



**XXXII. Jahrestagung  
der  
Arbeitsgemeinschaft  
Dermatologische Forschung**

in Zusammenarbeit mit der  
Deutschen Dermatologischen Gesellschaft

Kongresshaus Innsbruck  
Herzog-Otto-Ufer,  
A-6020 Innsbruck

3.– 5. März 2005  
Innsbruck

Donnerstag, 03. März 2005	Freitag, 04. März 2005	Samstag, 05. März 2005
	8:30 – 9:30 <b>Vorträge II (8-13)</b> J. Frank, M. Hertl	8:30 – 9:30 <b>Vorträge V (27-32)</b> M. Berneburg , N. Sepp
	9:30-10:30 <b>Posterwalks und Pause</b>	09:30 – 09:50 <b>Quo-Vadis Vortrag III</b> R. Dummer <i>Lymphompathogenese und -therapie – stehen wir still?</i>
	10:30 – 10:50 <b>Quo-Vadis Vortrag II</b> J. Baron <i>Mikroarraytechnologie: Langer Atem oder heiße Luft?</i>	9:50 – 10:45 <b>Postersession (gerade), Snacks</b> 10:45- 11:40 <b>Postersession (ungerade), Snacks</b>
	10:50 – 12:00 <b>Vorträge III (14-20)</b> M. Schön, S. Beissert	11:40 – 12:20 <b>Vorträge VI (33-36)</b> N. Romani, K. Asadullah
14:00 – 14:15 <b>Begrüßung</b> R. Paus, P. Fritsch	12:00 – 13:00 <b>Postersession (gerade), Snacks</b> 13:00- 14:00 <b>Postersession (ungerade), Snacks</b>	12:20-12:40 <b>Quo Vadis Vortrag IV</b> M. Maurer <i>Die Mastzelle als Universalgenie</i>
14:15 – 15:25 <b>Vorträge I (1-7)</b> P. Fritsch, E. Kämpgen	14.00 – 15:00 <b>Vorträge IV (21-26)</b> S. N. Wagner, J. Weiss	12:45 – 13:45 G. Wick <b>Gastvortrag</b> <i>Autoimmunität gegen Endothelzellen: von der Sklerodermie zur Atherosklerose</i>
15:30 – 15:50 <b>Quo-Vadis Vortrag I</b> J. Ring <i>Toleranzinduktion: Allergietherapie der Zukunft ?</i>	15:00– 15:30 <b>Verleihung der ADF Preise I</b> <b>Langerhans- / Macher - Preis</b> T. Luger, M. Röcken	13:45 – 14:15 <b>Poster-Highlights und Preisverleihung, Reisestipendien</b> M. Sticherling, C. Hauser
15:50 – 16:15 <b>Pause</b>	15:30 – 16:00 <b>Pause</b>	14:15 <b>Ende der Tagung</b>
16:15 – 19:45 <b>Workshop Wound Healing and Angiogenesis</b> C. Mauch, N. Sepp, R. Paus	16:00 – 16:40 J. Frank <b>Günter Goerz Vorlesung</b> D. Bickers <i>Photosensitivity –Today and Tomorrow</i>	
	16:40 – 17:00 <b>Verleihung der ADF Preise II</b> <b>ADF/ECARF-Award / Dermato-Onkologie-Preis</b> T. Zuberbier, S. N. Wagner	
	17:00 – 19:00 <b>Mitgliederversammlung</b>	
19:45 – 22:00 <b>Postersession und Welcome Reception</b>	19:30 <b>Gesellschaftsabend</b>	



**XXXII. Jahrestagung  
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Dermatologische Forschung**

in Zusammenarbeit mit der  
Deutschen Dermatologischen Gesellschaft

mit Unterstützung der Schering AG und der Intendis GmbH

03. - 05. März 2005  
Innsbruck

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

### **Tagungsort**

**Kongresshaus Innsbruck  
Herzog-Otto-Ufer,  
A-6020 Innsbruck**

#### **vor der Tagung**

**Kongress-Telefon: +43 (0)512-504-22966**

**Kongress-Telefax: +43 (0)512-504-22967**

#### **während der Tagung**

**Kongress-Telefon: +43 (0)512-5936-400**

**Kongress-Telefax: +43 (0)512-5936-450**

### **Verkehrsanbindung**

Das Kongresshaus ist vom Hauptbahnhof und von der Hautklinik aus zu Fuß gut erreichbar (**10 Minuten**). Eine direkte Anbindung mit öffentlichen Verkehrsmitteln besteht nicht.

(siehe auch Lageplan Seite 39 bzw. [www.innsbruck.info](http://www.innsbruck.info))

## Tagungsorganisation

### Lokale Organisatoren

**Peter Fritsch, Norbert Sepp, Christine Heufler-Tiefenthaler, Norbert Reider, Nikolaus Romani, Matthias Schmuth, Robert Zangerle, Bernhard Zelger, Alexis Sidoroff, Gerda Topar, Georg Weinlich**

Universitätsklinik für Dermatologie und Venerologie  
Anichstraße 35, A-6020 Innsbruck

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### Technische Organisation Hotel, Reise, Rahmenprogramm

Universitätsklinik für Dermatologie und Venerologie  
Anichstraße 35, A-6020 Innsbruck  
Tel.: +43 (0)512-504-22966 Fax: +43 (0)512-504-22967  
E-Mail: viktoriamigschitz@uklibk.ac.at

#### Hotelreservierung:

Innsbruck Reservierung  
Burggraben 3  
A-6020 Innsbruck  
Tel: +43-512-56 2000  
Fax: +43-512-56 2000-220  
E-Mail: hotel@innsbruck.info

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### Tagungsort

Kongresshaus Innsbruck  
Herzog-Otto-Ufer, A-6020 Innsbruck

**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, 03.03.2005	11:00 – 20:00 Uhr
Freitag, 04.03.2005	08:00 – 18:00 Uhr
Samstag, 05.03.2005	08:00 – 14.30 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** *Erstmalig sind auch alle Vorträge 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, 02. März 2005 im Klinikum:**

AG Dermato-Endokrinologie 10:00 – 18:30 Uhr, Hörsaal Hautklinik  
AG Genomics und Proteomics 14:30 – 18:00 Uhr, Hörsaal 8, Frauen-Kopfclinik

Treffen am **Donnerstag, 03. März 2005 im Klinikum:**

AG Autoimmun-bullöse Dermatosen 10:00 – 13:00 Uhr, Hörsaal Hautklinik  
AG Analytische Morphologie 12:00 – 13:30 Uhr, Hörsaal 4, Medizinzentrum Anichstraße  
AG Dermatologische Genetik. 10:00 – 13:15 Uhr, Hörsaal 1, Frauen-Kopfclinik  
AG Dermale Endothelzellen 09:00 – 11:00 Uhr, Seminarraum Hautklinik  
AG Kutane Lymphome 11:30 – 13:30 Uhr, Hörsaal 4, Frauen- Kopfclinik  
AG Mastzellen und Basophile 13:00 – 13:50 Uhr, Raum Igls, Kongresshaus  
AG Molekulare Zellbiologie 11:00 – 13:00 Uhr Seminarraum 2, Frauen-Kopfclinik  
AG Psoriasis 12:00 – 13:30 Uhr, Seminarraum Hautklinik

(Die genaue Lage der Gebäude ist aus dem Plan des Klinikum (S. 39) ersichtlich)

**Die Programme der AG-Treffen sowie weitere Details (Leitung, Kontaktadresse, etc.) sowie Treffen weiterer AGs finden Sie auf der ADF-Homepage ([www.adf-online.de](http://www.adf-online.de)).**

## Zur XXXII. Tagung der Arbeitsgemeinschaft Dermatologische Forschung

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*Liebe Kolleginnen und Kollegen, liebe Freunde:*

in diesem Jahr sind 286 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.

Zum zweitenmal vergeben wir den Egon-Macher-Preis und den Paul-Langerhans-Preis der ADF sowie sechs attraktiv dotierte Posterpreise. Hinzukommen zwei neue Preise: der Dermato-Onkologie-Preis und der Allergologie-Preis. Den dabei mit der ADF kooperierenden Stiftungen (Egner-Stiftung, ECARF) und allen Förderern gilt unser herzlichster Dank.

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

Die von der Posterkommission ausgewählten besten Poster werden am Ende der Tagung präsentiert, wobei von allen Preisträgern eine Kurzdarstellung der prämierten Arbeit (max. 90 Sekunden) erwartet wird. Als zusätzliche Maßnahme zur Nachwuchsförderung werden erstmalig sechs weitere Poster mit einem Reisestipendium für die ADF-Tagung 2006 ausgezeichnet.

„Wundheilung und Angiogenese“ sind die Themen unseres diesjährigen Workshops (Organisation: C. Mauch, N. Sepp, R. Paus). Weitere Highlights der Tagung sind natürlich die Günter-Goerz-Gedächtnisvorlesung (David Bickers, New York) und der Wissenschaftliche Gastvortrag (Georg Wick, Innsbruck).

Die lokalen Organisatoren und der ADF-Vorstand freuen sich mit Ihnen/Euch auf unsere Jahrestagung in Innsbruck!

*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 2005, den Mitgliedern der Posterkommissionen und allen Posterwalkern.

