



**XXXIII. Jahrestagung  
der  
Arbeitsgemeinschaft  
Dermatologische Forschung**

in Zusammenarbeit mit der  
Deutschen Dermatologischen Gesellschaft

Eurogress Aachen  
Monheimsallee 48  
D-52062 Aachen

23.– 25. März 2006  
Aachen

Donnerstag, 23. März 2006	Freitag, 24. März 2006	Samstag, 25. März 2006
	8:30 – 9:30 <b>Vorträge II (8-13)</b> M. Berneburg, J. Gille	8:30 – 9:30 <b>Vorträge V (27-32)</b> T. Tüting, K. Asadullah
	9:30-10:30 <b>Posterwalks und Pause</b>	09:30 – 09:50 <b>Quo vadis-Vortrag III</b> C. Zouboulis <i>„Wundertüte“ Talgdrüse</i>
	10:30 – 11:00 J. Knop <b>Günter Goerz Vorlesung</b> <i>Wenn ich nochmal jung wäre...</i>	9:50 – 10:45 <b>Postersession (gerade), Snacks</b> 10:45- 11:40 <b>Postersession (ungerade), Snacks</b>
	11:00 – 12:10 <b>Vorträge III (14-20)</b> W.H. Boehncke, E. von Stebut	11:40 – 12:00 <b>Quo vadis-Vortrag IV</b> G. Stingl <i>Die Langerhans-Zelle – Feind oder Freund ?</i>
14:00 – 14:10 <b>Begrüßung</b> R. Paus, H. Merk	12:10 – 13:10 <b>Postersession (gerade), Snacks</b> 13:10- 14:10 <b>Postersession (ungerade), Snacks</b>	12:00 – 12:40 <b>Vorträge VI (33-36)</b> T. Biedermann, K. Steinbrink
14:15 – 15:25 <b>Vorträge I (1-7)</b> R. Paus, H. Merk	14:10 – 15:10 <b>Vorträge IV (21-26)</b> S. N. Wagner, M. Maurer	12:40 – 13:00 <b>Quo vadis-Vortrag II</b> M. Steinhoff <i>Juckreiz – Wieso, weshalb, warum?</i>
15:30 – 15:50 <b>Quo vadis-Vortrag I</b> J.-M. Schröder <i>Brauchen wir die Defensin-Creme?</i>	15:10– 15:40 <b>Verleihung der ADF Preise I</b> <b>Langerhans- / Macher-Preis</b> T. Luger, M. Röcken	13:00 – 13:20 <b>Posterpreise und Reisestipendien</b> K. Steinbrink
15:50 – 16:15 <b>Pause</b>	15:40 – 16:10 <b>Pause</b>	13:40 <b>Ende der Tagung</b>
16:15 – 18:45 <b>Workshop: Genomics, Proteomics, and Metabolomics</b> J. Baron, J. Frank, C. Traidl-Hoffmann	16:10 – 17:10 J.H. Hoeijmakers <b>Gastvortrag</b> <i>DNA Repair in Aging and Carcinogenesis</i>	
	17:10 – 17:25 <b>Verleihung der ADF Preise II</b> <b>ADF/ECARF-Award / Dermato-Onkologie-Preis /</b> <b>Translational-Research-Preis</b> T. Zuberbier, S. N. Wagner, K. Reich	
	17:25 – 19:10 <b>Mitgliederversammlung</b>	
19:00 – 22:00 <b>Postersession und Welcome Reception</b>	19:30 – 23:00 <b>Gesellschaftsabend</b>	



**XXXIII. Jahrestagung  
der  
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Dermatologische Forschung**

in Zusammenarbeit mit der  
Deutschen Dermatologischen Gesellschaft

mit Unterstützung der Schering AG und der Intendis GmbH

23. - 25. März 2006  
Aachen

**Herausgegeben von der  
Arbeitsgemeinschaft Dermatologische Forschung (ADF) e.V.**

### **Tagungsort**

**Eurogress Aachen  
Monheimsallee 48  
D-52062 Aachen**

#### **vor der Tagung**

**Kongress-Telefon: 0241-8088-331  
Kongress-Telefax: 0241-8082-413**

#### **während der Tagung**

**Kongress-Telefon: 0241-9131-530  
Kongress-Telefax: 0241-9131-531**

### **Verkehrsanbindung**

Der Eurogress ist vom Hauptbahnhof aus gut zu Fuß erreichbar. Es bestehen gut organisierte Anbindungen mit dem öffentlichen Personennahverkehr sowohl zum Eurogress als auch zum Universitätsklinikum.

(siehe auch Lageplan Seite 39 bzw. <http://www.eurogress-aachen.de>)

## Tagungsorganisation

### Lokale Organisatoren

**Hans F. Merk, Jens M. Baron, Gerda Wurpts, Daniela Höller-Obrigkeit, Mark Neis, Tonio Wiederholt, Susanne Jacobs, Claudia Schröder, Jorge Frank**

Universitätsklinik für Dermatologie und Venerologie  
Pauwelsstrasse 30, D-52074 Aachen

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### Technische Organisation Hotel, Reise, Rahmenprogramm

COPP Birgit Barnickel  
Friedrich-Ebert-Straße 12, 61462 Königstein  
Tel.: 06174-931 333 Fax: 06174-931 343  
E-Mail: copp.barnickel@t-online.de

Hotelreservierung:  
Aachen Tourist Service  
Frau Thelen – Stichwort „ADF-Kontingent“  
Krefelder Straße 123  
52070 Aachen  
Tel: 0241-180 2952  
Fax: 0241-180 2930  
E-Mail: p.thelen@aachen-tourist.de

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### Tagungsort

Eurogress Aachen  
Monheimsallee 48, D-52062 Aachen

**Tagungsbeitrag** Nichtmitglieder: € 60,-  
Mitglieder: € 40,- (wird als Mitgliedsbeitrag eingezogen!).  
Studenten sind gegen Vorlage eines entsprechenden Dokumentes vom  
Tagungsbeitrag befreit.  
Kreditkarten können nicht akzeptiert werden.

### Öffnungszeiten des Tagungsbüros

Donnerstag, 23.03.2006	13:00 – 20:00 Uhr
Freitag, 24.03.2006	8:00 – 18:00 Uhr
Samstag, 25.03.2006	8:30 – 14:00 Uhr

## Tagungsorganisation

<b>Vorträge</b>	Redezeit	7 Min
	Diskussion	3 Min

**Projektion** Die Projektion der Vorträge erfolgt ausschließlich per Beamer. Bitte bringen Sie Ihren Vortrag auf einer CD als PowerPoint-Präsentation mit. Bitte beachten Sie, dass aus technischen Gründen nur solche Präsentationen geeignet sind, die auf einem PC geöffnet werden können. Beamer (ausschließlich PowerPoint Präsentation) ist verfügbar: Abgabe einer CD-ROM mindestens 30 Min. vor Beginn der Sitzung

**Poster** Wichtig: *Alle Vorträge sind auch als Poster zu präsentieren*  
Stellwand pro Poster (Breite: 90 cm, Höhe: 150 cm)  
Befestigungsmaterial wird gestellt

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**Wir weisen darauf hin, dass sich anlässlich der ADF-Tagung die Arbeitsgruppen wie folgt treffen:**

**Treffen am Mittwoch, 22. März 2006 im Universitätsklinikum:**

AG Dermato-Endokrinologie 10:00 – 18:30 Uhr, Kleiner Hörsaal 1 (KH 1)

**Treffen am Donnerstag, 23. März 2006 im Universitätsklinikum:**

AG Analytische Morphologie 11:00 – 13:00 Uhr, Kleiner Hörsaal 5 (KH5)

AG Dermatologische Genetik 10:00 – 13:00 Uhr, Kleiner Hörsaal 1 (KH1)

AG Psoriasis 11:00 – 13:00 Uhr, Spiegelsaal

Alle Treffen finden im Uniklinikum Aachen statt, Pauwelsstraße 30, 52074 Aachen (siehe Plan S. 39 bzw. <http://www.ukaachen.de/content/referencepage/1180055>).

**Die Programme der AG-Treffen, weitere Details (Leitung, Kontaktadresse, etc.) sowie Informationen zu AG-Treffen, zu denen zum Zeitpunkt des Druckauftrages noch keine genaueren Angaben vorlagen, finden Sie auf der ADF-Homepage ([www.adf-online.de](http://www.adf-online.de)).**

**Am Freitag, 24.03.2006, steht Herr Dr. Krawisch von der DFG für Besprechungen zur Verfügung. (Raum wird angekündigt)**

## Zur XXXIII. Tagung der Arbeitsgemeinschaft Dermatologische Forschung

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*Liebe Kolleginnen und Kollegen, liebe Freunde:*

in diesem Jahr sind 231 Abstracts eingegangen, aus denen wir unter Berücksichtigung der Gutachterempfehlungen 36 als Vortrag ausgewählt haben. Nach wie vor versteht der Vorstand die Einladung eines Beitrages als Vortrag als besondere Auszeichnung. Ergänzend gibt es wieder vier *QuoVadis*-Vorträge, die aktuelle/kontroverse Themen provokant diskutieren und dabei neue Forschungsperspektiven aufzeigen sollen.

Auch dieses Jahr vergeben wir den Egon-Macher-Preis und den Paul-Langerhans-Preis der ADF sowie sechs attraktiv dotierte Posterpreise, sechs Reisestipendien, den Dermato-Onkologie-Preis und den Allergologie-Preis. Außerdem vergeben wir erstmals einen „Translational Research“-Preis. Den dabei mit der ADF kooperierenden Stiftungen (Egner-Stiftung, ECARF, Dermatologikum Hamburg) und allen Förderern gilt unser herzlichster Dank.

Wie immer sollen alle Poster während der gesamten Tagung ausgestellt sein und besichtigt werden. Alle Vorträge werden zusätzlich als Poster präsentiert, um damit u.a. informelle Interaktionen mit den Autoren zu erleichtern und zusätzlichen Diskussionsstoff für die Postersessions zu schaffen. Im Rahmen der Postersessions werden wieder Posterwalks zu verschiedenen Themen stattfinden.

Die von der Posterkommission ausgewählten besten Poster werden am Ende der Tagung prämiert. Als zusätzliche Maßnahme zur Nachwuchsförderung werden sechs weitere Poster mit einem Reisestipendium für die ADF-Tagung 2007 ausgezeichnet.

„Genomics, Proteomics, and Metabolomics“ sind die Themen unseres diesjährigen Workshops (Organisation: J. Baron, J. Frank, C. Traidl-Hoffmann). Ein weiteres Highlight der Tagung sind natürlich wieder die Günter-Goerz-Gedächtnisvorlesung (J. Knop, Mainz) und der Gastvortrag (J. H. Hoeijmakers, Rotterdam).

Die lokalen Organisatoren, denen unser besonderer Dank für ihre exzellente Vorbereitungsarbeit gilt, und der ADF-Vorstand freuen sich mit Ihnen/Euch auf eine spannende Jahrestagung in Aachen!

*Ralf Paus*

*Vorsitzender*

*Jorge Frank*

*Kassenwart*

*Stephan N. Wagner*

*Schriftführer*

Der Vorstand der ADF bedankt sich herzlich bei den Gutachtern der Beiträge für die ADF 2006, den Mitgliedern der Posterkommissionen und allen Posterwalkern.

