



**XXXIV. Jahrestagung  
der  
Arbeitsgemeinschaft  
Dermatologische Forschung**

in Zusammenarbeit mit der  
Deutschen Dermatologischen Gesellschaft

Albert-Ludwigs-Universität Freiburg  
Kollegiengebäude I (KG I), Aula  
Werthmannplatz 3  
D - 79098 Freiburg/Breisgau

08.-10. März 2007  
Freiburg/Breisgau

Donnerstag, 8. März 2007	Freitag, 9. März 2007	Samstag, 10. März 2007
	<p>8:30-9:40 <b>Vorträge II (7-13)</b> G. Stingl, S. Eming</p>	<p>9:00-9:50 <b>Vorträge V (26-31)</b> S. Grabbe, J. Harder</p>
	<p>9:40-10:40 <b>Posterwalks und Pause</b></p>	<p>9:50-10:10 <b>Quo vadis-Vortrag III</b> C. Sunderkötter: <i>Was Vaskulitiden spannend macht!</i> (Einführung: W.-H. Boehncke)</p>
	<p>10:40-11:10 E.-B. Bröcker <b>Günter Goerz Vorlesung</b> <i>Melanom im Jahr 2015 – meine Vision</i> (Einführung: K. Steinbrink)</p>	<p>10:10-10:55 <b>Postersession (gerade), Snacks</b> 10:55- 11:40 <b>Postersession (ungerade), Snacks</b></p>
	<p>11:10-12:10 <b>Vorträge III (14-19)</b> T. Schwarz, R. Rupec</p>	<p>11:40-12:00 <b>Quo vadis-Vortrag IV</b> K. Scharffetter-Kochanek <i>Forever young – Wege zum Anti-Aging?</i> (Einführung: K. Steinbrink)</p>
<p>13:30-13:40 <b>Begrüßung</b> K. Steinbrink, L. Bruckner-Tuderman</p>	<p>12:10-13:10 <b>Postersession (gerade), Snacks</b> 13:10- 14:10 <b>Postersession (ungerade), Snacks</b></p>	<p>12:00-13:00 <b>Vorträge VI (32-37)</b> P. Steijlen, M. Schmuth</p>
<p>13:40-14:40 <b>Vorträge I (1-6)</b> L. Bruckner-Tuderman, P. Friedl</p>	<p>14:10-15:10 <b>Vorträge IV (20-25)</b> T. Luger, S. Ugurel</p>	<p>13:00-13:20 <b>Posterpreise und Reisestipendien</b> S. N. Wagner, T. Jakob</p>
<p>14:45-15:45 <b>Gastvortrag</b> John A. McGrath: <i>Gene hunting within the cutaneous basement membrane zone</i> (Einführung/Diskussion: J. Frank)</p>	<p>15:10-15:30 <b>Quo vadis-Vortrag I</b> M. Röcken: <i>Biologics: Design birgt Risiken</i> (Einführung: M. Berneburg)</p>	<p>13:20 <b>Schlussworte, Danksagung</b> <b>Ende der Tagung</b> K. Steinbrink</p>
<p>15:45-16:00 <b>Verleihung des 1. ADF-/DDG-Forschungsstipendiums</b> H. Gollnick, K. Steinbrink</p>	<p>15:30-16:00 <b>Verleihung der ADF Preise I</b> <b>Paul-Langerhans-Preis / Egon-Macher-Preis</b> T. Luger, M. Röcken</p>	
<p>16:00-16:30 <b>Pause</b></p>	<p>16:00-16:45 <b>Pause</b></p>	
<p>16:30-19:00 <b>Workshop: Biology and pathology of the basement membrane</b> L. Bruckner-Tuderman, D. Zillikens, H. Hintner, J. A. McGrath</p>	<p>16:45-17:05 <b>Quo vadis-Vortrag II</b> M. Schön: <i>Psoriasispathogenese: T-Zellen adieu?</i> (Einführung: W.-H. Boehncke)</p>	
	<p>17:05-17:30 <b>Verleihung der ADF Preise II</b> <b>Dermato-Onkologie-Preis</b> <b>ADF/ECARF-Award für Allergologie</b> S. N. Wagner, T. Zuberbier</p>	
<p>19:00-22:00 <b>Postersession und Welcome Reception</b></p>	<p>17:30-19:15 <b>Mitgliederversammlung</b></p>	
	<p>19:30-open end <b>Gesellschaftsabend</b></p>	



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8.-10. März 2007  
Freiburg/Breisgau

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

## **Tagungsort**

Albert-Ludwigs-Universität Freiburg  
Kollegiengebäude I (KG I), Aula  
Werthmannplatz 3  
D - 79098 Freiburg/Breisgau

### **vor der Tagung**

**Kongress-Telefon: 06174-931 333**  
**Kongress-Telefax: 06174-931 343**

### **während der Tagung**

**Kongress-Telefon: 0761-203 96 77**  
**Kongress-Telefax: 0761-203 96 80**

## **Verkehrsanbindung**

### **Zu Fuß vom Bahnhof:**

10 Minuten über Eisenbahnstraße

### **Tram:**

Linie 1/3/5 (Richtung Bertoldsbrunnen): Haltestelle "Stadttheater/Universitätszentrum"

### **Auto:**

Autobahnabfahrt: Freiburg Mitte - Abfahrt "Stadtmitte"/"Universität": Parkplätze:  
im Rotteck-Parkhaus an der Kreuzung Werderring/Bertoldstraße

(siehe auch Lageplan Seite 47 bzw.  
<http://www.uni-freiburg.de/de/universitaet/orientierung.php>)