### **Experten für die Abstractbegutachtung**

Jens Baron, Aachen

Joachim Bartels, Kiel

Stefan Beissert, Münster

Mark Berneburg, Tübingen

Andreas Eggert, Würzburg

Karin Hartmann, Köln

Helmut Jonuleit, Mainz

Manfred Kunz, Rostock

Rudolf Rupec, München

Michael Schön, Würzburg

Erwin Schultz, Erlangen

Maria Sibilica, Wien

Michael Sticherling, Leipzig

Thomas Tüting, Bonn

Esther v. Stebut, Mainz

Johannes Weiss, Ulm

Meinhard Wlaschek, Ulm

Christos Zouboulis, Berlin

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

M. Sticherling, Leipzig

M. Schmuth, Innsbruck

B. Homey, Düsseldorf

E. v. Stebut, Mainz

C. Sunderkötter, Ulm

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

C. Hauser, Genf

M. Sibilica, Wien

M. Maurer, Berlin

M. Berneburg, Tübingen

S. Beissert, Münster

### **Posterwalks**

**Während der Postersessions finden Posterwalks zu folgenden Themen statt:**

**Allergologie (C. Neumann)**

**Bullöse Dermatosen (L. Bruckner-Tuderman)**

**Immunregulation (A. Enk)**

**Photobiologie (K. Scharffetter-Kochanek)**

**Psoriasis (M. Schön)**

**Tumorbiologie (D. Schadendorf)**

**Zellbiologie (S. Eming)**

**Tumorthherapie/Dendritische Zellen (S. Grabbe)**

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



Donnerstag, 03. März 2005

**12.30 - 13.45 Anbringen der Poster und Registrierung**

**14.00 - 14.10 BEGRÜSSUNG**  
**R. Paus, P. Fritsch**

**14.15 – 15.25 Vorträge I**  
**Vorsitz: P. Fritsch, E. Kämpgen**

- V01 14:15 Unsettling news: Indigestion medications promote type I allergy to food proteins;** E. Jensen-Jarolim, E. Untersmayr, I. Schöll, N. Bakos, A. Riemer, M. Kundi, K. Szalai, H. Ankersmit, O. Scheiner, G. Boltz-Nitulescu; Wien, Szolnok
- V02 14:25 Dendritic cells phagocytose *L. major* parasites via Fc gammaRI (CD64) and FcγRIII (CD16);** S. Lopez Kostka, S. Verbeek, C. Sunderkoetter, J. Knop, E. von Stebut; Mainz, Ulm, Leiden
- V03 14:35 Prediction of disease progression in melanoma by serum proteomic profiling;** S. Ugurel, S. Mian, E. Parkinson, I. Schlenzka, G. Ball, C. Creaser, R. Rees, D. Schadendorf, Mannheim, Nottingham
- V04 14:45 siehe P251**
- V05 14:55 An important role of CD80/CD86-CTLA-4 signaling during photocarcinogenesis;** K. Loser, J. Apelt, A. Sharpe, J. Bluestone, S. Beissert; Muenster, Boston, San Francisco
- V06 15:05 Activated CD4+CD25+ T cells suppress antigen specific CD4+ and CD8+ T cells but induce a suppressive phenotype only in CD4+ T cells;** D. Dieckmann, H. Plöttner, S. Dotterweich, G. Schuler; Erlangen
- V07 15:15 G Protein Beta 3 Subunit Gene TT Genotype is A Novel Genetic Risk Factor For Accelerated Progression to AIDS,** N. Brockmeyer, S. Staszewski, J. Rockstroh, A. Potthoff, S. Esser, K. Jöckel, B. Jennings, W. Siffert; Bochum, Frankfurt, Bonn, Essen

**15.30 – 15.50 *Quo Vadis Vortrag I***

J. Ring, München

*Toleranzinduktion: Allergietherapie der Zukunft?*

**15.50 - 16.15 PAUSE**

Donnerstag, 03. März 2005

**16.15 – 19.45 WORKSHOP**

**Wound Healing and Angiogenesis**

**Organisation:** C. Mauch, N. Sepp, R. Paus

**Moderation:** C. Mauch (Cologne), R. Paus (Hamburg)

16.15-16.20 C. Mauch, Cologne  
**Introductory remarks**

16.20-16.55 S. Werner, Zürich  
**Activin: A crucial regulator of skin morphogenesis and wound healing**

16.55-17.30 N. Fusenig, Heidelberg  
**Epithel-stroma interaction during epidermal regeneration**

17.30-17.50 N. Sepp, Innsbruck  
**Hemangiomas and vascular malformations in the skin: molecular pathogenesis and anti-angiogenesis strategies**

17.50-18.10 - *Coffee break* -

18.10-18.45 K. Alitalo, Helsinki  
**Angiogenesis vs. lymphangiogenesis in development and diseases**

18.45-19.20 M. Detmar, Boston/Zürich  
**Lymphangiogenesis in skin cancer progression and inflammation**

19.20-19.40 J. Gille, Frankfurt  
**Critical review of antiangiogenic strategies in tumors: from angiostatin to metronomic low dose chemotherapy**

19.40-19.45 R. Paus, Hamburg  
**Closing remarks**

**19:45 - 22.00 POSTERSESSION UND WELCOME-RECEPTION**  
bei Snacks und Getränken

Freitag, 04. März 2005

**08.30 - 09.30 Vorträge II**

**Vorsitz: J. Frank, M. Hertl**

- V08 08:30 **Intranasal instillation of antigen loaded DC induces rapid and long lasting antigen specific immune response and non responsiveness to aerosol challenge;** J. Gutermuth, M. O'Keefe, F. Alessandrini, B. Schlatter, C. Traidl-Hoffmann, J. Ring, H. Behrendt, T. Jakob, H. Hochrein; Munich
- V09 08:40 **SKIN-HET-CAM: An in-vivo absorption model, using perfused, living human skin;** M. Nagler, F. Steierhoffer, T. Klapperstück, K. Rzepka, J. Wohlrab; Halle/Saale
- V10 08:50 **Ephrin-B2 signaling and integrin-1 interaction is linked to Lubrol-RAFT compartmentalization in B16 melanoma cells;** S. Meyer, E. Orso, B. Becker, M. Landthaler, T. Vogt; Regensburg
- V11 09:00 **Inhibition of epidermal acetylcholine receptors severely disrupts epidermal homeostasis;** D. Booken, C. Henrich, N. Maas-Szabowski, M. Engstner, H. Kurzen; Mannheim, Heidelberg
- V12 09:10 **Mice deficient for the Lymphotoxin Beta Receptor (LTR KO mice) are susceptible to L. major infection;** J. Ehrchen, J. Roth, G. Varga, E. Nattkemper, C. Sorg, C. Sunderkötter, T. Kucharzik, T. Spahn; Münster, Ulm
- V13 09:20 **The HLA - haplotype determines TH1 and TH2 responses in melanoma patients;** B. Thurner, I. Händle, K. Gebhard, M. Lüftl, T. Berger, E. Schultz, E. Kämpgen, G. Schuler; Erlangen

**09.30 - 10.30 Posterwalks und P A U S E**

<b>Allergologie:</b>	<b>C. Neumann</b>
<b>Bullöse Dermatosen:</b>	<b>L. Bruckner-Tudeman</b>
<b>Immunregulation:</b>	<b>A. Enk</b>
<b>Photobiologie:</b>	<b>K. Scharffetter-Kochanek</b>
<b>Psoriasis:</b>	<b>M. Schön</b>
<b>Tumorbiologie:</b>	<b>D. Schadendorf</b>
<b>Tumortherapie/Dendritische Zellen:</b>	<b>S. Grabbe</b>
<b>Zellbiologie:</b>	<b>S. Eming</b>

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 - 10.50 *Quo Vadis Vortrag II***

J. Baron, Aachen

***Mikroarraytechnologie: Langer Atem oder heiße Luft?***

Freitag, 04. März 2005

**10.50 - 12.00 Vorträge III**

**Vorsitz: M. Schön, S. Beisert**

- V14 10:50 Tolerance to contact allergens is mediated via TNF $\alpha$ -receptor-2 signaling in CD8<sup>+</sup> effector T cells of contact hypersensitivity.** W. Seidel-Guyenot, M. Maurer, R. Alt, M. Metz, J. Knop, K. Steinbrink; Mainz, Berlin, Stanford.
- V15 11:00 Psoralen plus UVA (PUVA)-induced premature senescence in primary human dermal fibroblasts is mediated by Ataxia teleangiectasia mutated and Rad3-related kinase (ATR);** M. Grosse Hovest, N. Brüggelolte, K. Shah-Hosseini, T. Krieg, G. Herrmann; Köln
- V16 11:10 Interaction of High-Invasive Melanoma Cells with Native Collagen I via 1 Integrin Regulates the Activity of Extracellular Cathepsin B;** A. Klose, A. Wilbrand-Hennes, P. Zigrino, E. Weber, T. Krieg, C. Mauch, N. Hunzelmann; Cologne, Halle/Saale
- V17 11:20 Overexpression of a putative ubiquitin c-hydrolase identified by subtractive hybridization in PUVA-senesced fibroblasts results in a senescence-like phenotype;** Y. Chen, M. Wlaschek, C. Hinrichs, W. Ma, N. Gall, K. Scharffetter-Kochanek; Ulm
- V18 11:30 Differential regulation of T cell responses and innate immune responses by T cell-derived interleukin-10;** A. Roers, L. Siewe, E. Strittmatter, M. Deckert, D. Schlüter, W. Stenzel, A. Gruber, T. Krieg, K. Rajewsky, W. Müller; Cologne, Magdeburg, Hannover, Boston, Braunschweig
- V19 11:40 Beta2 integrins define the destination of circulating naïve lymphocytes in secondary lymphoid and non-lymphoid organs;** T. Oreshkova, D. Kess, H. Wang, K. Scharffetter-Kochanek, T. Peters; Ulm
- V20 11:50 Nej2: Novel telomere-associated proteins with inhibitory functions on DNA double-strand break repair;** G. Herrmann, K. Shah-Hosseini, S. Kais, N. Brüggelolte, M. Grosse Hovest, P. Schär; Köln, Basel

**12.00 - 13.00 POSTERSESSION (alle geraden Posternummern)**

Snacks und Getränke am Poster

**13.00 - 14.00 POSTERSESSION (alle ungeraden Posternummern)**

Snacks und Getränke am Poster

**14.00 – 15.00 Vorträge IV**

**Vorsitz: S. N. Wagner / J. Weiss**

- V21 14:00 Identification of susceptibility loci for the psoriasiform skin disease in a murine psoriasis model;** D. Kess, A. Lindqvist, H. Wang, T. Peters, R. Holmdahl, K. Scharffetter-Kochanek; Ulm, Cologne, Lund
- V22 14:10 Development of an active disease model for epidermolysis bullosa acquisita in mice;** C. Sitaru, M. Chiriac, S. Mihai, A. Ishiko, D. Zillikens; Lübeck, Tokyo

## WISSENSCHAFTLICHES PROGRAMM

**Freitag, 04. März 2005**

- V23 14:20 Solar UVA radiation-induced signaling involves a ceramide-mediated autocrine loop leading to ceramide de novo synthesis;** S. Grether-Beck, A. Timmer, D. Brammertz, M. Salahshour-Fard, H. Brenden, I. Felsner, J. Krutmann; Düsseldorf
- V24 14:30 Induction of apoptosis in human melanoma cells by the proapoptotic Bcl-2-related protein Bik/NBK;** M. Oppermann, C. Geilen, L. Fecker, B. Gillissen, P. Daniel, J. Eberle; Berlin
- V25 14:40 Investigation of selectin-blocking heparins as promising anti-inflammatory agents;** J. Fritzsche, S. Alban, R. Ludwig, G. Schuhmacher, W. Boehncke, G. Bendas; Bonn, Kiel, Frankfurt
- V26 14:50 The shedding of collagen XVII/BP 180 depends on plasma membrane microenvironment.;** E. Zimina, L. Bruckner-Tuderman, C. Franzke; Freiburg