### **Experten für die Abstractbegutachtung**

A. Ambach, Magdeburg

C. Berking, München

T. Biedermann, Tübingen

C. Franzke, Freiburg

J. Gille, Frankfurt

S. Grether-Beck, Düsseldorf

I. Haase, Köln

D. Höller-Obrigkeit, Aachen

B. Homey, Düsseldorf

E. Jensen-Jarolim, Wien

B. Lange-Aschenfeldt, Kiel

M. Neis, Aachen

E. Peters, Berlin

B. Schitteck, Tübingen

M. Schmuth, Innsbruck

B. Schuler-Thurner, Erlangen

S. Ständer, Münster

S. Ugurel, Mannheim

P. Wolff, Graz

T. Zollner, Richmond

### **Posterkommission 1 (ungerade Nummern)**

C. Mauch, Köln

W.H. Boehncke, Frankfurt

M. Goebeler, Mannheim

C. Neumann, Göttingen

M. Schön, Würzburg

### **Posterkommission 2 (gerade Nummern)**

M. Hertl, Marburg

M. Berneburg, Tübingen

E. Kämpgen, Würzburg

M. Maurer, Berlin

J. Schröder, Kiel

### **Posterwalks**

Während der Postersessions finden Posterwalks zu folgenden Themen statt:

Allergologie (T. Bieber)

Dendritische Zellen (N. Romani)

Genetik (J. Frank)

Immunregulation (M. Röcken)

Klinische Forschung (K. Reich)

Photobiologie (T. Schwarz)

Tumorbiologie (S. Grabbe)

Zellbiologie (T. Krieg)

Wir bitten alle Interessierten, sich in die an der Anmeldung ausliegenden Listen einzutragen, denen auch der genaue Zeitpunkt der Posterwalks zu entnehmen ist.



# WISSENSCHAFTLICHES PROGRAMM

Donnerstag, 23. März 2006

**12:30 – 13:45 Anbringen der Poster und Registrierung**

**14:00 – 14:10 BEGRÜSSUNG**  
**R. Paus, H. Merk**

**14:15 – 15:25 Vorträge I**  
**Vorsitz: R. Paus, H. Merk**

- V01 14:15 Mutant CDK4 and aberrant HGF signalling synergistically promote rapid induction of carcinogen-induced metastatic melanoma;** D. Tormo, A. Ferrer, J. Steitz, P. Speuser, E. Gaffal, M. Malumbres, M. Barbacid, G. Merlino, T. Tuting; Bonn, Madrid, Bethesda
- V02 14:25 Altered lymphocyte trafficking and differentiation leads to an increase in CD3+ CD4-CD8-double-negative T cells in alpha 2 integrin-deficient mice;** T. Oreshkova, H. Wang, A. Seier, A. Renkl, A. Sindrilaru, G. Varga, D. Kess, S. Grabbe, K. Scharffetter-Kochanek, T. Peters; Ulm, Münster, Essen
- V03 14:35 In vitro and in vivo evidence for senescence-associated mutations of mitochondrial (mt) DNA as an early event in transformation from nevi to malignant melanoma;** W. Schuller, Y. Kamenisch, J. Wenz, G. Metzler, J. Bauer, H. Neubauer, C. Garbe, M. Röcken, M. Berneburg; Tübingen
- V04 14:45 Bathing suit ichthyosis is associated with transglutaminase 1 deficiency;** V. Oji, K. Aufenvenne, B. Ahvazi, I. Hausser, W. Küster, H. Hennies, H. Traupe; Münster, Bethesda, Heidelberg, Bad Salzschlirf, Köln
- V05 14:55 Skin-selective homing of CD4+ T lymphocytes by epicutaneous priming;** I. Glocova, M. Röcken, K. Ghoreschi; Tübingen
- V06 15:05 Dissection of nickel-regulated intracellular signal transduction pathways and identification of novel target genes in primary human endothelial cells by transcriptional profiling;** D. Viemann, S. Schmid, K. Tenbrock, K. Klimmek, V. Müller, M. Schmidt, J. Roth, M. Goebeler; Mannheim, Münster
- V07 15:15 Papilloma virus-like particles for immunotherapy of prion disease;** A. Handisurya, S. Gilch, D. Winter, S. Shafti-Keramat, D. Maurer, H. M. Schätzl, R. Kirnbauer; Wien, München

**15:30 – 15:50 *Quo vadis-Vortrag I***  
J.-M. Schröder  
***Brauchen wir die Defensin-Creme?***

**15:50 – 16:15 PAUSE**

Donnerstag, 23. März 2006

**16:15 – 18:45 WORKSHOP**

**Genomics, Proteomics, and Metabolomics**

**Organisation/Moderation:** J. M. Baron, J. Frank, C. Traidl-Hoffmann

- |               |  |
|---------------|--|
| 16:15 – 16:35 | B. Becker, Regensburg<br><b>Bedeutung der Genomik und Proteomik in der dermatologischen Forschung</b>  |
| 16:35 – 16:55 | S. Ugurel, Heidelberg<br><b>Einsatz der Proteomik in der Suche nach Biomarkern des malignen Melanoms</b>   |
| 16:55 – 17:15 | M. Kunz, Rostock<br><b>Bedeutung der Genomik auf dem Gebiet der entzündlichen Hauterkrankungen</b>   |
| 17:15 – 17:35 | B. Bonnekoh, Magdeburg<br><b>MELK-Toponomics (Proteomics-Imaging in situ):<br/>Perspektiven für Diagnostik und Forschung innerhalb der Dermatologie und Allergologie</b> |
| 17:35 – 17:55 | M. Vermeer, Leiden<br><b>Array analysis in different forms of cutaneous lymphoma</b>   |
| 17:55 – 18:45 | J.K. Nicholson, London<br><b>The role of metabolomics and metabonomics in xenobiotic toxicity</b>  |

**19:00 – 22:00 POSTERSESSION UND WELCOME-RECEPTION**  
bei Snacks und Getränken

## WISSENSCHAFTLICHES PROGRAMM

Freitag, 24. März 2006

### 08:30 – 09:30 Vorträge II Vorsitz: M. Berneburg, J. Gille

- V08 08:30 CD11c+ dendritic cells mediate tolerance to contact allergens; N. Lorenz, W. Seidel-Guyenot, R. Alt, J. Knop, K. Steinbrink; Mainz
- V09 08:40 Switch of Syndecan-1 and Syndecan-4 expression controls maturation associated Dendritic Cell motility; M. Aeverbeck, C. Gebhardt, U. Anderegg, C. Termeer, J. C. Simon; Leipzig
- V10 08:50 Pseudolysin, an elastolytic protease from Pseudomonas aeruginosa, induces proinflammatory mediators and antibiotic peptides in keratinocytes by stimulation of protease-activating receptors; G. Schmeling, O. Wiedow; Kiel
- V11 09:00 Epidermal Langerhans cells control peripheral homeostasis of regulatory T cells via CD254; K. Loser, A. Mehling, J. Apelt; J. M. Penninger, T. A. Luger, S. Beissert; Münster, Wien
- V12 09:10 Impaired type I allergic responses in mice that exhibit defects in sphingomyelin hydrolysis; F. Siebenhaar, O. Utermöhlen, M. Krönke, M. Maurer; Berlin, Köln
- V13 09:20 The role of laminin 5 for keratinocyte polarity and its effect on epithelial cell morphology; B. Hartwig, B. Borm, G. Kirfel, H. Schneider, L. Bruckner-Tuderman, T. Krieg, V. Herzog, M. J. Arin; Köln, Bonn, Erlangen, Freiburg

### 09:30 – 10:30 Posterwalks und P A U S E

Allergologie:	T. Bieber
Dendritische Zellen:	N. Romani
Genetik:	J. Frank
Immunregulation:	M. Röcken
Klinische Forschung:	K. Reich
Photobiologie:	T. Schwarz
Tumorbiologie:	S. Grabbe
Zellbiologie:	T. Krieg

Wir bitten alle Interessierten, sich in die an der Anmeldung ausliegenden Listen einzutragen, denen auch der genaue Zeitpunkt der Posterwalks zu entnehmen ist.

### 10:30 – 11:00 GÜNTER GOERZ GEDÄCHTNISVORLESUNG J. Knop, Mainz

*„Wenn ich nochmal jung wäre...“*

Einführung: K. Steinbrink

## WISSENSCHAFTLICHES PROGRAMM

Freitag, 24. März 2006

**11.00 – 12:10**

### **Vorträge III**

**Vorsitz: W.H. Boehncke, E. von Stebut**

- V14 11:00 CCL20 directs CCR6-positive human sperm to the oocyte;** A. Gerber, E. Bünemann, R. Kubitz, J. Hirchenhain, H. Soto, A. van Lierop, N. J. Neumann, A. Müller, T. Ruzicka, H. Schuppe, A. Zlotnik, J. Krüssel, B. Homey; Düsseldorf, San Diego, Giessen
- V15 11:10 Failure of the IL-12/IL-12R system results in TLR4-dependent hapten-induced contact hypersensitivity;** S. F. Martin, J. C. Dudda, S. Burghard, E. Bachtanian, A. Lembo, C. Galanos, M. A. Freudenberg; Freiburg
- V16 11:20 Human skin and hair follicles are targets and sources of erythropoietin;** M. Laugsch, A. Kromminga, E. Bodó, W. Funk, U. Duschke, W. Jelkmann, R. Paus; Lübeck, Hamburg, München
- V17 11:30 Senescence of human fibroblasts after psoralen photoactivation is mediated by ATR kinase and persistent DNA damage foci at telomeres;** M. Grosse Hovest, N. Brüggelolte, T. Krieg, G. Herrmann; Köln
- V18 11:40 Downregulation of cFLIP sensitizes melanoma cells to TRAIL- or CD95Lmediated apoptosis;** C. Drewniok, S. Kavuri, M. Sprick, T. Haas, H. Gollnick, H. Walczak, M. Leverkus; Magdeburg, Heidelberg
- V19 11:50 Localised inflammatory skin disease following inducible ablation of I kappa B kinase 2 in murine epidermis;** A. Stratis, M. Pasparakis, D. Markur, R. Knaup, R. Pofahl, D. Metzger, P. Chambon, T. Krieg, I. Haase, Köln, Monterotondo, Illkirch
- V20 12:00 Chronification of allergic contact dermatitis decisively depends on the Th1 cytokine Osteopontin (OPN);** A. Seier, A. C. Renkl, G. Schulz, J. Schlick, L. Liaw, J. M. Weiss; Ulm, Scarborough

**12:10 – 13:10**

### **POSTERSESSION (alle geraden Posternummern)**

Snacks und Getränke am Poster

**13:10 – 14:10**

### **POSTERSESSION (alle ungeraden Posternummern)**

Snacks und Getränke am Poster

**14:10 – 15:10**

### **Vorträge IV**

**Vorsitz: S. N. Wagner, M. Maurer**

- V21 14:10 Mosaicism of activating FGFR3 mutations in human skin causes epidermal nevi;** C. Hafner, A. Hartmann, J. van Oers, R. Stoehr, M. Landthaler, F. Hofstaedter, E. Zwarthoff, T. Vogt; Regensburg, Rotterdam
- V22 14:20 A Parasitic Antigen (IPSE) Secreted by Schistosoma Mansoni Eggs Causes IgE-Dependent Basophil Activation in Non-Sensitized Individuals without Crosslinking IgE;** B. F. Gibbs, A. Rähling, G. Schramm, S. Blindow, M. J. Doenhoff, E. Spillner, B. J. Sutton, D. Zillikens, H. Haas; Lübeck, Borstel, Bangor, Hamburg, London