## Tagungsorganisation

### Lokale Organisatoren

**Leena Bruckner-Tuderman, Cristina Has, Thilo Jakob, Stefan Martin,  
Vivien Schacht, Christoph Schempp**

Universitäts-Hautklinik Freiburg  
Hauptstrasse 7, D - 79104 Freiburg

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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:**

#### **Stichwort „ADF-Tagung“**

Freiburg Private City Hotels  
Heinrich-von-Stephan-Str. 8, 79100 Freiburg  
Tel. 0761-30807, Fax. 0761-37874  
e-Mail: [info@freiburg-hotels.de](mailto:info@freiburg-hotels.de), im Internet: [www.freiburg-hotels.de](http://www.freiburg-hotels.de)

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### Tagungsort

Albert-Ludwigs-Universität Freiburg  
Kollegiengebäude I (KG I), Aula  
Werthmannplatz 3, D - 79098 Freiburg/Breisgau

**Tagungsbeitrag** Nichtmitglieder: € 60,00  
Mitglieder: € 40,00 (wird als Mitgliedsbeitrag eingezogen!)  
Studenten sind gegen Vorlage eines entsprechenden Dokumentes  
vom Tagungsbeitrag befreit.  
Kreditkarten können nicht akzeptiert werden.

### Öffnungszeiten des Tagungsbüros

Donnerstag, 08.03.2007 12:00-20:00 Uhr  
Freitag, 09.03.2007 08:00-19:00 Uhr  
Samstag, 10.03.2007 08:30-14:00 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 einem Datenträger (CD oder Memorystick) 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 der Präsentation 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 bereitgestellt.

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**Wir weisen darauf hin, dass sich anlässlich der ADF-Tagung die Arbeitsgruppen wie folgt treffen (Stand 15.01.2007):**

### **Mittwoch, 7. März 2007:**

AG Dermato-Endokrinologie: 10:00-18:30, Zoologischer Hörsaal, Hauptstr. 3  
AG Genomik und Proteomik: 13:00-17:00, Seminarraum 1139, 1. OG des KG I

### **Donnerstag, 8. März 2007:**

AG Analytische Morphologie: 11:00-13:00, Seminarraum 1140/41, 1. OG des KG I  
AG Autoimmunbullöse Dermatosen: 10:00-13:00, Seminarraum 1142, 1. OG des KG I  
AG Psoriasis: 11:00-13:00, Seminarraum 1136, 1. OG des KG I  
AG Dermatologische Genetik: 09:30-13:00, Seminarraum 1139, 1. OG des KG I  
AG Gentherapie/Gentechnologie: 10:00-13:00, Seminarraum Hautklinik, Hauptstr.7

(siehe Plan S. 47 bzw. <http://www.uni-freiburg.de/de/universitaet/orientierung.php>)

**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, 09.03.2007, 12:00-14:00 Uhr, steht Herr Dr. Krawisch von der DFG für Besprechungen zur Verfügung. Bitte tragen Sie Ihren Gesprächswunsch in die Liste bei der Registrierung ein. (Raum wird angekündigt)**

## Zur XXXIV. Tagung der Arbeitsgemeinschaft Dermatologische Forschung

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*Liebe Kolleginnen und Kollegen, liebe Freunde,*

in diesem Jahr sind 288 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 in diesem Jahr vergeben wir die beiden Hauptpreise der ADF, den Egon-Macher-Preis und den Paul-Langerhans-Preis, sowie den Dermato-Onkologie- und den Allergologie-Preis. Den dabei mit der ADF kooperierenden Stiftungen und allen Förderern gilt unser herzlichster Dank.

Erstmalig werden wir in diesem Jahr gemeinsam mit der DDG ein ADF/DDG-Forschungsstipendium verleihen, um den Forschungsaufenthalt eines/einer Nachwuchswissenschaftlers/in in einem Gastlabor zu unterstützen.

Wie in den Vorjahren 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 sechs besten Poster werden am Ende der Tagung prämiert. Als zusätzliche Maßnahme zur Nachwuchsförderung werden sechs weitere Poster mit einem Reisestipendium für die ADF-Tagung 2008 ausgezeichnet.

Das Thema unseres diesjährigen Workshops ist „Biology and pathology of the basement membrane“ (Organisation: L. Bruckner-Tudermann, H. Hintner, D. Zillikens).

Weitere Highlights der Tagung sind natürlich wieder die Günter-Goerz-Gedächtnisvorlesung (E.-B. Bröcker, Würzburg) und der Gastvortrag (J. A. McGrath, London).

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 Freiburg!

*Kerstin Steinbrink*  
*Vorsitzende*

*Mark Berneburg*  
*Schatzmeister*

*Wolf-Henning Boehncke*  
*Schriftführer*

Der Vorstand der ADF bedankt sich herzlich bei den Gutachtern der Beiträge für die ADF 2007, den Mitgliedern der Posterkommissionen und allen Posterwalkern.

