <i>The Rap1 signaling network in cell adhesion: Spatial and temporal control by guanine nucleotide exchange factors</i>
11.00	Coffee Break (Foyer)
Morning Parallel Session (11.30 - 12.30)■	
	Receptor Signaling (Chair: J. Bernhagen) (Fo2)
11.30	Peter ten Dijke, Leiden <i>TGF-β receptor signal transduction in angiogenesis</i>
12.00	Silvia Bulfone-Paus, Borstel <i>The IL-15/IL-15R signaling pathway</i>
	Cell Cycle and Cell Death (Chair: N.N.) (Fo4)
11.30	Peter Vandenabeele, Ghent <i>Molecular mechanisms of necrotic cell death</i>
12.00	René H. Medema, Utrecht <i>Checkpoint recovery and cancer</i>
12.30	Presentation Poster Awards & closing Remarks (Fo1) (Chair: A. Wittinghofer)
13.00	End of Conference



Sanctuary of the Aachen Cathedral

Fringe Programme

Meet The Prof

Students of the three organizing societies have made arrangements to offer you the opportunity to meet three of the Aachen conference's most distinguished speakers in an informal atmosphere to discuss and ask questions.

We have invited Philip Cohen, Edmond Fischer and Harald zur Hausen, who have all agreed to face your questions and share their wisdom, insight and perspective.

Meet the Prof with

Prof. Harald zur Hausen:

Sunday, 27 Sept., 14.45

Lecture Room SFo4

Profs. Philip Cohen and Edmond Fischer:

Monday, 28 Sept., 12:30

Lecture Room SFo4

As the number of places is limited, registration for this event is mandatory.

A little lunch with sandwiches will be prepared.

GBM student's association
(Felix Dingler)

Luncheon Symposium

The Dualsystems Biotech AG invites you to the Luncheon Symposium

Tobias Dietschy/Dualsystems Biotech AG, Switzerland

"The versatile membrane-based yeast two-hybrid technology- find novel interacting partners for any type of trans membrane protein"

Tuesday, 29 Sept., 12.45 - 13.30

Lecture Hall Fo3

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Social Programme

Welcome Reception

Sunday, 27 Sept., 20.00

Super C Building

The organizers welcome all participants to the conference at the Super C Building.

Drinks and snacks will be served by invitation of the organizers.

Social Event

Tuesday, 29 Sept., 20.00

Coronation Hall (Krönungssaal) City Hall

If you like to meet other attendees or the scientific organizers apart from the conference itself, we would recommend visiting our “Social Event” in the evening of Thursday. Enjoy a buffet and drinks in an informal atmosphere under the roof of the old city hall.

Charge: 10 € for students, 20 € for all other participants (on-site 25 €)

A booking is required until 20 September

(http://sigtrans-aachen.org/index.php?section=social_event).

With kind support by Grünenthal GbmH and Carolus Therapeutics, Inc.



Aachen City Hall/The coronation hall is on the first floor of the building. Inside you can find frescoes which show legendary scenes from the life of Charles the Great as well as Charlemagne's signature.

Poster Exhibition

Specifications

Posters should be presented throughout the whole meeting.
There will be poster discussion sessions as follows:

Monday, 28 Sept., 12.30 - 15.00

Tuesday, 29 Sept., 12.30 - 15:00

During this time the presenting authors are requested to stay near their posters.

The posters should be presented in portrait format 118.8 x 84 cm (height x width, DIN AO).

Please see the abstract book for poster numbers and authors.

The poster contributions are grouped together in correspondence with the symposia:

Biophysical Aspects of Signal Transduction (B)

Cell Communication and Signaling (C)

Glycobiology and Signaling (G)

Proteomics, Signaling and Disease (P)

Signaling in Disease (D)

Signaling Networks (N)

Signal Transduction and Drug Discovery (T)

Stem Cells and Growth Control (S)

The atomic View of Signaling (A)

Xenobiotics and Signaling (X)

Other free Topics (O)

Poster Prizes

Poster Prizes will be awarded to the best posters according to the suggestion of members of the Scientific Board. Please be prepared to answer questions by members of the poster prize selection committee.

The poster prize will be awarded before the closing remarks, Wednesday, 30 Sept., 12:30, Hall Fo1.

All poster authors are requested to attend the session.

Citation of Abstracts

All meeting abstracts are published online indexed using the Digital Object Identifier (DOI, see www.doi.org for more details). People can find the abstract e.g. searching the crossref.org database which links to the full abstract.