## WISSENSCHAFTLICHES PROGRAMM

**Freitag, 24. März 2006**

- V23 14:30 A semi-synthetic  $\beta$  1-3 glucansulfate reduces blood borne metastasis of B16-melanoma cells;** R. J. Ludwig, J. Gille, G. Bendas, R. Kaufmann, W. Boehncke, S. Alban; Frankfurt/M, Bonn, Kiel
- V24 14:40 Human CD4+CD25+ regulatory T cells express Galectin-10, essential for their anergic state and suppressive capacity;** J. Kubach, C. Richter, P. Lutter, S. Ohlemacher, T. Bopp, C. Becker, E. Hüter, J. Knop, C. Hüls, E. Schmitt, H. Jonuleit; Mainz, Dortmund
- V25 14:50 Identification of important cell cycle regulators as down-stream targets for tumor progression factor osteopontin using a combination of RNA interference and proteome technology;** J. Jaeger, V. Kotsikoris, D. Koczan, S. M. Ibrahim, H. Thiesen, G. Gross, M. O. Glocker, M. Kunz; Berlin, Rostock
- V26 15:00 Deficiency of the proteinase-activated receptor 2 (PAR-2) results in a Th2 switch in experimental leishmaniasis;** J. Ehrchen, J. Roth, G. Varga, S. Seeliger, C. Sorg, C. Sunderkötter, M. Steinhoff; Münster, Ulm

**15:10 – 15:40 Verleihung der ADF-Preise I\***  
**Vorsitz: T. Luger, M. Röcken**

**Paul-Langerhans-Preis / Egon-Macher-Preis**  
**(Kurzvorträge der Preisträger)**

*\* Die ADF dankt für die Unterstützung durch 3M und BIOGEN-Idec*

**15:40 – 16:10 P A U S E**

**16:10 – 17:10 GASTVORTRAG**

**J.H. Hoeijmakers, Rotterdam**

*„DNA Repair in Aging and Carcinogenesis“*  
Einführung: M. Berneburg

**17:10 – 17:25 Verleihung der ADF-Preise II\***

**ADF/ECARF-Award for European Allergy Research (T. Zuberbier)**

**Dermato-Onkologie-Preis der ADF (S.N. Wagner)**

**Translational-Research-Preis (K. Reich)**

*\* Die ADF dankt für die Unterstützung durch ECARF, Erwin & Irmgard Egner-Stiftung und Dermatologikum Hamburg.*

**17:25 – 19:10 Mitgliederversammlung**

## **WISSENSCHAFTLICHES PROGRAMM**

**Freitag, 24. März 2006**

(Tagesordnung siehe ADF-Homepage, [www.adf-online.de](http://www.adf-online.de))

**19:30 – 23:00    Gesellschaftsabend**

**Ludwig-Forum für Internationale Kunst  
Jülicher Straße 97-109, 52070 Aachen**

## WISSENSCHAFTLICHES PROGRAMM

Samstag, 25. März 2006

### 08:30 – 09:30 Vorträge V

Vorsitz: T. Tüting, K. Asadullah

- V27 **08:30 Knockout of the Respiratory Chain in Keratinocytes Shows that Functional Mitochondria Are Essential for Epidermal Differentiation;** M. Schaeue, A. Wille, C. Wickenhauser, C. Niessen, T. Krieg, R. Wiesner; Köln
- V28 **08:40 Identification and characterisation of mouse Survivin peptides in vitro and in vivo;** A. Eggert, H. Voigt, M. Ibsch, M. H. Andersen, D. Schrama, P. thor Straten, J. C. Becker; Würzburg, Kopenhagen
- V29 **08:50 Interleukin-31 - a new link between T cells and pruritus in atopic skin inflammation;** E. Sonkoly, A. Müller, A. Lauerma, A. Pivarcsi, H. Soto, L. Kemeny, H. Alenius, M. Dieu-Nosjean, S. Meller, J. Rieker, M. Steinhoff, T. K. Hoffmann, T. Ruzicka, A. Zlotnik, B. Homey; Düsseldorf, Helsinki, San Diego, Szeged, Paris, Münster
- V30 **09:00 CD25+/CD4+ regulatory T cells suppress maturation of dendritic cells (DC) in vitro and in vivo and induce an immunosuppressive phenotype of DCs;** K. Mahnke, V. Storn, S. Ring, S. Schallenberg, S. Fondel, A. H. Enk; Heidelberg
- V31 **09:10 Functional chimeric E/L-selectin expression by RNA transfer into DC: targeting of dendritic cells from blood to lymph-nodes;** J. Dörrie, N. Schaft, I. Müller, V. Wellner, J. Hänig, G. Oostingh, M. Schön, C. Robert, E. Kämpgen, G. Schuler; Erlangen, Würzburg, Villejuif
- V32 **09:20 The role of RNase 7 in the defense system of human primary keratinocytes;** B. Rudolph, J. Harder; Kiel

### 09:30 – 09:50 *Quo vadis-Vortrag III*

C. Zouboulis, Dessau

*„Wundertüte“ Talgdrüse*

### 09:50 – 10:45 POSTERSESSION (alle geraden Posternummern)

Snacks und Getränke am Poster

### 10:45 – 11:40 POSTERSESSION (alle ungeraden Posternummern)

Snacks und Getränke am Poster

### 11:40 – 12:00 *Quo vadis-Vortrag IV*

G. Stingl, Wien

*Die Langerhans-Zelle - Feind oder Freund?*

## WISSENSCHAFTLICHES PROGRAMM

Samstag, 25. März 2006

### 12:00 – 12:40 Vorträge VI

Vorsitz: T. Biedermann, K. Steinbrink

- V33 12:00 Administration of proinflammatory IL-1 $\alpha$  during sensitization decreases Th2-mediated allergic asthma; P. Caucig, S. Dinges, D. Teschner, J. H. Maxeiner, J. Knop, S. Finotto, E. von Stebut; Mainz
- V34 12:10 Imiquimod interacts with adenosine receptor signaling in a TLR7- and 8-independent fashion - a novel mode of action; M. P. Schön, M. Schön, K. N. Klotz; Würzburg
- V35 12:20 The proapoptotic Bcl-2-related protein Nbk/Bik induces apoptosis in human melanoma cells by a caspase-independent pathway that affects the lysosomes; M. Oppermann, C. C. Geilen, L. F. Fecker, B. Gillissen, P. T. Daniel, J. Eberle; Berlin
- V36 12:30 Organ specific leukocyte recruitment through the multifunctional junctional adhesion molecule (JAM)-B; R. J. Ludwig, K. Hardt, M. Hatting, R. Bistrrian, S. Diehl, R. Kaufmann, H. H. Radeke, R. Henschler, W. Boehncke; Frankfurt/M

### 12:40 – 13:00 *Quo vadis-Vortrag II*

M. Steinhoff, Münster

*Juckreiz – Wieso, weshalb, warum?*

### 13:00 – 13:20 POSTERPREISE\* UND REISESTIPENDIEN

Verleihung: K. Steinbrink

\* Die ADF dankt für die Unterstützung durch HERMAL.

### 13:20 – 13:40 Danksagungen, Verabschiedung, Ende der Tagung



## WISSENSCHAFTLICHES PROGRAMM

### POSTERSESSIONS

<b>alle Posternummern:</b>	<b>Donnerstag, 23.03.2006</b>	<b>19:00 – 22:00 Uhr</b>
<b>gerade Posternummern</b>	<b>Freitag, 24.03.2006</b>	<b>12:00 – 13:00 Uhr</b>
	<b>Samstag, 25.03.2006</b>	<b>09:50 – 10:45 Uhr</b>
<b>ungerade Posternummern:</b>	<b>Freitag, 24.03.2006</b>	<b>13:00 – 14:00 Uhr</b>
	<b>Samstag, 25.03.2006</b>	<b>10:45 – 11:40 Uhr</b>

### Allergologie

- P001** **Drug-induced anaphylaxis in spontaneous adverse drug reaction reports.** B. Sachs, D. Schichler, S. Riegel, S. Erdmann, H. F. Merk; Bonn
- P002** **The Kinetics of IgE-Mediated Signalling and Mediator Release in Human Basophils Crucially Depend on the Magnitude of Stimulation and are Controlled by the Phosphatase SHIP.** B. F. Gibbs, A. R athling, M. Huber, D. Zillikens, H. Haas; L ubeck
- P003 (V22)** **A Parasitic Antigen (IPSE) Secreted by Schistosoma Mansoni Eggs Causes IgE-Dependent Basophil Activation in Non-Sensitized Individuals without Crosslinking IgE.** B. F. Gibbs, A. R athling, G. Schramm, S. Blindow, M. J. Doenhoff, E. Spillner, B. J. Sutton, D. Zillikens, H. Haas; L ubeck
- P004** **Interleukin-10-treated dendritic cells do not inhibit Th2 immune responses in OVA/alum sensitized mice.** I. Bellinghausen, S. Sudowe, B. K onig, A. B. Reske-Kunz, J. Knop, J. Saloga; Mainz
- P005 (V33)** **Administration of proinflammatory IL-1a during sensitization decreases Th2-mediated allergic asthma.** P. Caucig, S. Dinges, D. Teschner, J. H. Maxeiner, J. Knop, S. Finotto, E. von Stebut; Mainz
- P006 (V08)** **CD11c+ dendritic cells mediate tolerance to contact allergens.** N. Lorenz, W. Seidel-Guyenot, R. Alt, J. Knop, K. Steinbrink; Mainz
- P007** **The allergenic potential of sesquiterpene lactones in phytomedicines from Arnica - an immunologic revision.** C. Lass, M. Vocanson, C. C. Schempp, J. F. Nicolas, I. Merfort, S. F. Martin; Freiburg
- P008 (V15)** **Failure of the IL-12/IL-12R system results in TLR4-dependent hapten-induced contact hypersensitivity.** S. F. Martin, J. C. Dudda, S. Burghard, E. Bachtanian, A. Lembo, C. Galanos, M. A. Freudenberg; Freiburg
- P009** **Significance of specific IgE to natural rubber latex in sera of patients reactive to other allergens: Cross-reactive carbohydrate determinants and recombinant rubber latex components in in vitro allergy diagnostic.** U. Jappe, M. Raulf-Heimsoth, G. Burow, M. Hoffmann, C. H ubsch-M uller, A. Enk; Heidelberg
- P010** **Uptake of grass pollen allergens by dendritic cells.** S. F orster, C. Blume, W. Becker, H. Behrendt, C. Traidl-Hoffmann, A. Petersen
- P011** **Regulatory CD4+ and CD8+ T cells inhibit Tc1-mediated skin inflammation after systemic presentation of allergens.** W. Seidel-Guyenot, S. Perschon, N. Dechant, R. Alt, J. Knop, K. Steinbrink; Mainz
- P012** **Pollen associated lipid mediators (PALMs) induce Th2 chemokines in human keratinocytes.** T. Jaeger, M. Thiel, J. M. Baron, J. Ring, H. Behrendt, C. Traidl-Hoffmann; Munich