### **15.00 - 15.30 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*

### **15.30 - 16.00 P A U S E**

### **16.00 – 16.40 GÜNTER GOERZ VORLESUNG**

**D. Bickers, New York**

*„Photosensitivity – Today and Tomorrow“*

Einführung: J. Frank

### **16.40 - 17.00 Verleihung der ADF-Preise II\***

**Vorsitz: T. Zuberbier / S.N. Wagner**

**ADF/ECARF-Award for European Allergy Research**

**Dermato-Onkologie Preis der ADF**

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

## WISSENSCHAFTLICHES PROGRAMM

**Freitag, 04. März 2005**

**17.00 - 19.00 Mitgliederversammlung**  
(Tagesordnung siehe ADF-Homepage, [www.adf-online.de](http://www.adf-online.de))

**19:30 - 23.00 Gesellschaftsabend**  
**Hotel Grauer Bär**  
**Universitätsstraße 5-7 (Nähe Kongresshaus Innsbruck)**

Samstag, 05. März 2005

**08.30 - 09.30 Vorträge V**

**Vorsitz: M. Berneburg, N. Sepp**

- V27 08:30 **A failing rescue mechanism in somatically mutated Patched Gene is associated with Gorlin-Syndrome.** M. Laimer, H. Hintner, J. Bauer, K. Oender; Salzburg
- V28 08:40 **Mast cell-deficient and neurokinin-1 receptor knockout mice are protected from stress-induced hair growth inhibition.** P. Arck, B. Handjiski, A. Kuhlmei, E. Peters, S. Hunt, B. Klapp, R. Paus; Berlin, London, Hamburg
- V29 08:50 **Microtubule-targeted drugs inhibit endothelial VEGF receptor-2 expression.** M. Meissner, M. Stein, A. Pinter, N. Kaprolat, K. Spieth, R. Kaufmann, J. Gille; Frankfurt am Main
- V30 09:00 **Proteinase-activated receptor-2 (PAR-2) prevents epidermal skin tumorigenesis.** A. Rattenholl, S. Seeliger, J. Buddenkotte, A. Grevelhörster, S. Pereira, M. Steinhoff; Münster
- V31 09:10 **In vivo suppression of regulatory T cells by adenovirus mediated transduction of dendritic cells.** K. Mahnke, J. Brück, Y. Qian, A. Enk; Heidelberg, Mainz
- V32 09:20 zurückgezogen

**09.30 - 09.50 Quo Vadis Vortrag III**

R. Dummer, Zürich

*Lymphompathogenese und -therapie – Stehen wir still?*

**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 - 12.20 Vorträge VI**

**Vorsitz: N. Romani, K. Asadullah**

- V33 11:40 **CD28-mediated costimulation impacts on differentiation of DC-vaccination induced T cell responses;** H. Voigt, A. Eggert, D. Schrama, C. Vetter, K. Müller-Blech, F. Lühder, J. Becker; Würzburg, Göttingen
- V34 11:50 **T-cell selection in tonsils of psoriasis patients;** J. Prinz, S. Vollmer, L. Diluvio; Munich
- V35 12:00 **FOXP3 expression is directly linked to the regulatory function of human Desmoglein 3 (dsg3)-specific T regulatory 1 (tr1) cells.** C. Veldman, A. Pahl, S. Beissert, D. Dieckmann, G. Schuler, M. Hertl; Marburg, Erlangen, Münster

## WISSENSCHAFTLICHES PROGRAMM

**Samstag, 05. März 2005**

**V36 12:10** A role for Rac1 in epidermal wound healing in vivo; M. Tschardtke, R. Pofahl, N. Smyth, T. Krieg, I. Haase; Cologne

**12.20 – 12.40** *Quo Vadis Vortrag IV*

M. Maurer, Berlin

*Die Mastzelle als Universalgenie*

**12.45 - 13.45** **GASTVORTRAG**

G. Wick, Innsbruck

*„Autoimmunität gegen Endothelzellen: von der Sklerodermie zur Atherosklerose“*

Einführung: C. Mauch

**13.45 – 14.15** **POSTERPRÄSENTATION**

Trends and Poster-Highlights

**Verleihung der Posterpreise \* und Reisestipendien  
für die ADF-Tagung 2006**

*\* Die ADF dankt für die Unterstützung durch HERMAL.*

**14:15 Uhr** **Danksagungen, Verabschiedung, Ende der Tagung**



**POSTERSESSIONS**

<b>alle Posternummern:</b>	<b>Donnerstag, 03.03.2005</b>	<b>19.45 – 22.00 Uhr</b>
<b>gerade Posternummern</b>	<b>Freitag, 04.03.2005</b>	<b>12.00 – 13.00 Uhr</b>
	<b>Samstag, 05.03.2005</b>	<b>09.50 – 10.45Uhr</b>
<b>ungerade Posternummern:</b>	<b>Freitag, 04.03.2005</b>	<b>13.00 – 14.00 Uhr</b>
	<b>Samstag, 05.03.2005</b>	<b>10:45 – 11.40 Uhr</b>

**Allergologie**

- P001** Fluoroquinolone-associated anaphylaxis in spontaneous ADR reports. B. Sachs, S. Erdmann, S. Riegel, D. Schichler, H. Merk, J. Beckmann, A. Barger; Aachen
- P002** Expression and function of CXCR1 and CXCR2 in human Langerhans cells. U. Lippert, M. Peiser, K. Zachmann, D. M. Ferrari, B. M. Henz, M. Knosalla, P. Middel, C. Neumann; Göttingen
- P003** Inhibition of human IgE production by Allergen-DNA transfected dendritic cells. B. König, I. Bellinghausen, I. Böttcher, A. Petersen, W. Becker, J. Knop, J. Saloga; Mainz
- P004** Sensitization through the skin leads to Th2 dominated antigen specific immunity and dermatitis. S. Kaesler, M. Werner, T. Volz, C. Grimmel, M. Röcken, T. Biedermann; Tübingen
- P005** Modified basophil degranulation test in drug allergy. A. Thölke, T. Nebe, S. Marin Contreras, C. Bayerl; Mannheim
- P006** Low doses of contact allergens induce systemic tolerance mediated by hapten-specific regulatory CD8+ T cells independent of the route of application. N. Dechant, W. Seidel-Guyenot, S. Perschon, R. Alt, J. Knop, K. Steinbrink; Mainz
- P007** Local intranasal allergen specific immunotherapy efficiently inhibits allergic airway inflammation and induces regulatory T-cells in a murine asthma model. T. Gogishvili, G. Wohlleben, K. Erb, E. B. Bröcker, S. M. Grunewald; Würzburg
- P008** Glycan-associated epitope sharing of insect venom and natural rubber latex allergens. U. Jappe, M. Hoffmann, G. Burow, A. Enk; Heidelberg
- P009** Identification of two homologous IgE-binding peptides derived from staphylococcal enterotoxin B (SEB) and from the human low-affinity IgE-receptor (CD23) which modulate T-helper 1 and T-helper 2 cytokine production. K. Neuber, A. Mensch, N. Grabe, H. Renz, U. Herz; Hamburg
- P010** Induced Eotaxin mRNA-Expression in Atopic Dermatitis-Derived Cultured Dermal Fibroblasts Indicates Enhanced Fibroblast Responsiveness to IL-4. N. Gahr, R. Fölster-Holst, E. Christophers, J. Schröder, J. Bartels; Kiel
- P011** Proteomic analysis of differentially expressed proteins in urban and rural birch pollen grains. M. Thiel, O. Drews, A. Köpf, H. Behrendt, A. Görg, C. Traidl-Hoffmann; Munich
- P012** The IgE-bearing B-cell receptor repertoire of atopic individuals shows unbiased VH-usage but patient-specific clonal expansions regardless of serum IgE levels. M. Mempel, A. Gauger, C. Schnopp, J. Ring, M. Ollert, P. Kourilsky, A. Lim; München
- P013** M-DC8+ dendritic cells as principal producers of interleukin 12 and their control by erythrocytes. K. Schäkel, M. von Kietzell, A. Ebling, L. Schulze, M. Meurer, E. P. Rieber; Dresden