General Information

Accommodation

Rooms have been reserved by the "Aachen Tourist Service" in different categories. Please find support, a reservation form and the youth hostel contact at our meeting homepage www.sigtrans-aachen.org.

Coffee Breaks

Coffee, tea and mineral water will be provided for free during the coffee breaks.

Conference Office

The conference office will be located in the foyer of the Kármán Auditorium opposite the entry.

Opening hours:

27 Sept. 2009	05.00 p.m. - 08.00 p.m.
28 Sept. 2009	08.30 a.m. - 05.00 p.m.
29 Sept. 2009	08.30 a.m. - 05.00 p.m.
30 Sept. 2009	08.30 a.m. - 01.00 p.m.

Numbers of the conference office (during the opening hours):

Tel. +49 241 8090927

Fax +49 241 8090926

Conference Material

The conference material includes:

Name badge/ticket
Programme
Abstract book
Receipt of the registration fee
Ticket for the social event (if registered)

We kindly ask to wear your name badge as an entry ticket during the whole meeting.

Lunch

Lunch is available at your own expense in the foyer (sandwiches) or in the canteens/café (see city map).

General Information

Information for Lecturers

For your presentation we will provide a laptop (Windows, Power Point) a data projector and a data presenter (laser pointer with laptop remote control)

Registration Fees

Registration fees on-site:

Members* Industry	355,- €
Non-Members Industry	430,- €
Members* Academia	225,- €
Non-Members Academia	300,- €
Student Members*	50,- €
Student Non-Members	75,- €

* Members of the Biochemical Societies of Belgium, Germany or The Netherlands.

The registration fee includes coffee/tea/mineral water and fruit during the conference breaks.

If fees are paid after September 15, we kindly ask participants to show proof of payment when receiving their badges and conference material at the registration desk.

Deadlines

1 Aug. 2009	Poster Abstracts
15 Aug. 2009	Early registration
13 Sept. 2009	Online registration

An on-site registration is possible at the registration desk in Aachen.

Internet Connection/WLAN

Email and internet connections will be provided during the conference. There are a few computers with internet connection nearby the registration desk and WLAN access points in the Kármán Auditorium. Please ask at the registration desk for getting access information.

General Information

Conference Venue

The lectures, industrial and poster exhibition will take place in the

Kármán Auditorium
Eilfschornsteinstr. 15
52062 Aachen/Germany

The Kármán Auditorium is a complex of lecture halls at the centre of RWTH University. There are a cafeteria, seminar rooms and a lounge area beside 8 lecture halls.

The auditorium was named in honour of Theodore von Kármán, a hungarian engineer, who was heading the Aeronautical Institute at RWTH Aachen (1912-1915 and 1918-1934).



Travel Information

By plane:

Aachen is located near the Airport Maastricht-Aachen (NL, 41 km), Airport Lüttich (BE, 60 km), Airport Cologne/Bonn (85 km) and Airport Dusseldorf (90 km).

By train:

Aachen is linked to the international railway network. Every two hours, the high-speed train THALYS operates via Aachen between Paris and Cologne. Besides ICE trains run from Frankfurt to Brussels via Aachen. There are direct connections to the cities of Cologne, Düsseldorf, Dortmund, Siegen, Frankfurt/Main and Hamm. An hourly connection to Heerlen links Aachen to the Dutch railway system.

By car:

Aachen is conveniently located with regard to transport facilities in the direction of Brussels, Paris and Antwerp:

E 314 Antwerp-Hasselt-Heerlen-Aachen
E 40 (London)-Brussels-Liege-Aachen
A 4 Olpe-Cologne-Aachen
A 44/A46 Dusseldorf-Neuss-Aachen

Local buses:

The Conference is connected to the bus line 13 (station 'Karman Auditorium') which also stops at the Aachen train main station.