## WISSENSCHAFTLICHES PROGRAMM

- P013** **Bullous allergic hypersensitivity to bed bug bites mediated by IgE against salivary nitrophorin.** M. Leverkus, R. Jochim, S. Schäd, E. B. Bröcker, J. Andersen, J. Valenzuela, A. Trautmann; Magdeburg
- P014** **Impact of IL-13 on epidermal inflammation in atopic dermatitis.** M. Wittmann, R. Purwar, T. Werfel; Hannover
- P015** **Involvement of the Molecular Triad RANKL/RANK/OPG in the Pathogenesis of Osteoporosis Associated with Mastocytosis.** A. Gerbault, S. E. Baldus, K. Hartmann; Cologne
- P016** **Behavioural changes as a response to stress exposure in a mouse model of experimental allergic dermatitis.** S. Pavlovic Masnikosa, A. Orsal, M. Daniltchenko, B. F. Klapp, E. M. Peters; Berlin
- P017** **Contact hypersensitivity is significantly increased in cannabinoid receptor knockout mice: Evidence for the involvement of the endogenous cannabinoid system in the regulation of cutaneous immune responses.** E. Gaffal, M. Karsak, E. Basner-Tschakarjan, A. Zimmer, T. Tüting; Bonn
- P018 (V05)** **Skin-selective homing of CD4+ T lymphocytes by epicutaneous priming.** I. Glocova, M. Röcken, K. Ghoreschi; Tübingen
- P019** **Genetic background affects susceptibility to milk-induced allergic lung disease.** M. Zerbs, R. Bankoti, U. Schulmeister, G. Dekan, R. Valenta, G. Stingl, M. M. Epstein; Vienna
- P020** **Proteomic identification of new metal-protein interactions in human antigen presenting cells (APC) reveals a potential link to metal-specific immuneresponses in human nickel allergy.** C. Junkes, N. Guerreiro, D. Wild, S. Eikelmeier, H. Weltzien, F. Lottspeich, H. Thierse; Freiburg

### Dermatopathologie

- P022** **Type I Interferon associated cytotoxic inflammation in lichen ruber planus.** J. Wenzel, M. Scheler, J. Proelss, T. Bieber, T. Tüting; Bonn
- P023** **A type I interferon associated recruitment of "skin homing" cytotoxic lymphocytes is characteristic for scarring skin lesions in discoid lupus erythematosus.** J. Wenzel, T. Bieber, T. Tüting; Bonn
- P024** **Heterogeneity of T cell clones infiltrating primary melanomas.** A. S. Yazdi, K. Mörstedt, U. Puchta, M. Röcken, C. A. Sander; Tübingen
- P025** **The dying melanocyte in the aging hair follicle displays oxidative stress damage: a model for tissue specific aging.** R. Overall, M. Birch-Machin, K. Spatz, B. Handjiski, B. F. Klapp, P. C. Arck, E. M. Peters; Berlin
- P026** **Skin and hair follicle innervation in experimental models: a review and guide for the exact and reproducible evaluation of neuronal plasticity.** B. Peker, S. Hendrix, E. Peters; Berlin
- P027** **MAGE-A4 Staining Pattern differs in epithelial skin tumors of immunosuppressed and immunocompetent patients.** B. Muehleisen, L. Schärer, R. Dummer, G. Burg, G. L. Hofbauer; Zurich

### Genetik

- P028** **Epidermal Structure and Function in Ichthyosis Vulgaris.** R. Gruber, A. Janecke, D. Crumrine, R. B. Presland, P. Fleckman, P. O. Fritsch, P. M. Elias, M. Schmuth; Innsbruck

## WISSENSCHAFTLICHES PROGRAMM

- P029** **Towards a molecular classification of skin diseases: establishment of a reference database based on expression profiles of more than 800 patients.** B. Peters, B. Schaffrath, C. Mauch, J. M. Baron, J. Wenzel, T. Krieg, H. F. Merk, T. Bieber, A. Bosio; Cologne
- P030 (V21)** **Mosaicism of activating FGFR3 mutations in human skin causes epidermal nevi.** C. Hafner, A. Hartmann, J. van Oers, R. Stoehr, M. Landthaler, F. Hofstaedter, E. Zwarthoff, T. Vogt; Regensburg
- P031** **Adenoviral-mediated reconstitution of enzymatic protoporphyrinogen oxidase activity in a cell culture model of variegate porphyria.** T. Wiederholt, P. Poblete-Gutiérrez, H. F. Merk, R. Weiskirchen, J. Frank; Aachen
- P032 (V04)** **Bathing suit ichthyosis is associated with transglutaminase 1 deficiency.** V. Oji, K. Aufenvenne, B. Ahvazi, I. Hausser, W. Küster, H. Hennies, H. Traupe; Münster
- P033** **A large genomic deletion in the KIND-1 gene - A novel mutational mechanism in the Kindler syndrome.** C. Baer, C. Wilhelm, A. Locatelli, G. Tadani, J. Kohlhase, L. Bruckner-Tuderman, C. Has; Freiburg
- P034** **Congenital Ichthyosis: Mutation distribution between the genes TGM1, ALOX12B, ALOXE3 and Ichthyin.** K. M. Eckl, M. Nätebus, J. Kurtenbach, H. Traupe, W. Küster, H. C. Hennies; Cologne
- P035** **Variations of the MC1R and the GSTM1 and T1 genes in cutaneous malignant melanoma.** R. Mössner, N. Anders, I. R. König, U. Krüger, D. Schmidt, C. Berking, A. Ziegler, J. Brockmöller, M. Volkenandt, R. Kaiser, G. Westphal, K. Reich; Göttingen

## Immunologie

- P036 (V36)** **Organ specific leukocyte recruitment through the multifunctional junctional adhesion molecule (JAM)-B.** R. J. Ludwig, K. Hardt, M. Hatting, R. Bistran, S. Diehl, R. Kaufmann, H. H. Radeke, R. Henschler, W. H. Boehncke; Frankfurt/Main
- P037** **Critical involvement of P-selectin in the sensitization-phase of cutaneous hypersensitivity.** R. J. Ludwig, J. V. Stein, J. Gille, S. Diehl, K. Hardt, R. Kaufmann, R. Henschler, W. H. Boehncke; Frankfurt/Main
- P038 (V20)** **Chronification of allergic contact dermatitis decisively depends on the Th1 cytokine Osteopontin (OPN).** A. Seier\*, A. C. Renkl\*, G. Schulz, J. Schlick, L. Liaw, J. M. Weiss; Ulm
- P039** **Regulated Osteopontin (OPN) production by dendritic cells (DC) is crucial for their migratory capacity.** G. Schulz, A. Seier, J. Schlick, L. Liaw, J. M. Weiss, A. C. Renkl; Ulm
- P040** **IgG autoantibodies targeting distinct regions of the desmoglein 3 (Dsg3) ectodomain correlate with the activity and clinical phenotype of pemphigus vulgaris.** R. Müller, V. Svoboda, E. Wenzel, S. Gebert, H. Müller, M. Hertl; Marburg
- P041** **Dimethyl fumarate blocks T-Cell adhesion to selectins in-vitro.** S. Rubant, R. J. Ludwig, R. Kaufmann, W. H. Boehncke; Frankfurt/Main
- P042 (V02)** **Altered lymphocyte trafficking and differentiation leads to an increase in CD3+CD4-CD8- double-negative T cells in  $\beta 2$  integrin-deficient mice.** T. Oreshkova, H. Wang, A. Seier, A. Renkl, A. Sindrilaru, G. Varga, D. Kess, S. Grabbe, K. Scharffetter-Kochanek, T. Peters; Ulm
- P043** **Ex vivo Analysis of Autoaggressive Desmoglein 3-reactive T Cells in Pemphigus Vulgaris using Peptide-HLA Class II Tetramers.** C. M. Veldman, R. Eming, S. Wolff-Franke, W. Kwok, M. Hertl; Marburg
- P044** **CD137 ligand induced differentiation of human dendritic cells to potent activators of antigen-specific T cells.** U. Lippert, K. Zachmann, D. M. Ferrari, H. Schwarz, E. Brunner, A. H. Mahbub-ullatif, C. Neumann, A. Soruri; Goettingen

## WISSENSCHAFTLICHES PROGRAMM

- P045** **Balance between Langerhans Cells and Inflammatory Dendritic Epidermal Cells in Eczema.** N. Novak, Y. Chunfeng, B. Schlütter-Böhmer, J. P. Allam, B. Kwiek; Bonn
- P046** **Tissue-targeting of cytotoxic T cells by Dendritic cell immunization in melanoma defence.** F. Edele, E. Bachtanian, S. F. Martin; Freiburg
- P047** **The impact of a chronic DTH reaction on leukocyte migration in alopecia areata.** P. Freyschmidt-Paul, P. Gupta, M. Vitacolonna, S. Hummel, S. Kissling, M. Zöller; Marburg
- P048** **A new way to generate cytolytic tumor-specific T cells: electroporation of RNA coding for a T cell receptor into T lymphocytes.** N. Schaft, J. Dörrie, I. Müller, V. Wellner, S. Baumann, T. Schunder, E. Kämpgen, G. Schuler; Erlangen
- P049 (V31)** **Functional chimeric E/L-selectin expression by RNA transfer into DC: targeting of dendritic cells from blood to lymph-nodes.** J. Dörrie, N. Schaft, I. Müller, V. Wellner, J. Hänig, G. Oostingh, M. P. Schön, C. Robert, E. Kämpgen, G. Schuler; Erlangen
- P050** **Lichen planus: An immunological skin disorder of late age with a characteristic immune fluorescence pattern.** M. Brunner, S. Assmann, H. D. Göring, C. C. Zouboulis; Dessau
- P051** **Dermal fibroblasts potently induce maturation of dendritic cells (DC).** A. Saalbach, C. Klein, U. Anderegg, C. Gebhardt, F. Kauer, M. Averbeck, J. Simon; Leipzig
- P052 (V09)** **Switch of Syndecan-1 and Syndecan-4 expression controls maturation-associated Dendritic Cell motility.** M. Averbeck, C. Gebhardt, U. Anderegg, C. Termeer, J. C. Simon; Leipzig
- P053** **Anti-CD20 (rituximab) treatment of pemphigus vulgaris affects both, autoaggressive B and T lymphocytes.** R. Eming, A. Nagel, S. Wolff-Franke, C. Veldman, M. Hertl; Marburg
- P054** **Structural requirements and mechanism of antimicrobial activity of Dermcidin-derived peptides.** H. Steffen, S. Rieg, I. Wiedemann, H. Kallbacher, A. Peschel, C. Garbe, B. Schittek; Tübingen
- P055** **CD4-mediated activation of human CD4<sup>+</sup>CD25<sup>+</sup> regulatory T cells.** C. G. Becker, J. Wijdenes, F. Schneider, J. Knop, H. Jonuleit; Mainz
- P056** **Inhibition of proinflammatory cytokines and modulation of the T cell stimulatory capacity of dendritic cells through application of the nasal decongestant oxymetazoline.** A. Tuettenberg, S. Koelsch, J. Knop, H. Jonuleit; Mainz
- P057** **Gedächtnis-T-Zellen im Spontanmelanom-Mausmodell.** O. Speicher, A. Thielke, D. Schadendorf, V. Umansky; Mannheim
- P058 (V16)** **CD25<sup>+</sup>/CD4<sup>+</sup> regulatory T cells suppress maturation of dendritic cells (DC) in vitro and in vivo and induce an immunosuppressive phenotype of DCs.** K. Mahnke, V. Storn, S. Ring, S. Schallenberg, S. Fondel, A. H. Enk; Heidelberg
- P059** **Soluble factors produced by CD4<sup>+</sup>CD25<sup>+</sup> regulatory T cells suppress the effector phase of contact hypersensitivity reactions and block the influx of CD8<sup>+</sup> T cells into inflamed tissues.** S. Ring, K. Mahnke, S. Schallenberg, K. Schönfeld, A. H. Enk; Heidelberg
- P060** **Detection of the Antimicrobial Proteins Psoriasin (S100A7) and RNase 7 in the Peripheral Blood of Psoriasis Patients and Healthy Controls.** D. Eisenbeiß, S. Ardebili, J. Harder, H. Lange, B. Rudolph, J. Schröder, M. Weichenthal, R. Gläser; Kiel
- P061** **Detection of tumor specific T cells beyond the sentinel lymph node in the lymphatic draining region.** D. Schrama, E. Baumann, E. B. Bröcker, J. C. Becker; Würzburg
- P062** **Functional analysis of CytIP in Dendritic Cells.** S. Balkow, K. Loser, G. Varga, M. Krummen, J. Apelt, W. Kolanus, S. Grabbe; Münster