## WISSENSCHAFTLICHES PROGRAMM

- P014** **Strain-dependent differences in inflammatory skin infiltrates during sensitization with contact allergens.** P. Caucig, K. Steinbrink, J. Knop, E. von Stebut; Mainz
- P015** **Chemokine Responses Distinguish Chemical-Induced Allergic From Irritant Skin Inflammation.** F. Winterberg, A. I. Lauerma, M. Koivoluta, A. Müller, M. Gombert, R. Kubitz, H. Soto, T. Ruzicka, A. Zlotnik, B. Homey; Düsseldorf
- P016** **CCL18, an atopic dermatitis associated and dendritic cell-derived chemokine, is regulated by staphylococcal products and allergen exposure.** A. Pivarcsi, M. Gombert, M. C. Dieu-Nosjean, A. Lauerma, R. Kubitz, S. Meller, A. Müller, J. Rieker, L. Da Cunha, E. Sonkoly, W. H. Fridman, H. Alenius, L. Kemeny, T. Ruzicka, A. Zlotnik, B. Homey; Düsseldorf
- P017** **Stress and experimental allergic dermatitis elicit differential c-Fos immunoreactivity patterns in the hypothalamus of the mouse.** M. Danilchenko, A. de Vries, P. Muschansky, P. Kobelt, P. C. Arck, B. F. Klapp, E. M. Peters; Berlin
- P018** **Pollen provide a signal for human dendritic cells to modulate their chemokine and chemokinereceptor expression.** V. Mariani, T. Jakob, J. Ring, H. Behrendt, C. Traidl-Hoffmann; Munich
- P019** **A new secretory organelle in human lymphocytes is involved in the pathophysiology of the atopy syndrome: Identification, isolation and characterization of RANTES-granules.** A. Ambach, A. Weren, J. Fang, R. Hartig, B. Bonnekoh, W. König, B. Schraven, B. König, H. Gollnick; Magdeburg
- P020** **Expression and function of TNF receptors on human basophils.** L. M. Preußner, H. Altunok, B. S. Fiebig, K. Hartmann; Cologne
- P021** **Ex vivo isolation and characterization of CD4+CD25+ regulatory T-cells during specific immunotherapy in IgE-mediated allergy against inhalant allergens.** Maronna, D. Dieckmann, V. Mahler; Erlangen
- P022** **Novel glove-derived proteins induce allergen-specific IgE in a mouse model.** M. Busch, C. Schröder, J. Baron, V. Mahler; Erlangen
- P023** **Expression and purification in different expression systems of a high molecular birch pollen allergen showing pectinesterase activity.** R. Kammermeier, A. Wüst, V. Mahler; Erlangen
- P024** **Reduced response to IgE-dependent allergic reactions in IL-4 deficient mice.** M. Maurer, V. Lammel, F. Siebenhaar; Berlin
- P025** **Expression of RANKL, OPG, and RANK in Human Mast Cells and Bone Marrow of Patients with Mastocytosis.** A. Gerbaulet, S. E. Baldus, K. Hartmann; Cologne
- P026** **De Novo induction and Recruitment of Allergen-Specific Effector CD8+ T Cells in a Murine Model of IgE-Mediated Allergy and Airway Inflammation.** J. A. Aguilar, K. Huster, F. Alessandrini, J. Gutermuth, T. Jakob, H. Behrendt, J. Ring, D. Busch, M. Mempel, M. Ollert; München
- P027** **The basophil activation test based on CD63 expression in patients with immediate-type reactions to betalactam antibiotics.** S. Ventocilla, S. Erdmann, S. Moll-Slodowy, H. F. Merk; Aachen
- P028** **The CD63 based basophil activation test in patients with immediate type reactions to NSAID.** S. Erdmann, I. Sauer, S. Moll-Slodowy, H. F. Merk; Aachen
- P029** **A Murine Model to Study the T Helper Cell Polarizing Capacity of Pollen-associated Lipid Mediators (PALMs) during Primary Sensitization In Vivo.** J. Gutermuth, C. Traidl-Hoffmann, J. Ring, H. Behrendt, T. Jakob; München-Neuherberg

## Andere

- P030** **Selective photothermolysis of blood vessels following FPDL-treatment in vivo.** P. Babilas, G. Shafirstein, W. Bäuml, M. Landthaler, R. Szeimies, C. Abels; Regensburg

## WISSENSCHAFTLICHES PROGRAMM

- P031** A safe and efficient dominant-negative HSV-1 viral vector for gene delivery in vitro and in vivo. D. Höller Obrigkeit, C. Theopold, F. Yao; Aachen
- P032** Correlation between pro-inflammatory cytokines and concentration of IgA antibodies of chlamydia trachomatis in seminal plasma of men. U. C. Hipler, I. Richter, G. Schreiber; Jena
- P033** Pharmacological manipulation of the nude phenotype: Cyclosporin A partially compensates for non-functional Foxn1 via modulation of hair matrix and dermal papilla functions. B. Tychsen, T. Biro, L. Mecklenburg, F. Conrad, E. Bodo, H. Kobayashi, A. Telek, S. Liotiri, R. Paus; Hamburg
- P034** Role of sensory nerves and mast cells in cutaneous inflammation induced by the vanilloid receptor ligand capsaicin. F. Siebenhaar, M. Maurer; Berlin
- P035** A novel "microsphere" in vitro-assay system for the imitation and pharmacological manipulation of basic epithelial-mesenchymal interactions in the human hair follicle. B. Havlickova, T. Biro, A. Mescalchin, A. Bettermann, R. Paus; Hamburg
- P036** Systembiologisches Modell zur computerbasierten Simulation dynamischer Prozesse in der Epidermis. N. Grabe, K. Neuber; Hamburg
- P037** Translational research from Dermatology to Cardiology: Characterization of a novel anti-inflammatory peptide. P. Petzelbauer, P. Zacharowski, Y. Miyazaki, P. Friedl, G. Wickenhauser, F. Castellino, M. Gröger, K. Wolff, K. Zacharowski; Vienna
- P038** Hyperthermia inhibits proliferation, promotes apoptosis and attenuates mediator release in mast cells. D. Yilma, S. Guhl, T. Zuberbier, M. Artuc, H. Piazena; Berlin
- P039** Expression-pattern of mast cell phenotypes in cutaneous tumours. A. Husky, S. Guhl, T. Zuberbier, M. Artuc; Berlin
- P040** IL-22 increases the innate immunity of the skin. K. Wolk, S. Kunz, E. Witte, M. Friedrich, K. Asadullah, R. Sabat; Berlin
- P041** Is there an interaction between interleukin-10 and interleukin-22, two cytokines important for skin homeostasis? K. Wolk, E. Witte, U. Reineke, K. Witte, M. Friedrich, W. Sterry, K. Asadullah, H. Volk, R. Sabat; Berlin
- P042** IL-19, IL-20, IL-22, IL-24 and IL-26: are they interleukins? K. Wolk, S. Kunz, W. Sterry, H. Volk, K. Asadullah, R. Sabat; Berlin
- P043** Expression of melanoma associated human endogenous retrovirus is stimulated by ultraviolet radiation. O. Schanab, J. Humer, A. Grassauer, A. Waltenberger, H. Pehamberger, K. Wolff, T. Muster; Wien
- P044** The expression of Nerve Growth Factor and its precursor proNGF together with their high affinity receptors TrkA and p75 respectively suggest distinct growth factor properties in defined epithelial compartments of the murine skin. E. M. Peters, V. Botchkarev, S. Mueller-Roever, G. Goelz, B. F. Klapp, P. C. Arck, R. Paus; Berlin
- P045** The Endogenous Angiogenesis Inhibitor Thrombospondin 1 is an Anti-inflammatory Agent in Allergic Contact Dermatitis. P. Velasco, R. Huegel, E. Christophers, J. Schroder, T. Schwarz, J. Lawler, M. Detmar, B. Lange-Asschenfeldt; Kiel
- P046** The Angiogenesis Inhibitor Vasostatin Suppresses the Effector Phase of Allergic Contact Dermatitis. R. Huegel, P. Velasco, L. Sierra, M. Weichenthal, E. Christophers, J. Schroder, T. Schwarz, G. Tosato, B. Lange-Asschenfeldt; Kiel
- P047** Keratin5-Cre/LoxP mediated deletion of Vascular Endothelial Growth Factor reduces overall fertility of female mice and compromises mammary gland function by reducing vascularisation during pregnancy and lactation. H. Rossiter, C. Barresi, M. Ghannadan, M. Mildner, E. F. Wagner, E. Tschachler; Vienna

## WISSENSCHAFTLICHES PROGRAMM

- P048** **Melanin contamination in DNA/RNA preparations from melanoma samples inhibits PCR: how to get rid of it!** J. Dörrie, N. Schaft, G. Schuler, E. Kämpgen; Erlangen
- P049** **Myeloid dendritic cell precursors generated from bone marrow suppress T cell responses via cell contact and nitric oxide production.** S. Rössner, C. Wieth, J. Hänig, C. Seifarth, M. B. Lutz; Erlangen

### Angiologie

- P050** **Effect of the dual endothelin receptor antagonist Bosentan in patients with severe secondary Raynaud's syndrome.** N. Selenko-Gebauer, G. Stingl, F. Karlhofer; Wien
- P051** **Inhibitory effects of dimethylfumarate on angiogenesis in vitro.** R. Heidenreich, A. Ziegler, K. Bieber, M. Röcken, K. Ghoreschi; Tuebingen

### Dermatopathologie

- P052** **TTGE is most appropriate for PCR diagnosis of cutaneous T-cell lymphoma.** H. Mohme, A. Kremer, R. Stadler; Minden
- P053** **Scarring skin lesions of discoid lupus erythematosus are characterized by high numbers of granzyme B positive lymphocytes associated with strong expression of the type I interferon induced protein MxA.** J. Wenzel, M. Uerlich, E. Wörrenkämper, S. Freutel, T. Bieber, T. Tüting; Bonn
- P054** **Enhanced type I interferon signaling and recruitment of chemokine receptor CXCR3 expressing lymphocytes into the skin following treatment with the TLR7-agonist imiquimod.** J. Wenzel, M. Uerlich, O. Haller, T. Bieber, T. Tüting; Bonn
- P055** **TNF and IL-1-independent Hyperproliferation, Reduced Differentiation and Compromised Innate Immunity in Pseudomonas Aeruginosa Stimulated Epidermal Cells.** R. Panzer, M. Schunck, R. Häsler, E. Proksch, J. Jensen; Kiel
- P056** **Differential expression of the lymphatic marker podoplanin in human squamous cell carcinomas and basal cell carcinomas.** V. Schacht, S. S. Dadras, B. Kremer, L. Bruckner-Tuderman, M. Detmar; Freiburg

### Genetik

- P057** **No association between three xeroderma pigmentosum group C and one group G gene polymorphisms and risk of cutaneous melanoma.** S. Blankenburg, I. R. König, R. Moessner, P. Laspe, K. Thoms, U. Krueger, S. G. Khan, G. Westphal, M. Volkenandt, C. Neumann, A. Ziegler, K. H. Kraemer, K. Reich, S. Emmert; Goettingen
- P058** **Haplotype sharing analysis identifies a retroviral dUTPase as candidate susceptibility gene for psoriasis.** J. Foerster, I. Nolte, J. Junge, M. Bruinenberg, S. Schweiger, G. van der Steege, E. Barby, J. Molès, M. Ständer, W. Sterry, G. te Meerman; Berlin
- P059** **Expression Profiling: A new Way in Skin Diagnostics?** B. Peters, M. Birth, B. Schaffrath, K. Hofmann, C. Mauch, J. Baron, J. Wenzel, T. Krieg, H. Merk, T. Bieber, A. Bosio; Cologne
- P060** **Molecular characterization of the first two cases of hepatoerythropoietic porphyria in Germany - revision of two previous diagnoses.** T. Wiederholt, P. Poblete-Gutiérrez, K. Gardlo, G. Goerz, K. Bolsen, H. F. Merk, J. Frank; Aachen
- P061** **Transfection of human keratinocytes in vitro using non-viral vectors and FuGENE™ 6.** F. Steierhoffer, T. Klapperstueck, M. Nagler, K. Rzepka, J. Wohlrab; Halle / Saale
- P062** **Evaluation of cystatin M/E: a candidate for cornification disorders.** V. Oji, P. Zeeuwen, J. Schalkwijk, H. Traupe; Münster