### **Experten für die Abstractbegutachtung**

A. Ambach, Magdeburg

S. Emmert, Göttingen

C. Franzke, Freiburg

J. Gille, Frankfurt

S. Grether-Beck, Düsseldorf

C. Has, Freiburg

D. Höller-Obrigkeit, Aachen

B. Homey, Düsseldorf

E. Jensen-Jarolim, Wien

M. Neis, Aachen

E. Peters, Berlin

B. Schitteck, Tübingen

M. Schmuth, Innsbruck

B. Schuler-Thurner, Erlangen

S. Ständer, Münster

S. Ugurel, Mannheim

C. Veldmann, Marburg

T. Vogt, Regensburg

J. Wenzel, Bonn

J. Wohlrab, Halle/S.

P. Wolf, Graz

T. Zollner, Richmond

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

S. N. Wagner, Wien

K. Mahnke, Heidelberg

J. C. Becker, Würzburg

C. Traidl-Hoffmann, München

T. Biedermann, Tübingen

G. Hofbauer, Zürich

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

T. Jakob, Freiburg

T. Tüting, Bonn

A. Bosserhoff, Regensburg

T. Peters, Ulm

M. Leverkus, Magdeburg

J. M. Baron, Aachen

### **Posterwalks**

Während der Postersessions finden Posterwalks zu folgenden Themen statt:

Allergologie (J. Simon)

Dendritische Zellen (E. Kämpgen)

Genetik (M. Arin)

Immunregulation (B. Homey)

Hautanhangsgebilde (J. Reichrath)

Klinische Forschung (M. Hertl)

Photobiologie (A. Schwarz)

Onkologie (R. Stadler)

Zellbiologie (P. Friedl)

Mausmodelle (M. Sibilio)

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



Donnerstag, 8. März 2007

**12:30-13:30 Anbringen der Poster und Registrierung**

**13:30-13:40 Begrüßung**

K. Steinbrink, L. Bruckner-Tuderman

**13:40-14:40 Vorträge I**

Vorsitz: L. Bruckner-Tuderman, P. Friedl

**V01 13:40 Gene expression profiling of lichen planus reflects CXCL9+ mediated inflammation and distinguishes this disease from atopic dermatitis and psoriasis;** J. Wenzel, S. Zahn, D. Küsters, J. Baron, H. Merk, C. Mauch, T. Krieg, T. Bieber, T. Tüting, A. Bosio, B. Peters; Bonn, Aachen, Köln

**V02 13:50 Oligonucleotides cause IL-8 suppression in skin keratinocytes in vitro and show anti-inflammatory effects in vivo;** A. Dorn, A. Bock, R. Ludwig, D. Thaci, J. Bereiter-Hahn, R. Kaufmann, A. Bernd, S. Kippenberger; Frankfurt/Main

**V03 14:00 Progressive disease in L. major-infected IL-1 receptor antagonist (RA) deficient mice;** S. Dinges, S. Lopez Kostka, J. Knop, Y. Iwakura, M. Udey, E. von Stebut; Mainz, Tokyo, Bethesda

**V04 14:10 IGF-1 receptor signaling, but not insulin receptor signaling is essential for normal skin morphogenesis;** H. Ibrahim, L. Koch, A. Schmitz, C. Wickenhauser, I. Haase, J. Brüning, C. Niessen; Köln

**V05 14:20 HLA class II-restricted autoaggressive T cells shape the autoantibody response against desmoglein 3 (dsg3) in an HLA-transgenic mouse model of pemphigus vulgaris (PV);** R. Eming, J. Schmidt, S. Schwietzke, E. Podstawa, R. Müller, G. Sonderstrup, M. Hertl; Marburg, Stanford, CA

**V06 14:30 RAGE drives tumor development by sustaining inflammation;** C. Gebhardt, A. Riehl, J. Németh, G. Fürstenberger, M. Hahn, P. Lichter, A. Enk, B. Arnold, A. Bierhaus, P. Nawroth, J. Hess, P. Angel; Heidelberg

**14:45-15:45 Gastvortrag**

John A. McGrath: *Gene hunting within the cutaneous basement membrane zone*

Einführung / Diskussion: J. Frank

**15:45-16:00 Verleihung des 1. ADF-/DDG-Forschungsstipendiums**

H. Gollnick, K. Steinbrink

**16:00-16:30 Kaffeepause**

Wir danken der Roche Pharma AG für die freundliche Unterstützung.

Donnerstag, 8. März 2007

**16:30-19:00      WORKSHOP**

***Biology und pathology of the basement membrane***

**Organisation/  
Moderation:**

L. Bruckner-Tuderman, D. Zillikens, H. Hintner, J. A. McGrath

16:30 – 16:40

Leena Bruckner-Tuderman, Freiburg

**Introduction**

16:40 – 17:05

Roswitha Nischt, Köln

**Structure and functions of basement membranes:  
Role of nidogens**

17:05 – 17:30

Markus Ruegg, Basel

**The role of basement membrane and its receptors at the  
neuromuscular junction**

17:30 – 17:55

Tobias Huber, Freiburg:

**The glomerular basement membrane: a key structure  
for kidney filtration**

17:55 – 18:10

**P A U S E**

18:10 – 18:35

Cassian Sitaru, Lübeck:

**Autoimmunity against the epidermal basement membrane**

18:35 – 19:00

Johann Bauer, Salzburg:

**Molecular therapy strategies for diseases of the skin  
basement membrane**

**19:00-22:00      POSTERSESSION UND WELCOME-RECEPTION**

bei Snacks und Getränken

Wir danken der Abbott GmbH & Co.KG für die freundliche Unterstützung.