## WISSENSCHAFTLICHES PROGRAMM

- P063** **In vitro model for oral mucosal-like Langerhans Cells.** J. P. Allam, B. Niederhagen, M. Wenghoeffer, T. Appelt, S. Berge, N. Novak; Bonn
- P064 (V12)** **Impaired type I allergic responses in mice that exhibit defects in sphingomyelinhydrolysis..** F. Siebenhaar, O. Utermöhlen, M. Krönke, M. Maurer; Berlin
- P065** **New insights into the immune privilege of the hair follicle: Natural killer cells and their possible relevance to alopecia areata.** T. Ito, M. Saathoff, N. Ito, B. J. Nickoloff, M. Takigawa, R. Paus; Hamamatsu
- P066** **Lymphocytes do not necessarily need to home into tumors to elicit efficient anti tumor immune responses .** H. Braumüller, B. Pichler, M. Kneilling, J. Sutcliff-Goulden, A. Borowsky, C. Bodenstein, D. Hanahan, R. Cardiff, S. Cherry, M. Röcken; Tübingen
- P067** **The development of psoriasiform dermatitis depends on CD18 deficiency of CD4+ CD25+ Tregs in a murine psoriasis model.** H. Wang, T. Peters, D. Kess, A. M. Seier, A. Sindrilaru, T. Oreshkova, K. Scharffetter-Kochanek; Ulm
- P068** **Efomycine M inhibits L-selectin-mediated lymphocyte adhesion and diminishes lymphocyte sensitization in the pathogenesis of allergic responses.** G. J. Oostingh, R. J. Ludwig, S. Enders, B. G. Wienrich, G. Harms, M. Schön, S. Grüner, W. H. Boehncke, B. Nieswandt, R. Tauber, M. P. Schön; Würzburg
- P069** **Untersuchung von regulatorischen T-Zellen im Spontanmelanom-Mausmodell.** S. Kimpfler, D. Schadendorf, V. Umansky; Mannheim
- P070 (V24)** **Human CD4+CD25+ regulatory T cells express Galectin-10, essential for their anergic state and suppressive capacity.** J. Kubach, C. Richter, P. Lutter, S. Ohlemacher, T. Bopp, C. Becker, E. Hüter, J. Knop, C. Hüls, E. Schmitt, H. Jonuleit; Mainz
- P071** **NOD2/CARD15 is essential for muramyl dipeptide (MDP)-mediated induction of human beta-defensin-2 (hBD-2) in primary keratinocytes.** E. Voß, J. M. Schröder, J. Harder; Kiel
- P072** **Neutrophils are required for the antibody-induced blister formation in a mouse model of epidermolysis bullosa acquisita.** M. T. Chiriac, D. Zillikens, C. Sitaru; Luebeck
- P073 (V32)** **The role of RNase 7 in the defense system of human primary keratinocytes.** B. Rudolph, J. Harder; Kiel
- P074** **Expression of functional indoleamine 2,3-dioxygenase (IDO) in human dendritic cells is highly upregulated under in vitro maturation: implications for tumor immunotherapy.** M. Wobser, M. Freiwald, D. Schrama, J. C. Becker; Würzburg
- P075** **The epidermis represents an immunological barrier for the induction of CD8+ cytotoxic T cell responses: Lessons from cutaneous DNA vaccination studies using a luciferase fusion protein as model antigen.** E. Basner-Tschakarjan, E. Gaffal, J. Steitz, J. Lenz, D. Schweichel, D. Tormo, A. Ferrer, S. Büchs, P. Speuser, A. Limmer, T. Tüting; Bonn
- P076** **Differential expression of acetylcholine receptors in Th1- or Th2-polarized macrophages .** G. Frongia, A. Gratchev, S. Goerdts, H. Kurzen; Mannheim
- P077** **Macrophage-derived interleukin-10 controls the inflammatory response mediated by TLR-4 but not the response to TLR-9 ligation.** L. Siewe, M. Bollati, R. Jack, C. Wickenhauser, T. Krieg, W. Müller, A. Roers; Cologne
- P078** **Th2 vaccination actively protects against inflammatory autoimmune disease.** J. Brück, C. M. Weigert, M. Röcken, K. Ghoreschi; Tübingen

## WISSENSCHAFTLICHES PROGRAMM

- P079** **MAP kinase p38-related IL-10 production does not mediate the suppressorfunction of regulatory T cell induced by tolerogenic dendriticcells..** H. S. Adler, E. Graulich, J. Knop, K. Steinbrink; Mainz
- P080 (V11)** **Epidermal Langerhans cells control peripheral homeostasis of regulatory Tcells via CD254 .** K. Loser, A. Mehling, J. Apelt, J. M. Penninger, T. A. Luger, S. Beissert;Muenster
- P081** **IL-4 is an effector cytokine in contact hypersensitivityresponses.** K. Chen, S. Kaesler, T. Volz, M. Werner, M. Kneilling, M. Röcken, T. Biedermann;Tübingen
- P082** **Mass spectrometric analysis of antimicrobial active fractionated psoriatic scaleextracts.** J. Bartels, J. Harder, J. M. Schröder; Kiel
- P083** **Short dendritic cell stimulation with the toll-like receptor ligand peptidoglycanresults in Th1 shifting cells.** M. Krummen, S. Balkow, K. Loser, M. Steinert, G. Varga, S. Grabbe;Münster
- P084 (V26)** **Deficiency of the proteinase-activated receptor 2 (PAR-2) results in a Th2switch in experimental leishmaniasis..** J. M. Ehrchen, J. Roth, G. Varga, S. Seeliger, C. Sorg, C. Sunderkötter, M. Steinhoff;Münster
- P085** **Characterization of dendritic cells as major players in basalcell carcinoma lesions regressing upon imiquimod.** G. Stary, C. Bangert, S. Altrichter, R. Strohal, T. Kopp, G. Stingl; Vienna
- P086** **Cell volume regulation by the taurine transporter TAUT determines T cell survival.** M. Sobiesiak, S. Kaesler, M. Kneilling, T. Wieder, B. Heller-Stilb, U. Warskulat, D. Häussinger, F. Lang, T. Biedermann; Tübingen
- P087** **TNF- $\alpha$  induces a delayed anti-inflammatory response in LPS-stimulatedmacrophages mediated by transcription factor ARNT2.** J. M. Ehrchen, L. Steinmüller, K. Tenbrock, C. Sorg, J. Roth; Münster
- P088** **C57BL/6 mice develop stronger dermatitis in an antigen specific model ofatopic dermatitis compared to BALB/c mice.** S. Kaesler, T. Volz, K. Chen, U. Hein, M. Werner, M. Röcken, T. Biedermann;Tübingen
- P089** **Mast Cell-TNF Induces Tissue-Inflammation through TNFR1-expressingEndothelia.** M. Kneilling, R. Mailhammer, L. Hültner, T. Schönberger, S. Massberg, C. A. Sander, M. Eichner, K. Maier, M. Gawaz, K. Pfeffer, K. Pfeffer, T. Biedermann, M. Röcken;Tübingen
- P090** **M-DC8+ blood dendritic cells are principal producers of early interleukin-12:Studies on their control in blood by erythrocytes and their presence in theTh1-dominated diseases psoriasis vulgaris and rheumatoidarthritis.** K. Schäkel, M. von Kietzell, A. Ebling, L. Schulze, M. Haase, C. Semmler, M. Sarfati, N. Barclay, G. Randolph, M. Meurer, P. Rieber; Dresden
- P091** **Human cytotoxic lymphocytes release upon activation two different granulesystems - RANTES comes first .** A. Ambach, E. Noessner, C. Besser, D. Anz, A. Weren, R. Hartig, B. Bonnekoh, B. Schraven, P. J. Nelson, H. Gollnick; Magdeburg
- P092** **Cyclosporin A abolishes CD28-mediated resistance to CD95-induced apoptosisvia superinduction of caspase-3.** A. Kerstan, N. Armbruster, E. B. Bröcker, M. Leverkus, T. Hünig; Würzburg
- P093** **IL-4 determines the DC phenotype in humans by upregulating IL-12 andinhibiting IL-10 production.** E. Guenova, T. Volz, S. Kaesler, T. Biedermann; Tübingen
- P094** **Evaluation of DNA vaccination with recombinant adenoviruses usingbioluminescence imaging of antigen expression .** D. Schweichel, J. Steitz, D. Tormo, E. Gaffal, A. Ferrer, S. Büchs, P. Speuser, A. Limmer, T. Tüting; Bonn



## WISSENSCHAFTLICHES PROGRAMM

- P095 CCL1-CCR8 interactions: an axis mediating the recruitment of T cells and Langerhans Cells to Sites of Atopic Skin Inflammation.** M. Gombert, M. Dieu-Nosjean, F. Winterberg, E. Bünemann, R. C. Kubitz, L. DaCunha, A. Haahtela, S. Lehtimäki, A. Müller, J. Rieker, S. Meller, A. Pivarsci, A. Koreck, W. Fridman, H. Zentgraf, H. Pavenstädt, A. Amara, C. Caux, L. Kemeny, H. Alenius, A. Lauerma, T. Ruzicka, A. Zlotnik, B. Homey; Düsseldorf
- P096 (V29) Interleukin-31 - a new link between T cells and pruritus in atopic skin inflammation.** E. Sonkoly, A. Müller, A. Lauerma, A. Pivarsci, H. Soto, L. Kemeny, H. Alenius, M. Dieu-Nosjean, S. Meller, J. Rieker, M. Steinhoff, T. K. Hoffmann, T. Ruzicka, A. Zlotnik, B. Homey; Düsseldorf
- P097 IL-4 determines the DC phenotype in humans by upregulating IL-12 and inhibiting IL-10 production.** E. Guenova, T. Volz, S. Kaesler, T. Biedermann; Tübingen
- P098 (V07) Papilloma virus-like particles for immunotherapy of prion disease.** A. Handisurya, S. Gilch, D. Winter, S. Shafti-Keramat, D. Maurer, H. M. Schätzl, R. Kirnbauer; Vienna
- P099 Dendritic cells increase TCR sensitivity by preactivating T lymphocyte Src kinases in the absence of antigen.** P. Meraner; Vienna
- P100 Agonists of Proteinase-activated Receptor-2 Induce Histamine Release from Human Primary Skin Mast Cells.** C. Moormann, M. Artuc, N. Vergnolle, B. Henz, R. Brehler, T. A. Luger, M. Steinhoff; Münster
- P101 Presence of lytic proteins in myeloid and plasmacytoid dendritic cells.** C. Bangert, S. Altrichter, G. Stary, G. Stingl, T. Kopp; Vienna
- P102 "Skin conditioning" as a means to enhance dendritic cell migration for adoptive immunotherapy.** C. Tripp, G. Ratzinger, P. Stoitzner, S. Ebner, P. Fritsch, N. Romani; Innsbruck
- P103 Function of Langerhans cell-like dendritic cells in antiviral immunity of the skin.** C. N. Renn, D. J. Sanchez, A. J. Legaspi, G. Cheng, H. F. Merk, R. L. Modlin; Los Angeles, California
- P104 Melanoma-associated chondroitin sulfate proteoglycan (MCSP): a promising target antigen for cancer immunotherapy?.** C. Erfurt, I. Haendle, E. Kaempgen, K. Thielemans, P. van der Bruggen, G. Schuler, E. S. Schultz; Erlangen
- P105 (V19) Localised inflammatory skin disease following inducible ablation of I kappa B kinase 2 in murine epidermis.** A. Stratis, M. Pasparakis, D. Markur, R. Knaup, R. Pofahl, D. Metzger, P. Chambon, T. Krieg, I. Haase; Cologne
- P106 High expression levels of the inflammatory cytokine interleukin-31 in patients with atopic dermatitis and allergic contact dermatitis, but not psoriasis.** H. M. Hermanns, M. Neis, B. Peters, A. Dreuw, J. Wenzel, T. Bieber, C. Mauch, T. Krieg, P. C. Heinrich, H. F. Merk, A. Bosio, J. M. Baron; Aachen