## WISSENSCHAFTLICHES PROGRAMM

- P063** Genotype/phenotype correlation of congenital ichthyosis caused by inactivating mutations of epidermal lipoxygenases. K. M. Eckl, P. Krieg, W. Küster, H. Traupe, F. André, N. Wittstruck, G. Fürstenberger, H. Hennies; Berlin
- P064** An internet-based database on the analysis of autosomal recessive congenital ichthyoses and other inherited disorders of keratinization. H. Hennies, C. Eckl, K. M. Eckl; Berlin
- P065** Characterization of retroviral particles derived from human melanoma cells. S. Hirschl, O. Schanab, H. Seppel, J. Humer, A. Waltenberger, H. Pehamberger, K. Wolff, T. Muster; Wien
- P066** HHV8-positive Kaposi sarcoma in a long time HIV-exposed but -uninfected patient carrying the CCR5-promoter mutation A59029G. C. Schnopp, M. Mempel, W. Groer, S. Burggraf, M. Möhrenschrager, R. Engst, J. Ring, H. Hofmann; München
- P067** Xeroderma pigmentosum C gene polymorphisms and alternative splicing in patients with multiple sporadic primary cutaneous melanomas. K. Thoms, S. Vollert, P. Laspe, C. Neumann, S. Emmert; Göttingen

## Immunologie

- P068** Activated platelets are important mediators of cutaneous inflammation. R. J. Ludwig, W. Boehncke, M. Podda, C. Tandi, P. Schulze Johann, H. Baatz, R. Kaufmann, U. H. von Andrian, J. Gille, T. M. Zollner; Frankfurt am Main
- P069** Junctional Adhesion Molecules (JAM)-B and -C contribute to leukocyte extravasation in the skin and mediate cutaneous inflammation. R. Ludwig, T. M. Zollner, S. Santoso, K. Hardt, J. Gille, H. Baatz, P. Schulze Johann, J. Pfeffer, H. H. Radecke, R. Kaufmann, M. Podda, W. Boehncke; Frankfurt am Main
- P070** A gene signature of inhibitory MHC receptors identifies a novel tolerogenic subset of regulatory DC. F. W. Velten, K. Duperrier, P. Metharom, S. Goerdt; Mannheim
- P071** Inhibition of NADPH-oxidase abolishes leukocyte-dependent dermal-epidermal separation induced by autoantibodies from patients with bullous pemphigoid. M. T. Chiriac, D. Zillikens, C. Sitaru; Lübeck
- P072** Intravenous immunoglobulins block tumor necrosis factor- $\alpha$  and interleukin-12 production by proinflammatory human blood dendritic cells. S. Abraham, M. Meurer, P. Rieber, K. Schäkel; Dresden
- P073** Osteopontin Function for DC Migration and Activation is Modulated by Thrombin Cleavage. A. C. Renkl, T. Ahrens, G. Schulz, A. Seier, T. Eggers, S. Kon, T. Uede, J. C. Simon, J. M. Weiss; Ulm
- P074** Induction of regulatory/suppressor T cells by IL-10-treated dendritic cells and TGF- $\beta$ . I. Bellinghausen, B. König, I. Böttcher, J. Knop, J. Saloga; Mainz
- P075**  $\beta$ 2-integrins but not ICAM-1 are mandatory in LeV for PMN recruitment and for support of Fc $\gamma$ R-dependent functions. A. Sindrilaru, S. Seeliger, K. Scharffetter-Kochanek, C. Sunderkötter; Ulm
- P076** GNB3 C825T polymorphism and response to anti-retroviral combination therapy in HIV-1-infected patients. N. Brockmeyer, A. Kasper, A. Potthoff, R. Schlottmann, C. Nabring, K. Jöckel, W. Siffert; Bochum
- P077** Strong, persistent Melan-A/MART-1-peptide-specific immune responses after dendritic cell vaccination of stage II melanoma patients. A. Tuettenberg, C. Becker, E. Huter, J. Knop, A. H. Enk, H. Jonuleit; Mainz
- P078** Dendritic cells govern induction and reprogramming of tissue-selective T cell trafficking by soluble factors. J. C. Dudda, E. Bachtanian, S. F. Martin; Freiburg
- P079** The anti-psoriatic efficacy of the fully human anti-ICAM-1 antibody MOR102 may depend on blocking the interaction between lymphocytes and keratinocytes. T. Litzenberger, S. Noll, M. Urban, A. Popp, D. Waldherr, J. Haunschild, W. Boehncke; Martinsried
- P080** Macrophages play a central role in the psoriasisform skin disease of CD18 hypomorphic PL/J mice. H. Wang, T. Peters, D. Kess, T. Oreshkova, K. Scharffetter-Kochanek; Ulm

## WISSENSCHAFTLICHES PROGRAMM

- P081** **Absence of autoantibodies against recombinant fibrillin-1 polypeptides in systemic scleroderma patients.** J. Brinckmann, D. Reinhardt, E. El-Hallous, N. Hunzelmann; Lübeck
- P082** **Skin-homing T cells have characteristics of side-population cells.** K. Neuber, A. Mensch; Hamburg
- P083** **Oligodeoxynucleotides containing CpG dinucleotides mediate an anti-inflammatory response in epithelial cells.** A. Dorn, A. Bock, A. Bernd, J. Bereiter-Hahn, R. Kaufmann, S. Kippenberger; Frankfurt/Main
- P084** **Stabilin-1 is Involved in Endocytic and Sorting Processes in Human Macrophages.** J. Kzhyshkowska, A. Gratchev, J. Martens, O. Pervushina, S. Mamidi, S. Johansson, K. Schledzewski, B. Hansen, X. He, J. Tang, K. Nakayama, S. Goerdts; Mannheim
- P085** **Mice deficient for the Vitamin D Receptor (VDR -/- mice) show increased local resistance to cutaneous L. major infection.** J. Ehrchen, L. Helming, K. Loser, G. Varga, E. Nattkemper, J. Roth, C. Sorg, C. Sunderkötter, A. Lengeling; Münster
- P086** **IL-18 induced keratinocyte response contributes to a Th1 like inflammation.** M. Wittmann, R. Purwar, C. Hartmann, R. Gutzmer, T. Werfel; Hannover
- P087** **Role of IL-10 and TGF-beta in the suppression of allergic contact dermatitis by CD4+CD25+ regulatory T-cells.** S. Ring, K. Mahnke, S. Schäfer, H. Lehr, A. Enk; Heidelberg
- P088** **First steps towards a characterization of cutaneous reinnervation after skin nerve lesion (SNL) in mice.** S. Müller-Röver, B. Picker, R. Nitsch, E. Peters; Berlin
- P089** **IL-10 modulates expression of members of the B7 family on tolerogenic dendritic cells inducing regulatory T cells.** H. Adler, E. Graulich, J. Knop, K. Steinbrink; Mainz
- P090** **CD4-specific Abs have the potential to amplify tumor-specific CD8 responses.** P. Lührs, R. Kutil, G. Stingl, A. Schneeberger; Vienna
- P091** **Non-complement-fixing IgG4 autoantibodies from bullous pemphigoid patients induce dermal-epidermal separation in cryosections of human skin.** S. Mihai, D. Zillikens, C. Sitaru; Lübeck
- P092** **Peripheral CD8+ T cell tolerance against melanocytic self antigens in the skin is regulated in two steps by CD4+ T cells and local inflammation: Implications for the pathophysiology of vitiligo.** J. Steitz, J. Brück, J. Lenz, S. Büchs, T. Tüting; Bonn
- P093** **NKG2D/ULBP-1 interaction for DC-mediated T cell activation.** D. Schrama, P. Terheyden, E. Bröcker, J. C. Becker; Würzburg
- P094** **In vivo CD40 ligation promotes the therapeutic efficacy of a genetic melanoma vaccine by promoting both innate and adaptive immune responses.** J. Steitz, S. Büchs, T. Tüting; Bonn
- P095** **Evaluation of hsp70 as a molecular adjuvant for genetic melanoma immunization in mice.** D. Schweichel, D. Tormo, A. Ferrer, E. Gaffal, P. Speuser, S. Büchs, J. Steitz, T. Tüting; Bonn
- P096** **The role of IFN $\alpha$  for genetic immunization targeting dendritic cells in vitro and in vivo.** E. Gaffal, P. Speuser, D. Schweichel, D. Tormo, A. Ferrer, S. Büchs, J. Steitz, T. Tüting; Bonn
- P097** **A dissociated Vitamin D3 Analog Mediates Potent Immunomodulatory Effects on Immune Cells.** A. Steinmeyer, K. Asadullah, U. Zügel; Berlin
- P098** **Alphavirus-based genetic immunization circumvents peripheral tolerance against the melanocytic antigen TRP2 and promotes autoimmune vitiligo in C57BL/6 mice.** S. Büchs, P. Speuser, J. Steitz, T. Tüting; Bonn
- P099** **Enhanced type I interferon signaling promotes a Th1 biased inflammation in cutaneous lupus erythematosus via induction of IP10/CCL10 and recruitment of CXCR3+ lymphocytes.** J. Wenzel, E. Wörrenkämper, S. Freutel, S. Hense, O. Haller, T. Bieber, T. Tüting; Bonn