Freitag, 9. März 2007

**08:30-09:40 Vorträge II**  
**Vorsitz: G. Stingl, S. Eming**

- V07 08:30 Galectin-2 suppresses contact allergy by inducing apoptosis in activated CD8+ T cells;** K. Loser, M. Voskort, A. Sturm, A. Dignass, T. Luger, S. Beissert; Münster, Berlin, Frankfurt/Main
- V08 08:40 Langerhans cells but not bone marrow-derived dendritic cells direct UV-induced regulatory T cells into the skin;** A. Schwarz, A. Maeda, T. Schwarz; Kiel
- V09 08:50 Accelerated Aging in Mice with Connective Tissue Specific Deficiency of the Manganese Superoxide Dismutase – In Vivo Evidence for the Free Radical Theory of Aging;** M. Kohn, N. Treiber, A. Keist, S. Schorlemmer, L. Claes, L. Florin, P. Angel, M. Wlaschek, K. Scharffetter-Kochanek; Ulm, Heidelberg
- V10 09:00 Maturation of dendritic cells is induced by cellular contact to mature mast cells;** M. Maurer, S. Heydrich, A. Dudeck; Berlin
- V11 09:10 Human scalp hair follicles are an extrathyroidal target and an extrapituitary source of thyroid-stimulating hormone (TSH);** E. Bodo, A. Kromminga, E. Gáspár, M. Zmijewski, W. Funk, B. Wenzel, A. Slominski, R. Paus; Lübeck, Hamburg, Tennessee, München
- V12 09:20 In vivo optical imaging of macrophage recruitment in cutaneous granuloma formation using fluorescence labelled macrophages;** J. Ehrchen, A. Wall, M. Eisenblätter, G. Varga, W. Heindel, C. Bremer, J. Roth; Münster
- V13 09:30 Type XXIII collagen: Functional analysis of a novel transmembrane collagen in skin;** G. Veit, E. Zimina, C. Franzke, J. Käpylä, M. Zweers, S. Stricker, B. Eckes, M. Gordon, J. Eble, J. Heino, L. Bruckner-Tuderman, M. Koch; Köln, Freiburg, Turku, Berlin, Piscataway, Münster

**09:40-10:40 Posterwalks und P A U S E**

Wir danken der Roche Pharma AG für die freundliche Unterstützung.

<b>Allergologie:</b>	<b>J. C. Simon</b>
<b>Dendritische Zellen:</b>	<b>E. Kämpgen</b>
<b>Genetik:</b>	<b>M. Arin</b>
<b>Immunregulation:</b>	<b>B. Homey</b>
<b>Klinische Forschung:</b>	<b>M. Hertl</b>
<b>Photobiologie:</b>	<b>A. Schwarz</b>
<b>Onkologie:</b>	<b>R. Stadler</b>
<b>Zellbiologie:</b>	<b>P. Friedl</b>
<b>Hautanhangsgebilde</b>	<b>J. Reichrath</b>
<b>Mausmodelle</b>	<b>M. Sibilica</b>

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

Freitag, 9. März 2007

**10:40-11:10 GÜNTER GOERZ GEDÄCHTNISVORLESUNG**

E.-B. Bröcker, Würzburg

**„Melanom im Jahr 2015 – meine Vision“**

Einführung: K. Steinbrink

**11.10 – 12:10 Vorträge III**

**Vorsitz: T. Schwarz, R. Rupec**

- V14 11:10 NADPH oxidase is required for neutrophil-dependent tissue damage induced by autoantibodies against type VII collagen;** M. Chiriac, J. Roesler, A. Sindrilaru, K. Scharffetter-Kochanek, D. Zillikens, C. Sitaru; Lübeck, Dresden, Ulm
- V15 11:20 Oxidized phospholipids that are generated in UVA-1 irradiated dermal fibroblasts mediate biological responses to UVA-1 via the redox – sensitive transcription factor Nrf2;** F. Gruber, H. Mayer, M. Bilban, O. Oskolkova, B. Lengauer, E. Muzik, R. de Martin, V. Bochkov, O. Wagner, E. Tschachler; Wien, Neuilly sur Seine
- V16 11:30 Psoriasis shifts the metabolic state towards insulin resistance;** S. Boehncke, D. Thaci, H. Beschmann, R. Ludwig, H. Ackermann, W. Boehncke; Frankfurt/Main
- V17 11:40 Activators of peroxisome proliferator-activated receptor-delta strongly induce IL-8 expression by endothelial cells via NF-kappaB activation;** M. Meissner, I. Hrgovic, D. Michailidou, M. Stein, R. Kaufmann, J. Gille; Frankfurt/Main
- V18 11:50 Critical role of TNF- $\alpha$  for tolerance to allergens: TNF-receptor 2 induced apoptosis of CD8+ effector T cells of contact hypersensitivity;** U. Frankenberg, M. Maurer, R. Alt, M. Metz, J. Knop, K. Steinbrink; Mainz, Berlin, Stanford
- V19 12:00 CCL18 is expressed in bullous pemphigoid and correlates with disease course;** C. Günther, N. Zimmermann, N. Carballido, T. Kopp, M. Meurer, J. Carballido, C. Pfeiffer; Dresden, Wien