## Klinische Forschung

- P107 Number and function of CD4+CD25+ regulatory T cells in patients with Bullous Pemphigoid.** A. Rensing-Ehl, B. Gaus, L. Bruckner-Tuderman, S. F. Martin; Freiburg
- P108 HLA-A2 restricted peptides derived from the tumor stroma-associated antigen FAPa induce specific T cell responses in melanoma patients.** V. Hofmeister, R. Ullrich, J. C. Becker; Würzburg
- P109 UVA light and singlet oxygen quantum yield of endogenous photosensitizers determined directly by its luminescence..** J. Baier, C. Pöllmann, T. Maisch, M. Maier, W. Bäuml; Regensburg
- P110 Sweet-like bullous skin infiltrations in an CML patient treated with tyrosine kinase inhibitors..** K. M. Kaune, B. Chapuy, C. Steidl, A. Ressel, J. Baesecke, B. Glaß, C. Neumann, S. Emmert; Goettingen

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- P111** Presence of cannabinoid receptors on cutaneous sensory nerve fibers and their role in pruritus therapy. S. Ständer; Münster
- P112** IL-18 and CRP but not IL-8 are sensitive course-indicators for acute clinical manifestations in Adamantiades-Behet's disease. A. Altenburg, H. Orawa, C. C. Zouboulis; Berlin
- P113** Juvenile-onset Adamantiades-Behet's disease in Germany . R. Treudler, N. Papoutsis, H. Orawa, A. Altenburg, C. C. Zouboulis; Berlin
- P114** Epidemiology of Adamantiades-Behet's disease in Germany. N. Papoutsis, A. Altenburg, H. Orawa, I. Kötter, D. Djawari, R. Stadler, U. Wollina, H. Gollnick, L. Krause, U. Pleyer, P. Martus, C. C. Zouboulis; Berlin
- P115** Malignant atrophic papulosis Köhlmeier-Degos: First epidemiological and prognostic data. A. Theodoridis, C. C. Zouboulis; Berlin
- P116** Identification and characterization of 18 patients simultaneously infected with varicella zoster and herpes simplex virus. K. A. Giehl, E. Müller-Sander, M. Volkenandt, G. Plewig, C. Berking; Munich
- P117** Immunohistochemical Characterisation of epidermal Stem Cells. M. Nagler, F. Steierhoffer, K. Rzepka, T. Klapperstück, J. Wohlrab; Halle(Saale)
- P118** Development and characterization of an in vitro-assay for the study of human chemotherapy-induced hair follicle dystrophy. E. Bodó, D. Tobin, W. Funk, R. Paus; Lübeck
- P119** Evaluation of diagnostic criteria in Adamantiades-Behet's disease patients in Germany. A. Altenburg, H. Orawa, N. Papoutsis, C. Assaf, C. C. Zouboulis; Berlin

### Mediatoren

- P120** Influence of green and black tea, Epigallocatechin-3-gallate and Theaflavin on prostanoïd synthesis in vitro and in vivo using microdialysis. S. R. Quist, F. Simmel, I. Wiswedel, R. Neubert, H. Gollnick; Magdeburg
- P121** Effect of irradiation on the binding capacity of bovine collagen for inflammatory cytokines. C. Wiegand, M. Abel, P. Elsner, U. C. Hipler; Jena
- P122** Influence of irradiation on the binding capacity of bovine collagen for inflammatory proteases. C. Wiegand, M. Abel, P. Ruth, M. Elsner, U. C. Hipler; Jena
- P123** Quantitative and Positional Analysis of DNA Methylation in Circulating DNA of Melanoma Patients. A. Marini, A. Mirmohammadsadegh, S. Nambiar, A. Gustrau, S. Blecken, T. Ruzicka, U. R. Hengge; Duesseldorf
- P124** IL-22 regulates the expression of genes responsible for antimicrobial defense, cellular differentiation, and mobility in keratinocytes: a potential role in psoriasis. . K. Wolk, E. Witte, E. Wallace, S. Kunz, W. Döcke, K. Asadullah, H. Volk, W. Sterry, R. Sabat; Berlin
- P125** Eotaxin-3 is abundantly expressed on vascular endothelial cells and mononuclear infiltrate cells in bullous pemphigoid (BP). C. Pfeiffer, G. Wozel, M. Meurer, C. Günther; Dresden

### Mikrobiologie

- P126** Community-acquired Staphylococcus aureus in Dermatology: Characteristics and clinical significance of methicillin resistance and Panton-Valentine leukocidin . U. Jappe, D. Heuck, G. Werner, W. Witte; Heidelberg



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- P127** **Antifungal activity of Chitosan Flake 1130 against Candida albicans -Comparative measurement of cultural growth with Nephelometry and Fluorescence (Alamar Blue®) .** F. Seyfarth, P. Elsner, U. C. Hipler; Jena
- P128** **TAT-LACK-transduced DC induce antigen-specific CD8+ T cells and efficiently vaccinate against murine cutaneous leishmaniasis.** K. Mölle, Y. Tada, N. Shibagaki, J. Knop, M. C. Udey, E. von Stebut; Mainz
- P129** **Elucidation of the role of interleukin-17 in murine cutaneous leishmaniasis.** S. Lopez Kostka, S. Dinges, J. Knop, M. C. Udey, Y. Iwakura, E. von Stebut; Mainz
- P130 (V10)** **Pseudolysin, an elastolytic protease from Pseudomonas aeruginosa, induces proinflammatory mediators and antibiotic peptides in keratinocytes by stimulation of protease-activating receptors.** G. Schmeling, O. Wiedow; Kiel

### Pharmakologie

- P131** **Viral chemokine antagonist VMIP-II blocks TH1-cell migration.** S. Rubant, P. Schulze-Johann, J. Pfeffer, R. J. Ludwig, H. H. Radeke, W. H. Boehncke; Frankfurt/Main
- P132** **Growth factors and sex steroids at age-specific levels regulate the biological activity of human sebocytes .** E. Makrantonaki, C. C. Zouboulis; Berlin
- P133** **The HET-CAM as an in-vivo Model to objectify pharmacological Effects on Lymphangiogenesis.** I. Hünerbein, T. Schönfeld, J. Wohlrab; Halle (Saale)
- P134 (V34)** **Imiquimod interacts with adenosine receptor signaling in a TLR7- and 8-independent fashion - a novel mode of action.** M. P. Schön, M. Schön, K. N. Klotz; Würzburg
- P135** **Characterisation of Cytochrome P450 expression in organotypic skin models.** M. M. Neis, A. F. Wendel, Y. Marquardt, S. Jousen, R. Heise, J. M. Baron, H. F. Merk; Aachen

### Photobiologie

- P136** **In vitro and in vivo comparison of two different light sources for topical photodynamic therapy.** P. Babilas, E. Kohl, T. Maisch, H. Bäcker, B. Gross, A. Branzan, W. Bäumler, M. Landthaler, S. Karrer, R. Szeimies; Regensburg
- P137** **Enhanced photocarcinogenesis in interleukin-12 deficient mice.** A. Maeda, S. Schneider, M. Kojima, S. Beisert, T. Schwarz, A. Schwarz; Kiel
- P138** **Interleukin-18 reduces UV-induced DNA damage and thereby affects photoimmunosuppression.** A. Schwarz, A. Maeda, S. Ständer, H. van Steeg, T. Schwarz; Kiel
- P139 (V17)** **Senescence of human fibroblasts after psoralen photoactivation is mediated by ATR kinase and persistent DNA damage foci at telomeres.** M. Grosse Hovest, N. Brüggelolte, T. Krieg, G. Herrmann; Cologne
- P140** **Investigation of photodynamic inactivation of bacteria using the detection of singlet oxygen luminescence.** T. Maisch, B. Franz, J. Baier, M. Maier, M. Landthaler, R. Szeimies, W. Bäumler; Regensburg
- P141** **The common R683W rather than a new fs670→693ter mutation in the XPD gene determines the xeroderma pigmentosum phenotype in a 15y old boy..** S. Emmert, T. Ueda, U. Zumsteg, S. G. Khan, P. Laspe, K. Zachmann, D. Leibel, A. Bircher, K. H. Kraemer; Goettingen

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- P142** **Differential regulation of the hyaluronan metabolism in the epidermal and dermal compartment by UVB irradiation of human skin.** M. Aeverbeck, C. Gebhardt, S. Voigt, S. Beilharz, U. Anderegg, C. Termeer, J. C. Simon
- P143 (V03)** **In vitro and in vivo evidence for senescence-associated mutations of mitochondrial (mt) DNA as an early event in transformation from nevi to malignant melanoma.** W. Schuller, Y. Kamenisch, J. Wenz, G. Metzler, J. Bauer, H. Neubauer, C. Garbe, M. Röcken, M. Berneburg; Tübingen
- P144** **Fox-P3-positive regulatory T-cells decrease during medium dose UVA1 therapy in the skin of generalized atopic eczema patients.** A. Gauger, R. Rad, C. Schnopp, S. Weidinger, J. Ring, B. Eberlein-König, M. Ollert, M. Mempel; Munich
- P145** **Transplant recipients and other patients that have to protect themselves against solar ultraviolet (UV) radiation are at risk to develop vitamin-D deficiency.** J. Reichrath, K. Querings, M. Lorenz, C. Müller, W. Tilgen; Homburg/Saar
- P146** **Development of an in vivo-like skin model for studies of cooperation between keratinocytes and fibroblasts with respect to the cutaneous vitamin D3 pathway.** H. Ziepol, M. Meurer, B. Lehmann; Dresden
- P147** **Infrared-mediated hyperthermia is effective in the treatment of scleroderma-associated Raynaud's phenomenon.** J. Foerster, S. Fleischanderl, S. Wittstock, A. Storch, H. Meffert, G. Riemekasten, M. Worm; Berlin
- P148** **Respiratory burst is decreased in scleroderma patients and normalized by near-infrared mediated hyperthermia.** J. Foerster, A. Storch, S. Fleischanderl, S. Wittstock, S. Pfeiffer, G. Riemekasten, M. Worm; Berlin