## WISSENSCHAFTLICHES PROGRAMM

- P100** **The receptor for interleukin-17e is induced by Th2-cytokines in antigen presenting cells.** A. Gratchev, J. Kzhyshkowska, K. Duperrier, J. Utikal, F. Velten, S. Goerd; Mannheim
- P101** **Senescent BALB/c mice are able to develop resistance to L.major.** J. Ehrchen, A. Sindrilaru, S. Grabbe, C. Sorg, K. Scharffetter-Kochanek, C. Sunderkötter; Münster
- P102** **Interleukin-4 and dexamethasone counterregulate ECM remodelling and phagocytosis in type 2 macrophages.** A. Gratchev, J. Kzhyshkowska, J. Utikal, S. Goerd; Mannheim
- P103** **Sweat of patients with atopic dermatitis contains a reduced amount of dermcidin-derived antimicrobial peptides and shows a decreased antimicrobial activity in vivo.** S. Rieg, H. Steffen, S. Seeber, H. Kalbacher, K. Dietz, C. Garbe, B. Schitte; Tuebingen
- P104** **Active LFA-1 on DC is inhibitory for full T cell.** G. Varga, S. Balkow, T. Higuchi, K. Scharffetter-Kochanek, W. Kolanus, S. Grabbe; Münster
- P105** **Induction of OVA expression in the skin under homeostatic conditions.** M. Holcman; Vienna
- P106** **Secreted Staphylococcal Products Cause Early Induction of Defence Molecules in Human Keratinocytes.** K. Haisch, J. Schröder; Kiel
- P107** **Deletion of autoreactive T cells does not protect from autoimmune disease.** C. M. Weigert, M. Muders, M. Röcken; Tuebingen
- P108** **Gene regulation of the skin-derived antimicrobial peptide human beta-defensin-3 (hBD-3).** K. Näbert, K. Wehkamp, L. Schwichtenberg, J. Schröder, J. Harder; Kiel
- P109** **Melanoma vaccine development: Comparative analysis of maturation and loading strategies with regard to dendritic cell phenotype and T cell stimulatory capacity by use of an in vitro culture platform.** H. Haenssle, S. Bram, T. Buhl, S. Emmert, K. Reich, C. Neumann; Goettingen
- P110** **Fumarates induce a DC2 phenotype in dendritic cells that establishes protective Th2 responses.** K. Ghoreschi, C. M. Weigert, C. Deng, A. E. Lovett-Racke, M. K. Racke, M. Röcken; Tuebingen
- P111** **Gene expression of nucleotide-binding site and leucine-rich repeat (NBS-LRR) proteins in primary keratinocytes.** E. Voss, J. Schröder, J. Harder; Kiel
- P112** **Immunoblot analysis of various protein fractions of borrelia burgdorferi, including variable major protein-like sequence expressed during the course of erythema migrans disease.** M. Glatz, B. Wilske, H. Kerl, R. R. Müllegger; Graz
- P113** **The PDE4 inhibitor Roflumilast shifts the cytokine profile of proinflammatory M-DC8+ blood dendritic cells and reduces their capacity to program Th1 immune responses.** A. Ebling, E. P. Rieber, K. Schäkel; Dresden
- P114** **Antibody-based targeting of tumor antigens to dendritic cells in vivo cures mice from B16 melanoma.** K. Mahnke, Y. Qian, J. Brück, A. Enk; Heidelberg
- P115** **Diphenylcyclopropenone treatment of alopecia areata induces apoptosis of perifollicular lymphocytes.** V. Herbst, M. Zöllner, S. Kissling, N. Stutz, P. Freyschmidt-Paul; Marburg
- P116** **SCID mice transplanted with human gut as a pre-clinical model for studying the migration of human lymphocytes to the small intestine.** C. Günther, C. Schwärzler, J. Kund, N. Carballido, S. Hinteregger, S. Fassl, T. Biedermann, J. Carballido; Wien
- P117** **Is there a coincidence of bullous pemphigoid and psoriasis vulgaris? Results of a clinical and serological study.** A. Reichelt, T. Wetzig, M. Sticherling; Leipzig
- P118** **Modulation of the expression of antimicrobial peptides in vivo.** C. Bürkle, E. Wandel, M. Sticherling; Leipzig

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- P119** **Protective role of the disruption of the proteinase-activated receptor-2 (PAR-2) gene in the mouse model of endotoxaemia induced by bacteria-derived lipopolysaccharide (LPS).** V. Shpacovitch, S. Seeliger, J. Buddenkotte, G. Varga, S. Balkow, C. Kerckhoff, B. Homey, T. A. Luger, M. Steinhoff; Muenster, Germany
- P120** **Construction of a DNA construct allowing the secretion of functionally active chemokines in vitro and in vivo.** A. Jalili, M. Pashenkov, C. Wagner, G. Stingl, S. N. Wagner; Vienna
- P121** **Improving the migration of injected, antigen-charged dendritic cells from skin to lymph nodes. A mouse model for increased tumor vaccines efficiency.** C. Tripp, G. Ratzinger, P. Stoitzner, S. Holzmann, S. Ebner, P. Fritsch, N. Romani; Innsbruck
- P122** **Enhancement of Polymorphonuclear Neutrophil Function by Zinc Histidine.** A. Kim, R. E. Schopf; Mainz
- P123** **Lack of HLA-class I expression on melanoma cells caused by multiple mutational events.** A. Sucker, N. Arens, R. Hildenbrand, M. Maio, D. Schadendorf, A. Paschen; Mannheim
- P124** **Induction of Heme Oxygenase-1 (HO-1) inhibits Dendritic cell Differentiation and Adaptive Immunity.** J. Listopad, T. Ritter, R. Sabat, K. Asadullah, W. Doecke; Berlin
- P125** **In vitro CD8 T cell priming: many antigen presenting cells, or much antigen per presenting cell; that's the question!** N. Schaft, J. Dörrie, E. Kämpgen, G. Schuler; Erlangen
- P126** **Making the diagnosis of pemphigoid in a selected cohort of patients by ELISA.** A. Niedermeier, E. Podstawa, S. Schwietzke, V. Bekou, S. Thoma-Uszynski, H. Jedlickova, M. Hertl; Marburg
- P127** **Dendritic cells use CYTIP to actively regulate T-cell de-attachment.** S. Hofer, K. Pfeil, S. Ebner, V. Nguyen, H. Niederegger, C. Heufler; Innsbruck
- P128** **Novel mechanisms of glucocorticoid action on human monocytes.** J. Ehrchen, L. Steinmüller, U. Nordhues, M. Eisenacher, W. Nacken, C. Sorg, J. Roth; Münster
- P129** **Eliminating circulating desmoglein-reactive autoantibodies in pemphigus patients by immunoadsorption (IA).** R. Eming, J. Rech, S. Barth, J. Kalden, G. Schuler, T. Harrer, M. Hertl; Marburg

## Klinische Forschung

- P130** **In vivo-remission spectroscopy measurements on microcirculation of chronic venous leg ulcers treated with PROMOGRAN\* matrix.** C. Wurbs, C. Krönert, U. Wollina, W. Schmidt, A. Scheibe, D. Fassler; Dresden
- P131** **Intralesional Application of Phosphatidylcholin for the Reduction of Lipomas: Preliminary Results.** D. Kopera, B. Binder, H. Toplak; Graz
- P132** **Microenvironment modulation of chronic wounds influenced by the collagen wound dressing Suprasorb C® - effect on platelet-derived growth factor and coagulation factor XIII.** U. Schönfelder, M. Abel, P. Elsner, U. C. Hipler; Jena
- P133** **Microenvironment modulation of chronic wounds influenced by the collagen wound dressing Suprasorb C®.** U. Schönfelder, M. Abel, P. Elsner, U. C. Hipler; Jena
- P134** **Oxidative stress results in selective oxidative damage and activation of macrophages with enhanced NO and elastase release. Possible implications for the hostile microenvironment in chronic venous leg ulcers.** N. Gall, A. Sindrilaru, A. Hainzl, C. Hinrichs, M. Wlaschek, K. Scharffetter-Kochanek; Ulm
- P135** **The aggravating role of staphylococcal toxins in psoriasis.** E. Aberer, N. Tomi, B. Kränke; Graz
- P136** **Leflunomide inhibits eotaxin but not eotaxin-3 release by human fibroblasts.** C. A. Pfeiffer, G. Wozel; Dresden
- P137** **Anti-L-selectin therapy is not effective in psoriasis: a randomized trial.** M. Hardtke, M. Friedrich, S. Philipp, R. Holzmann, C. Mueller, N. Soós, C. Höflich, R. Sabat, H. Merk, W. Sterry, U. Mrowietz; Berlin



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- P138** Demonstration of antipsoriatic efficacy of a new topical formulation of a small molecule selectin antagonist bimosiamose. M. Friedrich, K. Vollhardt, R. Zahlten, W. Sterry, G. Wolff; Berlin
- P139** The binding capacity of the collagen wound dressing Suprasorb® C for inflammatory cytokines. U. Schönfelder, M. Abel, P. Elsner, U. C. Hipler; Jena
- P140** Anti-CD 20 Monoclonal Antibody (Rituximab) in the Treatment of Pemphigus. M. J. Arin, A. Engert, T. Krieg, N. Hunzelmann; Köln
- P141** Influence of cyclodextrins and their derivatives on the generation of ROS in HaCaT keratinocytes and leukocytes. U. Schönfelder, P. Elsner, U. Hipler; Jena
- P142** Effects of a chemical sunscreen on UV induced changes of different histological features in melanocytic nevi. R. Hofmann-Wellenhof, C. Massone, S. Grinschgl, P. Soyer, H. Kerl, P. Wolf; Graz
- P143** Treatment of Psoriasis with the Recombinant Human Tumor Necrosis Factor Alpha Receptor Fusion Protein, Etanercept. R. E. Schopf; Mainz

### Mediatoren

- P144** The soluble variant of the vascular endothelial growth factor receptor VEGFR-1: a potential mediator in wound healing. S. Eming, G. Lauer, S. Jurk, C. Hornig, H. Weich, T. Krieg; Cologne
- P145** The expression of leukocyte-chemoattractive factors suggest a pathophysiological link between psoriatic skin and bone disease. R. Mössner, P. Middel, U. Krüger, V. Viereck, F. Zschunke, C. Neumann, K. Reich; Göttingen

### Mikrobiologie

- P146** Silver-loaded cellulosic fibers with anti-fungal and anti-bacterial properties – new bio-active fibers for intelligent textiles: Seacell® Active. U. C. Hipler, J. W. Fluhr, P. Elsner; Jena
- P147** Psoriasin (S100A7) is secreted in E. coli-cidal concentrations on human skin in vivo. R. Gläser, J. Harder, H. Lange, M. Weichenthal, H. Janßen, J. Schröder; Kiel
- P148** Chimeric papillomavirus-like particles (VLP) that display HPV16-L2 peptides induce neutralizing antibodies to genital HPV 11 and HPV 16. K. Slupetzky, S. Shafti-Keramat, T. Culp, R. Roden, R. Kirnbauer; Vienna
- P149** TAT-LACK fusion proteins target dendritic cells in vivo and efficiently vaccinate against murine cutaneous leishmaniasis. F. Butsch, K. Moelle, J. Knop, E. von Stebut; Mainz
- P150** Morphotype of Candida albicans has influence over the interaction with dendritic cells. A. Kolb-Mäurer, O. Kurzai, C. Schmitt, E. B. Bröcker, M. Frosch; Würzburg
- P151** L. major-infected B-cell deficient mice show enhanced lesion progression due to impaired CD8 priming and decreased numbers of infected dendritic cells. K. Moelle, S. Lopez Kostka, K. Steinbrink, J. Knop, M. C. Udey, E. von Stebut; Mainz
- P152** Identification of RNase 8 as an antimicrobial protein. B. Rudolph, J. Harder; Kiel
- P153** Differential roles of IKK1 and IKK2 for C. albicans-induced NF- $\kappa$ B-activation. V. Müller, M. Ossadnik, A. Toksoy, D. Viemann, J. Roth, S. Ludwig, E. Bröcker, M. Goebeler, M. Leverkus; Würzburg