**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

Freitag, 9. März 2007

**14:10-15:10 Vorträge IV**  
**Vorsitz: T. A. Luger, S. Ugurel**

- V20 14:10 A Novel peptide antibiotic derived from human hornerin;** Z. Wu, J. Harder, J. Bartels, Y. He, U. Meyer-Hoffert, J. Schröder; Kiel
- V21 14:20 Nickel compounds sensitize primary endothelial cells to TRAIL-induced apoptosis via down-regulation of cFLIP;** M. Goebeler, M. Schmidt, N. Endres, M. Hupe, S. Kavuri, M. Leverkus; Mannheim, Magdeburg
- V22 14:30 Major translocation of Calcium upon barrier insult: Calcium dynamics visualized by -fluorescence lifetime imaging;** M. Behne, S. Sanchez, I. Moll, E. Gratton; Hamburg-Eppendorf, Irvine
- V23 14:40 TNF, LTA and TNF receptor polymorphisms in psoriasis vulgaris and psoriatic arthritis: Evidence for an association of psoriatic arthritis with the promoter polymorphism TNF-857 independent of the PSORS1 risk allele;** K. Reich, U. Hüffmeier, I. König, J. Lascorz, J. Lohmann, J. Wendler, H. Traupe, W. Küster, R. Mössner, A. Reis, H. Burkhardt; Göttingen, Hamburg, Erlangen-Nürnberg, Lübeck, Bad Bentheim, Erlangen, Münster, Bad Salzschlirf, Frankfurt/Main
- V31 14:50 Activation of the MAP Kinase Pathway induces Apoptosis in Merkel Cell Carcinoma;** R. Houben, D. Schrama, M. Herold, I. Berberich, H. Reichardt, J. Becker; Würzburg
- V25 15:00 Chk1 kinase executes ATR-signalling for premature senescence of psoralen plus UVA-treated human fibroblasts;** M. Große Hovest, T. Krieg, G. Herrmann; Köln

**15:10-15:30 Quo vadis VORTRAG I**  
M. Röcken: ***Biologics: Design birgt Risiken***  
Einführung: M. Berneburg

**15:30-16:00 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*

**16:00-16:45 Kaffeepause**

Wir danken der Roche Pharma AG für die freundliche Unterstützung.

Freitag, 9. März 2007

**16:45-17:05 Quo vadis Vortrag II**  
M. Schön: *Psoriasispathogenese: T-Zellen adieu?*  
Einführung: W.-H. Boehncke

**17:05-17:30 Verleihung der ADF-Preise II\***

**Dermato-Onkologie-Preis der ADF** (S. N. Wagner)  
**ADF/ECARF-Award for European Allergy Research** (T. Zuberbier)

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

**17:30-19:15 Mitgliederversammlung**  
(Tagesordnung siehe ADF-Homepage, [www.adf-online.de](http://www.adf-online.de))

**19:30**-open end **Gesellschaftsabend**  
im *Historischen Kaufhaus*  
Münsterplatz 24, 79098 Freiburg  
**Lockerer Beisammensein in alt-ehrwürdigen Räumen.**

Wir danken der Phadia GmbH für die großzügige Unterstützung

Samstag, 10. März 2007

**09:00-09:50 Vorträge V**  
**Vorsitz: S. Grabbe, J. Harder**

- V26 09:00 Mutant CDK4 increases the penetrance and decreases the latency of UV-induced, pigmented, metastasizing melanoma in the skin of C57BL/6 HGF mice;** E. Gaffal, J. Landsberg, J. Kohlmeyer, D. Tormo, J. Wenzel, G. Merlino, T. Tüting; Bonn, Bethesda
- V28 09:10 Inhibition of 5alpha-reductase type 1 leads to suppression of DHT production but does not abrogate lipid synthesis in the SZ95 human sebocyte line.;** J. Schmalowsky, S. Prechtel, L. Röse, H. Seltmann, E. Makrantonaki, C. Zouboulis, U. Zügel, K. Asadullah, E. May; Berlin, Dessau
- V29 09:20 Tryptophan deprivation contributes to the generation of regulatory dendritic cells;** M. Brenk, M. Scheler, H. Wilms, T. Bieber, D. von Bubnoff; Bonn
- V30 09:30 Role of integrin alphaE(CD103)/beta7 for lymphocyte morphology and motility;** S. Schlickum, P. Kilshaw, M. Schön; Würzburg, Cambridge
- V24 09:40 Organization and function of a dynamic homeostatic synapse between T lymphocytes and dendritic cells;** J. Storim, E. Bröcker, P. Friedl; Würzburg

**09:50-10:10 Quo vadis-Vortrag III**  
C. Sunderkötter: *Was Vaskulitiden spannend macht!*  
Einführung: W.-H. Boehncke

**10:10-10:55 POSTERSESSION (alle geraden Posternummern)**  
Snacks und Getränke am Poster

**10:55-11:40 POSTERSESSION (alle ungeraden Posternummern)**  
Snacks und Getränke am Poster

Samstag, 10. März 2007

**11:40-12:00 Quo vadis VORTRAG IV**  
K. Scharffetter-Kochanek:  
***Forever young – Wege zum Anti-Aging?***  
Einführung: K. Steinbrink

**12:00-13:00 Vorträge VI**  
Vorsitz: P. Steijlen, M. Schmuth

- V32 12:00 CJ9-gD, a novel replication-defective and dominant-negative recombinant herpes simplex virus type 1 (HSV-1), can serve as vaccine against genital HSV-1 or HSV-2 disease in mice;** R. Brans, Z. Lu, F. Yao; Boston
- V33 12:10 Reduced in vivo allergenic reactivity of Lyc e 1 silenced transgenic tomato fruits;** V. Mahler, L. Le, Y. Lorenz, S. Scheurer, S. Biemelt, S. Vieths, U. Sonnewald; Erlangen, Langen
- V34 12:20 Generation of T cell memory critically depends on cell volume regulation by the taurine transporter TAUT during T cell activation;** M. Sobiesiak, S. Kaesler, P. Lang, K. Lang, T. Wieder, B. Heller-Stilb, M. Kneilling, U. Warskulat, D. Häussinger, F. Lang, T. Biedermann; Tübingen, Düsseldorf
- V35 12:30 Role of bone morphogenetic proteins in migration, invasion and angiogenesis of malignant melanoma;** T. Rothhammer, F. Bataille, T. Spruß, G. Eissner, A. Bosserhoff; Regensburg
- V36 12:40 Immune responses and clinical outcome of immunotherapy with peptide-loaded dendritic cells in 60 patients with metastasized malignant melanoma;** M. Erdmann, I. Haendle, M. Wiesinger, W. Leisgang, S. Trump, P. Coulie, E. Kämpgen, B. Schuler-Thurner, G. Schuler; Erlangen, Brüssel
- V37 12:50 The collagen VII hypomorph, a viable mouse model for dystrophic epidermolysis bullosa, allows testing of molecular therapies;** A. Fritsch, R. Fässler, S. Löckermann, L. Bruckner-Tuderman; Freiburg, Martinsried