Parking:

Parking near the Kármán Auditorium is limited. We therefore advise to use the car park of the RWTH in the Professor-Pirlet-Straße (free of charge, see city map)

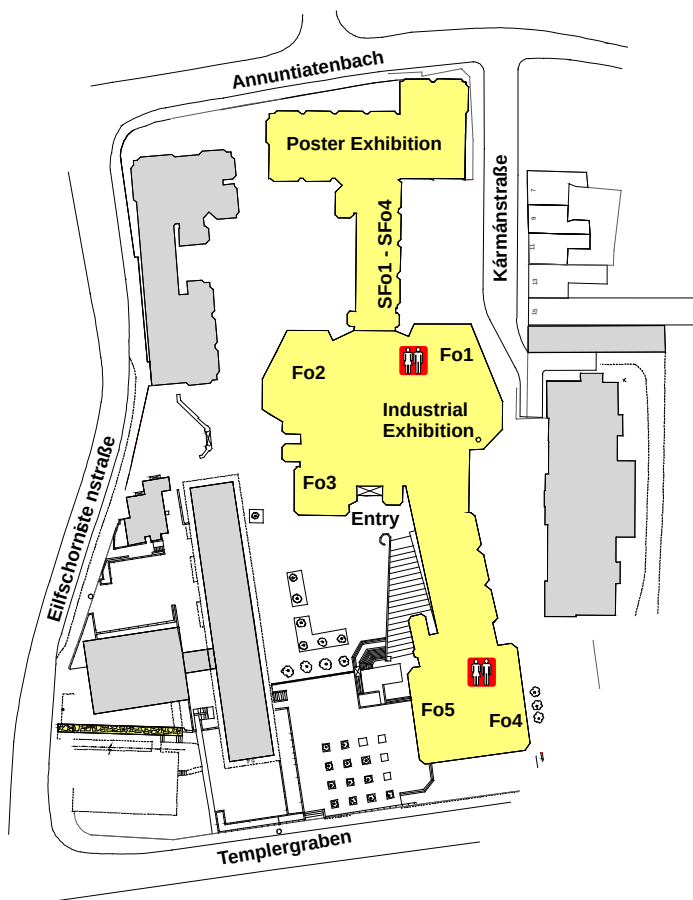
List of Exhibitors/Sponsors	Booth
advanced biolab service GmbH	D1
AppliChem GmbH	B2
Bio line GmbH	B3
BIOMOL GmbH	A7
BIOZOL Diagnostica Vertrieb GmbH	B11
bj diagnostik GmbH	D1
CHROMAPHOR Analysen-Technik GmbH	A8
Cisbio Bioassays	C3
deGruyter GmbH & Co.KG	A6
Deutsche Forschungsgemeinschaft (DFG)	B9
Dualsystems Biotech AG	B11
Enzo Life Sciences GmbH	C2
Eppendorf AG	B4
EUROGENTEC	A2
Iris Biotech GmbH cfm Oskar Tropitzsch e.K.	B8
LI-COR Biosciences	D2
Merck Biosciences GmbH	B5
New England Biolabs GmbH	A4
Olink Bioscience	C4
Perkin Elmer LAS	A1
PromoCell GmbH	C1
QIAGEN GmbH	B7
R+D Systems GmbH	B1
SERVA Electrophoresis GmbH	B6
Sirius Fine Chemicals SiChem GmbH	



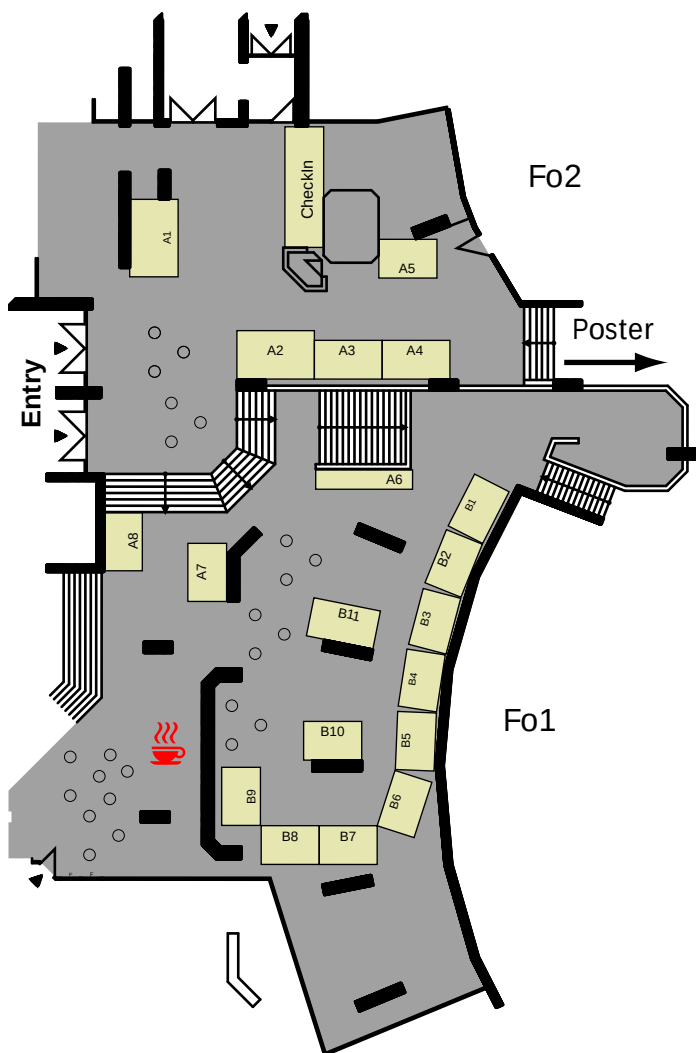
Spektrum Akademischer Verlag GmbH	A 3
THERMO SCIENTIFIC	B 10
Zeptosens - a Division of Bayer (Schweiz) AG	C 7