### Pharmakologie

- P154** Vitamin D3 inhibits differentiation of monocyte-derived dendritic cells fast and irreversible. A time-kinetic study. K. Zhu, S. Rott, U. Mrowietz; Kiel

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- P155** **Dimethylfumarate inhibits nuclear translocation of NF-kappaB, but not NF-AT in activated human T-cells.** K. Shakery, S. Gerdes, U. Mrowietz; Kiel
- P156** **Efomycine M: A "Pan-Selectin" Antagonist?** A. von Bonin, B. Buchmann, M. Schäfer, S. Gründemann, J. Günther, L. Zorn, R. Nubbemeyer, K. Asadullah, T. Zollner; Berlin
- P157** **Methylmetacrylate sections for the analysis of obstructions in long-term subcutaneous suction drainage needles delivering interstitial fluid.** C. Gohla, M. Schwarz, C. Herbst, E. Shang, C. Bayerl; Mannheim
- P158** **Light Activated Curcumin Induces Apoptosis and Inhibits the EGF-Receptor such as Akt and ERK1/2 in Human Keratinocytes.** J. Dujic, S. Kippenberger, S. Simon, A. Ramirez-Bosca, J. Bereiter-Hahn, R. Kaufmann, A. Bernd; Frankfurt/Main
- P159** **STAT1 mediated upregulation of transport proteins associated with antigen processing (TAP1 and TAP2) in antigen presenting cells of patients with malignant melanoma receiving INF $\alpha$  treatment.** A. Dreuw, R. Heise, S. Joussen, M. Neis, T. Al Masaoudi, H. Merk, F. Abuzahra, G. Zwadlo-Klarwasser, J. M. Baron; Aachen
- P160** **New Phosphodiesterase-4 inhibitors for the treatment of inflammatory skin diseases.** W. Bäumer, M. Kietzmann, J. B. Petri, K. Mugridge, K. Herrmann, N. Selve; Hannover
- P161** **Structure - function relation of efomycine family members: Novel insights into the molecular action of small-molecule anti-inflammatory selectin inhibitors.** G. B. Wienrich, M. Schön, T. Krahn, M. L. Rodriguez, B. Kramer, M. Busemann, W. H. Boehncke, M. P. Schön; Würzburg

## Photobiologie

- P162** **A high SPF (25) only does not protect from polymorphic light eruption (PLE); addition of a topical antioxidant and high UVA protection significantly reduced clinical signs of PLE.** I. Hadshiew, C. Treder-Conrad, R. v. Bülow, T. Mann, F. Stäb, I. Moll, F. Rippe; Hamburg
- P163** **Induction of mitochondrial DNA mutations by treatment of melanocytes with intense pulsed light.** Y. Kamenisch, B. Blaheta, J. Wenz, M. Röcken, M. Berneburg; Tübingen
- P164** **Sun protection and vitamin-D deficiency in renal transplant recipients.** K. Querings, W. Tilgen, J. Reichrath; Homburg
- P165** **Interleukin-12 prevents UV-induced immunosuppression via induction of DNA repair.** A. Schwarz, A. Maeda, K. Kernebeck, T. Schwarz; Münster
- P166** **Real time in vivo cytokine profile in human dermis in UVB induced inflammation by microdialysis technique reveals rapid cytokine kinetics.** M. Averbek, S. Beilharz, M. Bauer, C. Gebhardt, F. Kauer, U. Voith, J. Sleeman, J. C. Simon, C. C. Termeer; Leipzig
- P167** **Overexpression of Phospholipid Hydroperoxide Glutathione Peroxidase in Human Dermal Fibroblasts Abrogates UVA-induced Expression of Interstitial Collagenase/Matrix-Metalloproteinase-1 by Suppression of Phosphatidylcholine Hydroperoxide-mediated NFkappa B Activation and Interleukin-6 Release.** S. Sulyok, J. Wenk, J. Schüller, C. Hinrichs, T. Syrovets, N. Azoitei, M. Podda, M. Wlaschek, L. A. Schneider, T. Peters, T. Wirth, T. Simmet, K. Scharffetter-Kochanek; Ulm
- P168** **In vivo relevance of infrared A radiation induced Matrixmetalloproteinase-1 expression: differential effects on epidermis and dermis.** P. Schröder, S. Wild, C. Marks, V. Kürten, J. Krutmann; Düsseldorf
- P169** **Functional analysis of the role of the raft-associated protein Caveolin-1 (Cav-1) in Ultraviolet A radiation (UVA)-induced signaling in human keratinocytes (KC).** S. Grether-Beck, M. Salahshour-Fard, D. Brammertz, H. Brenden, I. Felsner, J. Krutmann; Düsseldorf
- P170** **The efficacy of excimer laser (308nm) for vitiligo at different body sites.** A. Hofer, A. S. Hassan, F. J. Legat, H. Kerl, P. Wolf; Graz

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- P171 Keratinocytes-derived Vascular Endothelial Growth Factor protects skin from UVB-induced photo-damage by promoting blood vessel survival.** C. Barresi, H. Rossiter, M. Ghannadan, E. Tschachler; Vienna
- P172 Phospholipid oxidation products induce expression of the anti inflammatory protein heme oxygenase 1 in dermal fibroblasts and keratinocytes.** F. Gruber, M. Mildner, V. Botchkov, A. Kadl, P. Mrass, B. Lengauer, V. Mliz, G. Kroenke, B. R. Binder, N. Leitinger, E. Tschachler; Wien
- P173 Ultraviolet-B induced alterations in nuclear hormone receptor expression in cultured human keratinocytes.** M. Schmuth, P. Lau, P. M. Elias, K. R. Feingold; Innsbruck

### Tumorbiologie

- P174 Identification of new components of the cJun/HIF transcription complex in melanoma cells.** M. Kunz, R. Hoffrogge, G. Gross, M. O. Glocker; Rostock
- P175 Chemically distinct anticoagulants exert differential effects on experimental melanoma metastasis.** R. Ludwig, W. Boehncke, S. Diehl, R. Kaufmann, J. Gille; Frankfurt am Main
- P176 Lowering of Tumour Interstitial Fluid Pressure in Squamous Carcinomas and Melanomas Enhances the Uptake of Therapeutics in a Xenograft Tumour Model.** M. Hofmann, M. Guschel, A. Bernd, J. Bereiter-Hahn, R. Kaufmann, C. Tandi, S. Kippenberger; Frankfurt/Main
- P177 Early TCR- $\beta$  and TCR- $\gamma$  PCR detection of T-cell clonality indicates minimal tumor disease in lymph nodes of cutaneous T-cell lymphoma: diagnostic and prognostic implications.** C. Assaf, M. Hummel, M. Steinhoff, C. Geilen, H. Orawa, H. Stein, C. Orfanos; Berlin
- P178 Changes in oncogene expression and Rb phosphorylation during the progression of Mycosis fungoides (MF) and Sézary syndrome (SS) .** U. Döbbling, C. Zhang, R. Dummer, G. Burg; Zürich
- P179 Downregulation of RPE65 - a possible receptor for plasma retinol binding protein - during squamous skin carcinogenesis.** G. Hinterhuber, K. Cauza, R. Dingelmaier-Hovorka, E. Diem, R. Horvat, K. Wolff, D. Foedinger; Vienna
- P180 Analysis of mechanisms that modulate the growth response of melanoma cell lines to vitamin D analogs in vitro.** J. Reichrath, M. Rech, M. Moeini, V. Meineke, B. Diesel, E. Meese, W. Tilgen, M. Seifert; Homburg
- P181 The vitamin D system represents a key regulator of the growth of cutaneous squamous cell carcinomas (SCC).** A. Butscheid, M. Seifert, V. Meineke, W. Tilgen, J. Reichrath; Homburg
- P182 Implications for an important function of clusterin for pathogenesis and progression of malignant melanoma.** B. Shannan, M. Seifert, K. Leskov, D. Boothman, W. Tilgen, J. Reichrath; Homburg
- P183 Overexpression and hyperphosphorylation of retinoblastoma protein in the progression of malignant melanoma.** A. Roesch, B. Becker, S. Meyer, C. Hafner, P. J. Wild, M. Landthaler, T. Vogt; Regensburg
- P184 Overexpression of c-myb in leukemic and non-leukemic variants of cutaneous T-cell lymphoma.** N. Poenitz, J. Simon-Ackermann, A. Gratchev, J. Utikal, C. D. Klemke, E. Dippel, S. Goerd; Mannheim
- P185 Selective induction of apoptosis in melanoma cells by a tyrosinase promoter-CD95 ligand construct.** L. F. Fecker, C. C. Geilen, A. M. Hossini, C. Schwarz, H. Fechner, D. L. Bartlett, C. E. Orfanos, J. Eberle; Berlin
- P186 Mechanism of CD44 shedding in human melanoma cells: Relevance for tumor progression and target for therapeutic intervention.** C. Gebhardt, F. Kauer, M. Averbeck, A. Saalbach, U. Anderegg, J. C. Simon; Leipzig
- P187 Bone morphogenic proteins are over expressed in malignant melanoma and promote cell invasion and migration.** T. Rothhammer, I. Poser, F. Soncin, F. Bataille, M. Moser, A. Bosserhoff; Regensburg
- P188 Analysis of a truncated, secreted form of P-cadherin in malignant melanoma.** R. J. Bauer; Regensburg