## Tumorbiologie

- P149 (V23)** **A semi-synthetic  $\beta$  1-3 glucansulfate reduces blood borne metastasis of B16-melanoma cells.** R. J. Ludwig, J. Gille, G. Bendas, R. Kaufmann, W. H. Boehncke, S. Alban; Frankfurt/Main
- P150** **Expression of integrin alpha 10 is induced in malignant melanoma.** A. Wenke, A. K. Bosserhoff; Regensburg
- P151** **A delta opioid receptor agonist desensitises CXCR4 chemokine receptor and suppresses pulmonary metastasis of murine B16.F10 melanoma cells.** R. J. Ludwig, O. Pello, L. Gomez, W. H. Boehncke, J. Gille, C. Martinez, B. Duthey; Frankfurt/Main
- P152** **Paucity of Foxp3+ cells in skin and peripheral blood distinguishes Sézary Syndrome from other cutaneous T-cell lymphomas.** C. D. Klemke, B. Fritzsing, B. Franz, E. Kleinmann, N. Oberle, N. Poenitz, J. Sykora, S. Goerd, P. H. Kramer, E. Suri-Payer; Heidelberg
- P153** **Cross-reactivity of mimotopes with a monoclonal antibody against the high molecular weight-melanoma-associated antigen (HMW-MAA) does not predict cross-reactive immunogenicity.** C. Hafner, S. Wagner, D. Allwardt, A. Riemer, O. Scheiner, H. Pehamberger, H. Breiteneder; Vienna
- P154** **Influence of the cytoplasmic domain of E-cadherin on endogenous N-cadherin expression in malignant melanoma.** S. Kuphal, A. K. Bosserhoff; Regensburg
- P155** **Differential prognostic impact of the mutational status of B-RAF and N-RAS in melanoma.** S. Ugurel, R. K. Thirumaran, S. Blöthner, A. Gast, A. Sucker, J. Müller-Berghaus, W. Rittgen, K. Hemminki, R. Kumar, D. Schadendorf; Mannheim
- P156** **Antisense MIA cell clones as a model system for restored TGF $\beta$  signaling in malignant melanoma.** T. Rothhammer, A. K. Bosserhoff; Regensburg

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- P157 High frequency of FGFR3 mutations in adenoid seborrhoeikeratoses.** C. Hafner, A. Hartmann, J. van Oers, M. Landthaler, E. Zwarthoff, F. Hofstaedter, R.Stoehr, T. Vogt; Regensburg
- P158 Vorkommen und Bedeutung von anti-neuronalen Antikörpern bei Patienten mit malignem Melanom.** C. Pföhler, B. Gäb, A. Stark, W. Tilgen; Homburg/Saar
- P159 Re-expression of the retinoblastoma-binding protein 2-homolog 1 (RBP2-H1) reveals tumor-suppressive functions in highly metastatic melanoma cells..** A. Roesch, B. Becker, W. Schneider-Brachert, I. Hagen, M. Landthaler, T. Vogt; Regensburg
- P160 Oligonucleotide Microarray-Based Screening for Molecular Markers in Melanoma Progression Revealed Two Independent Novel Predictors.** S. Nambiar, A. Mirmohammadsadeh, M. Hassan, A. Marini, U. R. Hengge; Duesseldorf
- P161 (V35) The proapoptotic Bcl-2-related protein Nbk/Bik induces apoptosis in human melanoma cells by a caspase-independent pathway that affects the lysosomes.** M. Oppermann, C. C. Geilen, L. F. Fecker, B. Gillissen, P. T. Daniel, J. Eberle; Berlin
- P162 (V25) Identification of important cell cycle regulators as down-stream targets for tumor progression factor osteopontin using a combination of RNA interference and proteome technology .** J. Jaeger, V. Kotsikoris, D. Koczan, S. M. Ibrahim, H. Thiesen, G. Gross, M. O. Glocker, M. Kunz; Berlin
- P163 Absence of Classical MAP Kinase Pathway Signalling in Merkel Cell Carcinoma.** R. Houben, B. Michel, C. S. Vetter, C. Pföhler, B. Laetsch, M. D. Wolter, U. Trefzer, S. Ugurel, D. Schrama, J. C. Becker; Würzburg
- P164 Influence of Hyaluronan and Ultraviolet-B on Melanoma Cell Motility.** C. Gebhardt, M. Aeverbeck, A. Viertel, F. Kauer, V. Voelcker, U. Anderegg, J. C. Simon; Leipzig
- P165 Casein kinase 1alpha is repressed during melanoma progression and regulates beta-catenin signaling in melanoma cell lines.** T. Sinnberg, B. Schitteck, C. Garbe; Tübingen
- P166 Small Fragments Of Hyaluronic Acid Induce Metalloproteinase and Cytokine Upregulation in Human Melanoma Cells - Possible Role Of TLR4 and CD44.** V. Voelcker, C. Gebhardt, M. Aeverbeck, U. Anderegg, J. Simon; Leipzig
- P167 (V18) Downregulation of cFLIP sensitizes melanoma cells to TRAIL- or CD95L mediated apoptosis.** C. Drewniok, S. Kavuri, M. Sprick, T. Haas, H. Gollnick, H. Walczak, M. Leverkus; Magdeburg
- P168 Increased colloid osmotic pressure enhances the uptake of macromolecules in a xenograft tumour model.** M. Hofmann, M. Guschel, G. S. Salvesen, A. Raa, A. Bernd, J. Bereiter-Hahn, R. Kaufmann, C. Tandi, H. Wiig, S. Kippenberger; Frankfurt/Main
- P169 GBP5 expression and their putative interaction partners in cutaneous T-cell lymphoma.** C. Kistler, M. Lee, D. Schadendorf, S. Eichmüller; Heidelberg
- P170 Nachweis eines identischen T-Zell Klonen in der Haut und im peripheren Blut bei Patienten mit lymphomatoider Papulose.** D. Humme, A. Lukowsky, S. Gellrich, M. Steinhoff, W. Sterry, C. Assaf; Berlin
- P171 Recoverin and others: Cancer-Retina Antigens in melanoma.** A. V. Bazhin, V. Umansky, R. Dummer, P. P. Philippov, D. Schadendorf, S. Eichmüller; Heidelberg
- P172 (V28) Identification and characterisation of mouse Survivin peptides in vitro and in vivo..** A. Eggert, H. Voigt, M. Ibsch, M. H. Andersen, D. Schrama, P. Thor Straten, J. C. Becker; Würzburg
- P173 The disintegrin-cystein domain of ADAM-9 is cell-adhesive and induces cell signalling.** P. Zigrino, J. Steiger, R. Nischt, J. W. Fox, C. Mauch; Cologne

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- P174** **B-RafV600E mutation in malignant melanoma is associated with increased expressions of BAALC and FYN.** G. Keller, R. Houben, D. Schrama, C. G. Ziegler, C. S. Vetter, S. Ugurel, J. C. Becker; Würzburg
- P175** **Effects of melanoma growth in mice on numbers and functions of Treg.** S. Schallenberg, S. Ring, K. Mahnke, E. Suri-Payer, A. H. Enk, V. Umansky; Heidelberg
- P176 (V01)** **Mutant CDK4 and aberrant HGF signalling synergistically promote rapid induction of carcinogen-induced metastatic melanoma.** D. Tormo, A. Ferrer, J. Steitz, P. Speuser, E. Gaffal, M. Malumbres, M. Barbacid, G. Merlino, T. Tuting; Bonn
- P177** **Expression of BRN2, osteopontin and nestin in melanoma and nevi. New markers of tumor progression?** T. Maier, D. Mestel, R. Besch, U. Nägele, R. A. Sturm, C. Berking; Munich
- P178** **No discernible pattern of mitochondrial (mt) DNA deletions in basal and squamous cell carcinoma samples isolated by laser capture microdissection.** Y. Kamenisch, J. Wenz, G. Metzler, J. Bauer, H. Neubauer, C. Garbe, M. Röcken, M. Berneburg; Tübingen
- P179** **High-throughput tissue microarray analysis of MTAP expression in melanocytic skin tumors.** S. Meyer, P. Wild, F. Bataille, M. Woenckhaus, T. Vogt, M. Landthaler, F. Hofstaedter, A. K. Bosserhoff; Regensburg
- P180** **Simultaneous blockade of the MAPK and AKT signaling pathways abrogates invasive tumor growth in malignant melanoma.** F. Meier, S. Busch, E. Maczey, C. Garbe, B. Schittek; Tübingen
- P181** **New insights into the molecular basis of the anti-tumoral activity of resveratrol.** B. G. Wienrich, M. Schön, W. Völkel, E. Trösken, K. Scholz, E. B. Bröcker, M. P. Schön; Würzburg
- P182** **Construction of a multi-functional tetracycline-regulated vector for gene transfer.** M. Hassan, A. Alawi, S. Nambiar, A. Mirmohammadsadeh, U. R. Hengge; Duesseldorf
- P183** **Chemokine receptors in head and neck cancer: association with metastatic spread and regulation during chemotherapy.** A. Müller, E. Sonkoly, C. Eulert, P. Gerber, R. Kubitza, K. Schirlau, P. Franken-Kunkel, C. Poremba, C. Snyderman, L. Klotz, T. Ruzicka, H. Bier, A. Zlotnik, T. Whiteside, B. Homey, T. Hoffmann; Düsseldorf
- P184** **CCR10 and CXCR4 regulate tumor progression and metastasis of malignant melanoma.** A. Müller, S. N. Wagner, H. Soto, T. McClanahan, M. Sathe, E. Murphy, W. Yuan, P. Hevezi, T. Ruzicka, A. Zlotnik, B. Homey; Düsseldorf
- P185** **Decreased levels of proapoptotic Bcl-2-related multidomain proteins Bax and Bak in primary melanoma are associated with worse patient prognosis.** L. F. Fecker, C. C. Geilen, G. Tchernev, C. Assaf, B. Kurbanov, C. Schwarz, U. Trefzer, P. T. Daniel, J. Eberle; Berlin
- P186** **Bcl-xAK, a novel Bcl-x splice product without BH3 domain, triggers apoptosis in human melanoma cells.** A. M. Hossini, C. C. Geilen, L. F. Fecker, P. T. Daniel, J. Eberle; Berlin
- P187** **The effects of Arsenic Trioxide on CTCL cells in vitro and on artificial Mycosis fungoides tumors in vivo in a mouse model.** U. M. Döbbeling, J. Z. Qin, P. A. Oberholzer, A. Navarini, R. Dummer, G. Burg, A. Tun Kyi; Zurich
- P188** **A Novel Three-dimensional Organ Construct to Study Squamous Cell Carcinoma of the Skin in vitro.** D. Hoeller Obrigkeit, F. Abuzahra, T. Beermann, H. F. Merk, J. A. Frank, F. K. Jugert; Aachen
- P189** **Melanoma-derived MMP-1 promotes thrombus formation and cell adhesion via endothelial PAR1.** T. Gorge, A. Barg, B. Pöppelmann, V. Shpacovitch, E. Schnäker, T. A. Luger, M. Steinhoff, S. Schneider; Münster

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- P190** **Gene Expression Analysis of Proteinase-Activated Receptor-2-Deficient and Wild-Type Mouse Papillomas.** A. Rattenholl, S. Seeliger, J. Buddenkotte, J. M. Ehrchen, M. Schön, M. P. Schön, S. Ständer, M. Steinhoff; Muenster
- P191** **Biology of Human Natural Killer Cells in Melanoma Patients.** F. Kiecker, R. Belli, M. Hofmann, P. Walden, W. Sterry, U. Trefzer; Berlin