**13:00-13:20 POSTERPREISE\* UND REISESTIPENDIEN**  
Verleihung: S. N. Wagner, T. Jacob

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

**13:20 Danksagungen, Verabschiedung, Ende der Tagung**  
K. Steinbrink



**POSTERSESSIONS**

<b>alle Posternummern:</b>	<b>Donnerstag, 08.03.07</b>	<b>19:00-22:00 Uhr</b>
<b>gerade Posternummern</b>	<b>Freitag, 09.03.07</b>	<b>12:10-13:10 Uhr</b>
	<b>Samstag, 10.03.07</b>	<b>10:10-10:55 Uhr</b>
<b>ungerade Posternummern:</b>	<b>Freitag, 09.03.07</b>	<b>13:10-14:10 Uhr</b>
	<b>Samstag, 10.03.07</b>	<b>10:55-11:40 Uhr</b>

Allergologie

- P001** **Crosstalk of keratinocytes and T cells during eczematous skin reactions;** S. Förster, K. Eyerich, J. Ring, H. Behrendt, C. Traidl-Hoffmann; München
- P002** **A Skin-like Cytochrome P450 Cocktail Activates Prohaptens to Contact Allergenic Metabolites;** M. Andresen Bergström, H. Ott, A. Carlsson, M. Neis, G. Zwadlo-Klarwasser, C. A. Jonsson, H. F. Merk, A. Karlberg, J. Baron; Göteborg
- P003** **Impact of pollen associated lipid mediators (PALMs) from grass pollen on human mast cells;** K. Grimm, S. Gilles, H. Behrendt, K. Brockow, C. Traidl-Hoffmann; München
- P004** **Allergoid-pulsed human dendritic cells are able to induce a high production of IL-10 by autologous CD4+ T cells**; B. König, A. Petersen, I. Bellinghausen, I. Böttcher, W. Becker, J. Knop, J. Saloga; Mainz
- P005** **Analysis of pro- and anti-inflammatory effects of weak contact allergens from phytomedicines of Arnica montana using quantitative real time PCR;** C. Lass, C. M. Schempp, I. Merfort, S. F. Martin; Freiburg
- P006** **The role of Np1+/ Foxp3+ regulatory T-cells in the pathogenesis of insect venom allergy;** C. Maier-Simon, V. Voelcker, M. Scharf, U. Anderegg, J. C. Simon; Leipzig
- P007** **The endogenous cannabinoid system alters the chemokine expression profile in the skin during allergic contact dermatitis;** E. Gaffal, M. Karsak, L. Wang-Eckhard, D. Tormo, A. Zimmer, T. Tüting; Bonn
- P008** **Uptake of grass pollen allergens by epithelial cells;** C. Blume, S. Förster, A. Petersen, W. Becker, J. Ring, H. Behrendt, C. Traidl-Hoffmann; München
- P009** **Use of recombinant allergens to analyze cross reactive T cell responses of birch pollen allergic patients with associated oral allergy syndrome (OAS) to hazelnuts;** H. S. Adler, S. Christ, C. Raps, C. Hofmann, S. Scheurer, S. Vieths, K. Steinbrink; Mainz
- P010** **Study of the immunogenicity and allergenicity of the cockroach allergen Per a 3 with special regard to its quaternary hexameric structure;** I. Bellinghausen, B. Haeringer, B. Lafargue, B. Koenig, H. Decker, J. Knop, J. Saloga; Mainz
- P011** **Hindered gastric digestion represents a risk for severe reactions in food allergic patients;** E. Untersmayr, H. Vestergaard, H. Malling, L. Bjerremann Jensen, M. H. Platzer, G. Boltz-Nitulescu, O. Scheiner, P. Stahl Skov, E. Jensen-Jarolim, L. K. Poulsen; Wien

## WISSENSCHAFTLICHES PROGRAMM

- P012 (V18)** **Critical role of TNF- $\alpha$  for tolerance to allergens: TNF-receptor 2 induced apoptosis of CD8+ effector T cells of contact hypersensitivity;** U. Frankenberger, M. Maurer, R. Alt, M. Metz, J. Knop, K. Steinbrink; Mainz
- P013 (V21)** **Nickel compounds sensitize primary endothelial cells to TRAIL-induced apoptosis via down-regulation of cFLIP;** M. Goebeler, M. Schmidt, N. Endres, M. Hupe, S. Kavuri, M. Leverkus; Mannheim
- P014** **The coordinated up- and down- regulation of cAMP during maturation licence 6-sulfoLacNAc-expressing dendritic cells (slanDC) to produce high levels of IL-12p70;** A. Ebling, E. P. Rieber, M. Meurer, K. Schäkel; Dresden
- P015** **Does systemic metal (nickel-)exposure in implant bearing patients induce enhanced metal (nickel) sensitivity?;** B. Summer, S. Maier, R. Eben, P. Thomas; München
- P016** **Carboplatin hypersensitivity in advanced melanoma patients treated with a multi-agent chemotherapeutic regimen;** A. Jalili, N. Mothes-Luksch, A. Pinc, G. Stingl, T. Kinaciyan, S. N. Wagner; Wien
- P017** **Alpha-Melanocyte-stimulating hormone modulates the functional activity of human peripheral blood eosinophils;** U. Raap, M. Schefzyk, M. Bruder, T. Luger, M. Schiller, A. Kapp, M. Böhm; Hannover
- P018 (V33)** **Reduced in vivo allergenic reactivity of Lyc e 1 silenced transgenic tomato fruits;** V. Mahler, L. Q. Le, Y. Lorenz, S. Scheurer, S. Biemelt, S. Vieths, U. Sonnewald; Erlangen
- P019** **Evidence for the regulation of IgE-production by CD8+ perforin-containing T cells in patients with atopic dermatitis;** M. Hoefeld-Fegeler, B. Bonnekoh, H. Gollnick, A. Ambach; Magdeburg
- P020** **Perforin (Pf) is involved in the control of the IgE response to ovalbumin (OVA) in vivo;** A. Ambach, C. Besser, A. Weren, B. Bonnekoh, B. Schraven, T. Jakob, H. Gollnick; Magdeburg