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- P189** Endothelial tubulogenesis within fibrin gels is induced by high but not low invasive melanoma cells and requires VEGF. S. Löffek, P. Zigrino, T. Krieg, C. Mauch; Köln
- P190** Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) efficiently and selectively kills melanoma cells expressing death receptor 4 (DR4). B. Kurbanov, C. C. Geilen, L. F. Fecker, J. Lenkeit, C. E. Orfanos, J. Eberle; Berlin
- P191** Dipeptidylpeptidase IV expression modulates the aggressiveness of melanoma cells by differential regulation of MMPs and TIMPs. B. Becker, A. Roesch, C. Hafner, M. Landthaler, T. Vogt; Regensburg
- P192** Expression levels of CCR7, CXCR4, CXCL8, MMP2 and MT1-MMP in primary melanomas cannot predict high risk melanomas. K. Otto, E. Bröcker, H. Starz, J. C. Becker, D. Schrama; Würzburg
- P193** The transcription factor YB-1 is translocated to the nucleus during melanoma progression and is a critical factor in proliferation and chemosensitivity of melanoma cells. B. Schitteck, K. Psenner, B. Sauer, D. Vlasny, T. Iftner, C. Garbe; Tübingen
- P194** Expression profile of Ezrin/Radixin/Moesin/Merlin in malignant melanoma. S. Arndt, S. Kuphal, A. Bosserhoff; Regensburg
- P195** Are HLA-B8 and HLA-B35 key MHC class I restriction elements for protective T-cell epitopes in melanoma? J. Fensterle, U. Trefzer, T. Berger, M. H. Andersen, S. Ugurel, J. C. Becker; Würzburg
- P196** Overexpression of BRAF in melanoma cells as an independent promoting factor besides activating BRAF mutations. P. Villavicencio-Lorini, J. Eberle, J. Adjaye, R. Herwig, L. F. Fecker, C. C. Geilen; Berlin
- P197** The serin/threonine kinase casein kinase 1alpha involved in the Wnt/beta-catenin signalling pathway is downregulated during melanoma progression. T. Sinnberg, C. Garbe, B. Schitteck; Tuebingen
- P198** Melanoma inhibitory protein (MIA) influences expression of differential genes. J. Tatzel, A. Bosserhoff; Regensburg
- P199** Loss of expression of proapoptotic Bcl-related proteins Bax and Bak in melanomas with poor prognosis. J. Eberle, G. Tschernev, L. F. Fecker, C. Assaf, P. T. Daniel, I. Sturm, C. E. Orfanos, C. C. Geilen; Berlin
- P200** Melanoma-associated growth factor/receptor expression in nevi - association with histologic localization? K. A. Giehl, U. Nägele, C. Berking; München
- P201** T1796A BRAF mutation is rare in PUVA-associated melanocytic lesions. M. Worda, S. Kaddu, E. Heitzer, A. Lassacher, B. Baeck, H. Kerl, P. Wolf; Graz
- P202** Expression der zum potentiellen Metastasierungs-Kontroll-Gen nm23-H1 homologen Gene (nm23-H4,-H6 und -H7) im malignen Melanom. C. Welter, B. Shannon, M. Seifert, W. Tilgen, J. Reichrath; Homburg
- P203** Apoptosis induction in melanoma cells by resveratrol does not require hydroxylation to piceatannol and is, in part, independent of caspase-activation and Bcl-2 expression. G. B. Wienrich, M. Schön, W. Völkel, E. B. Bröcker, M. P. Schön; Würzburg
- P204** Invasion of activated melanocytes is stimulated by ultraviolet radiation in human skin reconstructs. U. Nägele, M. Herlyn, C. Berking; München
- P205** Interference with the serine protease uPA decreases invasiveness of metastatic melanoma cells. T. Schuh, R. Besch, V. Magdolen, K. Degitz; München
- P206** Conditional deletion of VEGF impairs SOS-dependent skin tumour development in transgenic mice. B. Lichtenberger, M. Sibilica; Vienna
- P207** Aberrations of chromosome 17p in cutaneous T-cell lymphomas analysed by fluorescence in-situ hybridisation. T. C. Fischer, A. Willems, A. Carbone, S. Gellrich, W. Sterry; Berlin

Zellbiologie

- P208** **Stabilin-1 and stabilin-2 are both directed into the early endocytic pathway in hepatic sinusoidal endothelium via interactions with clathrin/AP-2 independent of ligand binding.** B. Hansen, P. Longati, K. Elvevold, G. Nedredal, K. Schledzewski, R. Olsen, M. Falkowski, J. Kzhyshkowska, F. Carlsson, S. Johansson, B. Smedsrød, S. Goerd, S. Johansson, P. McCourt; Mannheim
- P209** **The human Haarscheibe: a multifunctional nerve end organ in hairy.** C. M. Reinisch, E. Tschachler; Wien
- P210** **Differential Expression of Connexins and Altered Gap Junctional Intercellular Communication Between Melanoma Cells and Cells in its Microenvironment.** N. K. Haass, J. M. Brandner, P. A. Brafford, E. Wladykowski, S. Kazianis, I. Moll, M. Herlyn; Philadelphia
- P211** **A murine model for human leukocyte-adhesion deficiency-1 wound-healing deficiency due to impaired myofibroblast differentiation resulting from reduced TGF- $\beta$ 1 signaling.** T. Peters, R. Hinrichs, B. Hinz, K. Holzwarth, A. Menke, E. Al-Azzeh, S. Sulyok, B. Walzog, T. Oreshkova, A. Sindrilaru, C. Sunderkötter, M. Wlaschek, T. Krieg, K. Scharffetter-Kochanek; Ulm
- P212** **cFLIPL interferes with Receptor-interacting Protein (RIP) recruitment and its posttranslational modification at the TRAIL death-inducing signalling complex (DISC) in human keratinocytes.** T. Wachter, M. Sprick, D. Hausmann, A. Kerstan, K. McPherson, G. Stassi, E. Bröcker, H. Walczak, M. Leverkus; Würzburg
- P213** **Increased adhesion of peripheral neutrophils to human Thy-1 (CD90) in psoriasis - establishment of an in vitro adhesion model for therapeutic and diagnostic investigations.** A. Wetzel, U. Anderegg, T. Wetzig, J. Simon, U. Haustein, M. Sticherling, A. Saalbach; Leipzig
- P214** **Keratinocytes express N-methyl-D-aspartate-receptors of the NMDAR2D-type.** M. Fischer, E. Fiedler, C. Seidel, D. Glanz, P. Helmbold, F. Meiss, R. Dammann; Halle (Saale)
- P215** **Dendritic cells (DC) interact specifically with dermal fibroblast via the Thy-1/Mac-1 adhesion system: Regulation during DC maturation and consequences for DC migration.** A. Saalbach, A. Wetzel, U. Anderegg, F. Kauer, M. Averbeck, J. Simon; Leipzig
- P216** **Expression of the human proteinase inhibitor hurpin (serpinB13) in transgenic mice: abnormal hair development and resistance to UV-induced apoptosis.** M. Walz, F. Conrad, M. Bylaite, S. Kellermann, R. Paus, T. Ruzicka; Duesseldorf
- P217** **TRAIL induces activation of different mitogen-activated protein kinases (MAPK) in human keratinocytes.** M. Felcht, T. Wachter, E. Bröcker, H. Walczak, M. Neumann, M. Leverkus; Würzburg
- P218** **Selective upregulation of murine  $\beta$ -defensin 3 after disruption of the permeability barrier - specific role in defense against *Pseudomonas aeruginosa*.** M. Schunck, N. Linke, L. Schwichtenberg, K. Haisch, J. Schröder, E. Proksch; Kiel
- P219** **Interleukin-1 mediated enhancement of UVB-induced apoptosis is NF $\kappa$ Bdependent.** E. Strozyk, B. Pöppelmann, T. Schwarz, D. Kulms; Münster
- P220** **Is corticotropin-releasing hormone (CRH) a maturation factor for human skin mast cells?** N. Ito, T. Ito, C. Langenbuch, M. Takigawa, R. Paus; Hamburg
- P221** **zurückgezogen**
- P222** **Staphylococcus aureus Modulates Expression of Epidermal Tight Junction-Proteins.** U. Ohnemus, P. Houdek, M. Horstkotte, I. Moll, J. M. Brandner; Hamburg
- P223** **ET-1 induction of collagen synthesis in fibroblasts requires distinct G-protein signaling cascades.** A. Horstmeyer, B. Eckes, T. Krieg; Cologne

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- P224 High PAI-2 expression as a hallmark of scleroderma fibroblasts in vitro.** D. Kessler-Becker, S. Smola, T. Krieg, B. Eckes; Köln
- P225 Lack of mechanical stimulation results in a "pro-inflammatory" fibroblast phenotype.** D. Kessler-Becker, I. Haase, T. Krieg, B. Eckes; Köln
- P226 Enrichment of stem cells from human native epidermal keratinocytes.** K. Rzepka, T. Klapperstück, M. Nagler, F. Steierhoffer, J. Wohlrab; Halle/ Saale
- P227 Mechanisms of Internalization and Recycling of Somatostatin Receptor-1.** D. Roosterman, W. Meyerhof, M. Steinhoff; Muenster
- P228 Important Role of Rab proteins on the Regulation of Neurokinin-1 Receptor Trafficking.** D. Roosterman, N. Bunnett, F. Schmidlin, M. Steinhoff; Muenster
- P229 An ex vivo model for male skin - caffeine counteracts testosterone effects.** A. Tsianakas, B. Hüsing, I. Moll, A. Klenk, M. J. Behne, J. M. Brandner; Hamburg
- P230 zurückgezogen**
- P231 Interference with the NF- $\kappa$ B pathway in human keratinocytes: different effects on proinflammatory activation and calcium-induced differentiation.** M. Giner, S. Schmid, S. Ludwig, M. Goebeler; Düsseldorf
- P232 Cells in the murine dermis have in vitro clonogenic capacity: characterization and enrichment strategies.** S. Meindl, A. Elbe-Bürger; Wien
- P233 Recognition of *C. albicans* by keratinocytes independent from MyD88 and TLR2/4.** H. Tillger, B. Rebholz, B. Eckelt, G. Weindl, M. Schaller, H. Wagner, C. Kirschning, R. A. Rupec; München
- P234 Reduzierte hMSH2 Expression in Melanomzellen nach siRNA Behandlung steigert die Reperaturkapazität der Zellen und die Apoptoserate.** M. Seifert, S. Scherer, W. Edelmann, V. Meineke, W. Tilgen, J. Reichrath; Homburg
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