### Zellbiologie

- P192** **Cyclodextrin-induced apoptosis in HaCaT keratinocytes .** U. Schönfelder, P. Elsner, U. C. Hipler; Jena
- P193** **Evidence for expression of the melanocortin-1 receptor and an immunoregulatory role of alpha-melanocyte-stimulating hormone in human basophils .** M. Böhm, I. Wolff, T. E. Scholzen, T. A. Luger; Münster
- P194** **A high ERK/p38 ratio as well as cisplatin-mediated activation of ERK protect cells from apoptosis in melanoma .** A. Mirmohammadsadegh, M. Hassan, A. Gustrau, S. Nambiar, A. Marini, U. R. Hengge; Duesseldorf
- P195 (V27)** **Knockout of the Respiratory Chain in Keratinocytes Shows that Functional Mitochondria Are Essential for Epidermal Differentiation.** M. Schauen, A. Wille, C. Wickenhauser, C. Niessen, T. Krieg, R. Wiesner; Cologne
- P196** **E-cadherin affects the functional activity of the Par3-Par6-aPKC polarity complex in keratinocytes.** I. Helfrich, A. Schmitz, P. Zigrino, C. Mauch, R. Kemler, C. Niessen; Cologne
- P197** **Improved capacitation and acrosome reaction of human spermatozoa by magnetic activated cell sorting.** T. Baumann, S. Grunewald, U. Paasch, H. Glander; Leipzig
- P198** **Transforming growth factor  $\beta$  (TGF $\beta$ ) potentiates IL-1  $\beta$ /p38-MAPK signaling pathways: consequence for c-fos and metalloproteinase gene expression in human epithelial cells.** M. Schiller, J. M. Ehrchen, T. A. Luger, A. Mauviel, M. Böhm; Münster
- P199** **A potential role for MCOLA in compensating MMP-13 deficiency.** A. Schild, P. Zigrino, B. Hartenstein, P. Angel, C. Mauch; Cologne
- P200** **Cell synchronisation effect on nonviral cutaneous transfection.** F. Steierhoffer, T. Klapperstück, M. Nagler, K. Rzepka, J. Wohlrab; Halle(Saale)
- P201** **Calcium regulates human SZ95 sebocyte numbers and differentiation in an inverse manner compared to human keratinocytes.** H. Seltmann, G. Menon, C. C. Zouboulis; Berlin
- P202** **Identification of a novel 54 kDa hepatocyte growth factor (HGF) isoform during wound repair.** S. Eming, M. Gerharz, M. Piekarek, P. Schirmacher, T. Krieg; Cologne
- P203 (V13)** **The role of laminin 5 for keratinocyte polarity and its effect on epithelial cell morphology.** B. Hartwig, B. Borm, G. Kirfel, H. Schneider, L. Bruckner-Tuderman, T. Krieg, V. Herzog, M. J. Arin; Cologne
- P204** **Influence of Chitosan on wound healing is dependent on concentration and molecular weight.** J. M. Brandner, P. Houdek, C. Scholz, I. Moll; Hamburg
- P205** **Characterization of human Merkel cells at various locations.** A. Eispert, J. M. Brandner, P. Houdek, E. Wladykowski, I. Moll; Hamburg
- P206** **St. aureus but not St. epidermidis induce downregulation of tight junction and adherens junction proteins during keratinocyte infection.** K. Kohrmeyer, U. Ohnemus, P. Houdek, S. Kief, M. Horstkotte, I. Moll, J. M. Brandner; Hamburg

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- P207**      **The focal contact protein kindlin-1 in skin and cutaneous cells: physiological expression and genetic deficiency.** C. Baer, U. Schlötzer-Schrehardt, L. Bruckner-Tuderman, C. Has; Freiburg
- P208**      **Expression and function of Glycine receptors in human epidermis.** D. Booken, C. Henrich, S. Goerdts, H. Kurzen; Mannheim
- P209**      **Histone deacetylase inhibitors may interfere with angiogenesis by decreasing endothelial VEGFR2 protein half-life.** M. Meissner, I. Hrgovic, M. Stein, R. Kaufmann, J. Gille; Frankfurt/Main
- P210**      **Uptake of CpG oligonucleotides in in vitro cultured HaCaT cells and in a full-thickness skin model.** A. Dorn, A. Bock, A. Bernd, J. Bereiter-Hahn, R. Kaufmann, S. Kippenberger; Frankfurt/Main
- P211**      **Research of drug effects on epidermal stem cells in vitro.** K. Rzepka, T. Klapperstück, M. Nagler, F. Steierhoffer, J. Wohlrab; Halle(Saale)
- P212**      **Fas signaling is not involved in imipramine-induced apoptosis in human melanoma cells.** T. Klapperstück, J. Wohlrab; Halle (Saale)
- P213**      **Overexpression of Manganese Superoxide Dismutase Enhances Contraction of a Human Dermal Fibroblast Cell Line in the Free Floating Collagen Lattice.** N. Treiber, T. Peters, A. Menke, S. Sulyok, A. F. Keist, C. Hinrichs, A. Sindrilaru, M. Wlaschek, K. Scharffetter-Kochanek; Ulm
- P214**      **Comparison of the N-methyl-D-aspartate-receptor antagonists MK-801 and AP5 in keratinocytes.** K. Waltermann, D. Glanz, F. Meiss, N. Meykadeh, P. Presek, M. Fischer; Halle(Saale)
- P215**      **Retinoid homeostasis in skin is dependent on expression of CYP26A1 that is restricted to basal keratinocytes in normal human skin.** R. Heise, M. Neis, J. Mey, S. Jousseen, Y. Marquardt, H. F. Merk, J. M. Baron; Aachen
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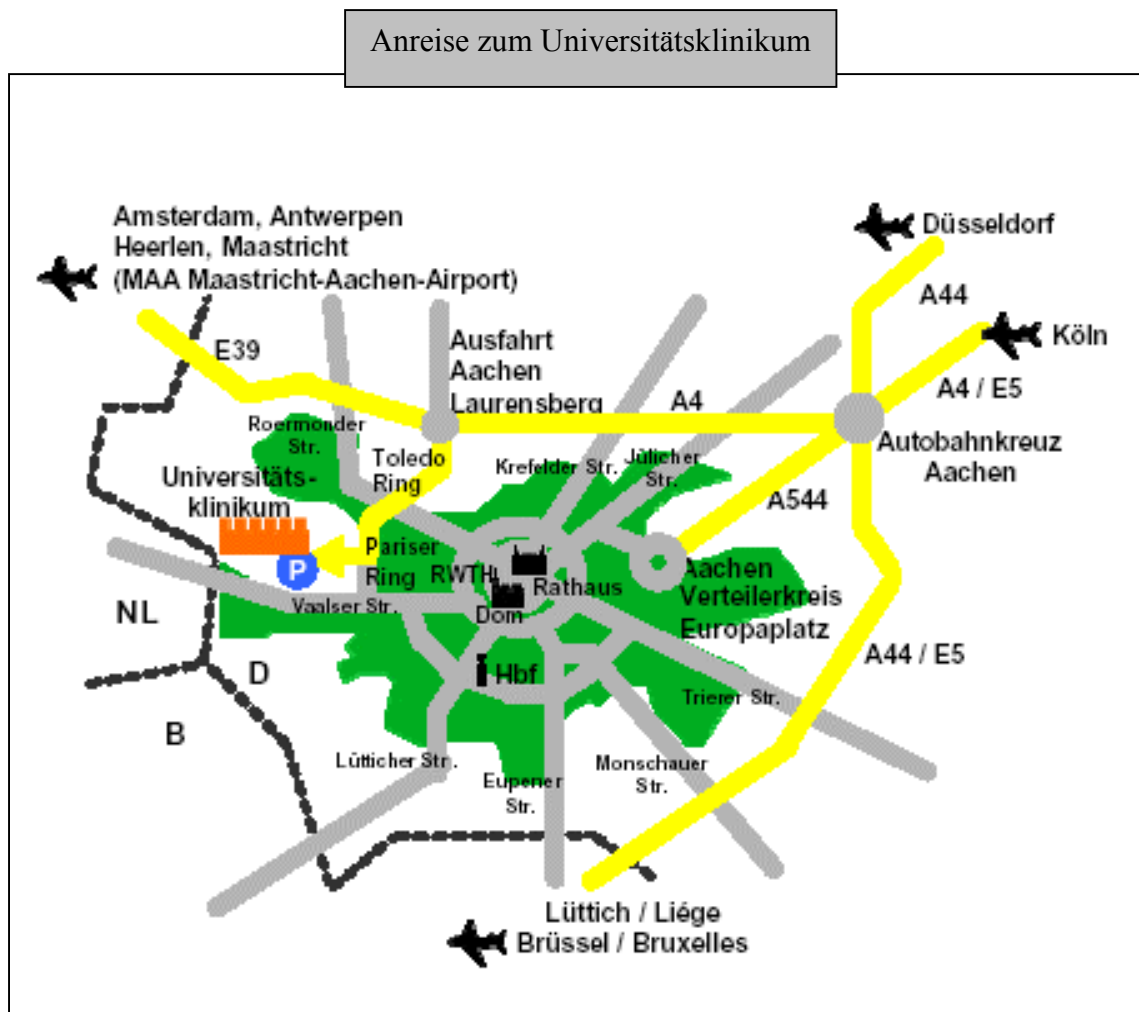
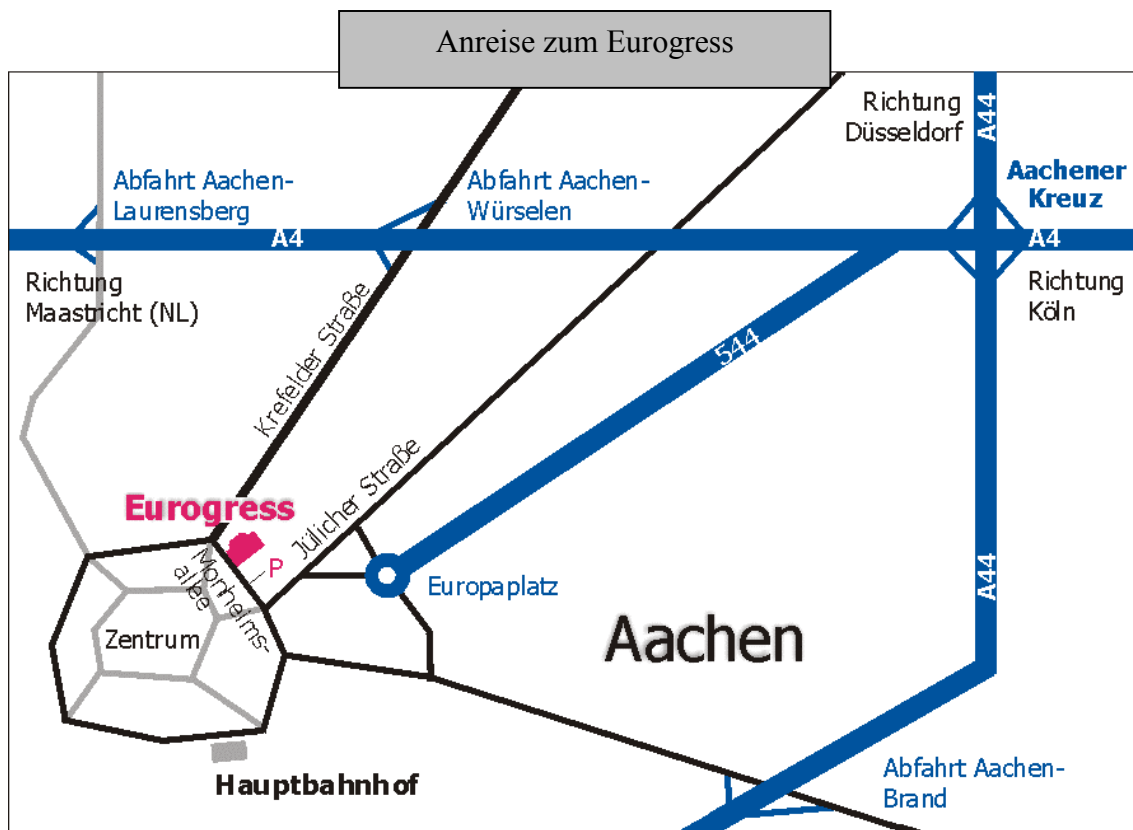
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**Tagungsort:  
Eurogress Aachen, Monheimsallee 48, D-52062 Aachen**



**Die Ausrichter der ADF Tagung (Aachen, 23.- 25. März 2006) danken folgenden Firmen für die großzügige Unterstützung der Tagung:**

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