### Dermatopathologie

- P021** **Immunohistochemical characterization of inflammatory infiltrate of intraepidermal and invasive squamous cell carcinoma of the skin in immunocompetent patients and organ transplant recipients;** B. Mühleisen, I. Petrov, T. Gächter, M. Kurrer, L. Schärer, R. Dummer, G. Hofbauer; Zürich
- P022** **Keratinocytes are type I IFN producers in cutaneous lupus erythematosus skin lesions;** J. Wenzel, S. Zahn, T. Bieber, T. Tüting; Bonn
- P023 (V01)** **Gene expression profiling of lichen planus reflects CXCL9+ mediated inflammation and distinguishes this disease from atopic dermatitis and psoriasis;** J. Wenzel, S. Zahn, D. Küsters, J. Baron, H. Merk, C. Mauch, T. Krieg, T. Bieber, T. Tüting, A. Bosio, B. Peters; Bonn
- P024** **In Vivo Evidence for Oxidative Damage and Persistent Activation of Macrophages with Enhanced Nitric Oxide and Metalloelastase Release Contributing to the Hostile Microenvironment and Accelerated Aging of Ulcer-Adjacent Fibroblasts of Chronic Venous Leg Ulcers;** A. Sindrilaru, N. Gall, K. Welt, R. Hinrichs, T. Peters, J. Weiss, C. Sunderkötter, M. Wlaschek, K. Scharffetter-Kochanek; Ulm

## WISSENSCHAFTLICHES PROGRAMM

- P025** **The impact of aging on the expression of selected genes (heat shock proteins, elastin, fibrillin, and steroid hormone receptors) in human skin;** G. Klosner, M. Matsui, N. Muizzuddin, C. Kokesch, R. Grabner, E. Hofstätter, M. Binder, F. Trautinger; Wien
- P026** **Hornerin is expressed in healthy and inflamed skin;** U. Meyer-Hoffert, Z. Wu, J. Cordes, M. Wittersheim, R. Gläser, J. Schröder; Kiel
- P027** **Tumor environmental dose radiotherapy induces lymphangiogenesis in the skin;** P. Helmbold, S. Jackowski, M. Janusch, E. Fiedler, E. J. Ulbrich, G. Gaisbauer, J. Dunst, D. Kerjaschki, W. C. Marsch; Heidelberg
- P028** **The subepidermal nerve plexus analysed by electron microscopy;** C. M. Reinisch, D. Födinger, E. Tschachler; Wien
- P029** **Akkuranz der klinischen Beurteilung melanozytärer Läsionen: Korrelation mit histologischer Diagnose;** T. Gächter, B. Mühleisen, L. Schärer, R. Dummer, G. F. Hofbauer; Zürich
- P030 (V19)** **CCL18 is expressed in bullous pemphigoid and correlates with disease course;** C. Günther, N. Zimmermann, N. Carballido, T. Kopp, M. Meurer, J. Carballido, C. Pfeiffer; Dresden
- P031** **Massive influx of CD8dim+ perforin+ T lymphocytes into alopecia areata scalp skin lesions;** I. Schmidt, B. Bonnekoh, H. Gollnick, A. Ambach; Magdeburg
- Genetik
- P032** **Filaggrin mutations p.R501X, c.2282del4, p.R2447X and c.6867delAG in ichthyosis vulgaris;** R. Gruber, A. Terron-Kwiatkowski, A. Sandilands, G. Utermann, P. O. Fritsch, A. Janecke, I. W. McLean, M. Schmuth; Innsbruck
- P033** **Cystic sebaceous gland tumor caused by an underlying germline mutation in MSH6;** E. Mangold, N. Rahner, N. Friedrichs, R. Büttner, C. Pagenstecher, S. Aretz, W. Friedl, A. Bage, T. Ruzicka, P. Propping, A. Rütten, R. Kruse; Bonn
- P034** **Fc receptor-like 3 gene (FCRL3) in alopecia areata: Investigation of the functional variant c.-169C>T;** S. Eigelshoven, N. Schäfer, B. Blaumeiser, T. Becker, Y. Freudenberg-Hua, S. Hanneken, A. Kortüm, C. Schmael, J. Lambert, J. De Weert, R. Kruse, M. Nöthen, R. Betz; Düsseldorf
- P035 (V23)** **TNF, LTA and TNF receptor polymorphisms in psoriasis vulgaris and psoriatic arthritis: Evidence for an association of psoriatic arthritis with the promoter polymorphism TNF-857 independent of the PSORS1 risk allele;** K. Reich, U. Hüffmeier, I. R. König, J. Lascorz, J. Lohmann, J. Wendler, H. Traupe, W. Küster, R. Mössner, A. Reis, H. Burkhardt; Göttingen
- P036** **Spectrum of FGFR3 mutations in multiple intraindividual seborrheic keratoses;** C. Hafner, A. Hartmann, S. Sommer, F. Real, F. Hofstaedter, M. Landthaler, T. Vogt; Regensburg
- P037** **Pili annulati- Genetic analysis of 4 additional families with pili annulati and expression analysis of genes in the critical region using hair follicle RNA;** K. A. Giehl, M. Rogers, M. Schmuth, G. Eckstein, T. M. Strom; München
- P038** **Common mutations in the filaggrin gene in ichthyosis vulgaris and concomitant atopic diseases in German patients;** N. Seller, V. Oji, K. Aufenvenne, T. Walker, P. Schulz, I. Hausser, H. Traupe; Münster