Please visit the booths of our exhibitors. The industrial exhibition opens throughout the whole meeting. See the maps of the Kármán-Auditorium.

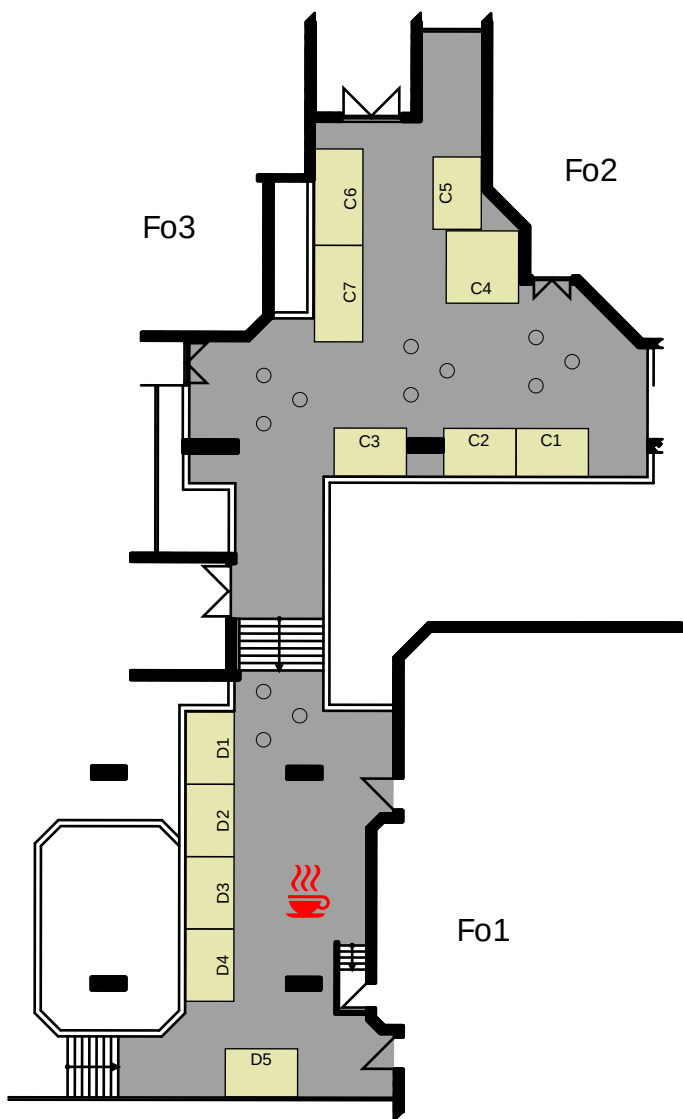
Kármán Auditorium - Bird's Eye View



Kármán Auditorium - Ground Floor



Kármán Auditorium - Upper Floor



City Map of Aachen



Mensa



Car Park

Acknowledgement

We thank for the kind support by



Cancer IGENOMICS CENTRE
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Forschungsgemeinschaft

DFG

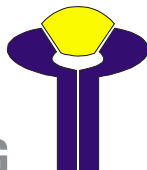


GRÜNENTHAL



Netherlands Genomics Initiative

**SCHERING
STIFTUNG**

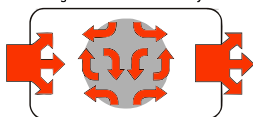


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Notes