- P039** **Analysis of a functional serotonin transporter polymorphism in psoriasis vulgaris;** R. Mößner, G. Stiens, A. Bartkowiak, D. Schmidt, U. Krüger, G. Westphal, K. Reich; Göttingen
- P040** **TGM1 mutations in bathing suit ichthyosis: A functional understanding;** K. Aufenvenne, V. Oji, T. Walker, B. Ahvazi, H. Hennies, H. Traupe; Münster
- P041** **Molecular Cytogenetic Investigations on Venous Tissue From Patients With Recurrent Varicosity;** M. Udart, C. S. Jones, R. Steiner, R. U. Peter; Ulm

## Immunologie

- P042** **Comparison of manual versus computer-aided, automated evaluation of cell-interactions under dynamic flow conditions;** R. Ludwig, K. Hardt, M. Schön, J. Will, G. Oostingh, M. Hatting, S. Rubant, J. Baumann, R. Kaufmann, J. M. Pfeilschifter, W. Boehncke, H. H. Radeke; Frankfurt/Main
- P043** **Tumor-induced immunotolerance in HGF x CDK4R24C mice bearing autochthonous melanoma in the skin - a matter of DC dysfunction?;** J. D. Kohlmeyer, J. Landsberg, E. Gaffal, D. Tormo, T. Tueting; Bonn
- P044 (V12)** **In vivo optical imaging of macrophage recruitment in cutaneous granuloma formation using fluorescence labelled macrophages;** J. Ehrchen, A. Wall, M. Eisenblätter, G. Varga, W. Heindel, C. Bremer, J. Roth; Münster
- P045** **S100A8 and A9 proteins control autoreactive CD8+ T cell development during CD40L-induced systemic autoimmunity;** K. Loser, K. Klimmek, S. Balkow, C. Kerckhoff, W. Nacken, T. A. Luger, S. Beissert; Münster
- P046 (V07)** **Galectin-2 suppresses contact allergy by inducing apoptosis in activated CD8+ T cells;** K. Loser, M. Voskort, A. Sturm, A. Dignass, T. A. Luger, S. Beissert; Münster
- P047** **Dimethylfumarate treatment reduces leukocyte rolling in vivo via decreased expression of adhesion molecules;** S. Rubant, R. J. Ludwig, S. Diehl, J. Pfeffer, R. Kaufmann, W. Boehncke; Frankfurt/Main
- P048** **Regulatory T cells suppress the psoriasiform skin disease through TGF- $\beta$  signals in the CD18 hypomorphic murine model of psoriasis;** H. Wang, T. Peters, A. Sindrilaru, D. Kess, T. Oreshkova, X. Yu, A. Seier, M. Wlaschek, G. Schulz, J. Weiss, K. Scharffetter-Kochanek; Ulm
- P049** **DC isolated from Friend retrovirus infected mice express impaired maturation markers, show elongated contact duration to naïve T cells and prefer the expansion of regulatory T cells;** S. Balkow, F. Krux, K. Loser, S. Grabbe, U. Dittmer; Münster
- P050** **Skin-specific reduction of Foxp3+ regulatory T cells in patients with lupus erythematosus;** B. Franz, B. Fritzsching, C. Kretz, A. Riehl, C. D. Klemke, N. Oberle, J. Sykora, M. Hartmann, A. Enk, P. H. Krammer, E. Suri-Payer, A. Kuhn; Heidelberg
- P051** **Physiological role of Toll-like receptor (TLR) 2, 4 and IL-12R $\beta$ 2 in hapten-induced contact hypersensitivity;** S. F. Martin, S. Liller, C. Galanos, M. A. Freudenberg; Freiburg
- P052** **CCL21 as an inflammatory chemokine in the skin; impact on dendritic cell maturation and migration;** A. Jalili, M. Pashenkov, C. Wagner, H. Nakano, G. Stingl, S. Wagner; Wien

- P053** **Defining tissue-specific parameters for the development of in vitro assays to identify potential contact allergens;** P. Eßer, S. F. Martin; Freiburg
- P054** **Antigen delivery into dendritic cells (DCs): The choice of melanoma cell preparation for DC loading influences the efficacy of antitumor T cell responses;** H. Haenssle, S. Bram, T. Buhl, K. Zachmann, C. Neumann; Göttingen
- P055** **In vitro expanded CD4+CD25+ regulatory T cells show up regulation of Foxp3 and augmentation of the suppressive activity;** S. Ring, K. Mahnke, S. Schallenberg, K. Schönfeld, A. Enk; Heidelberg
- P056** **Dermal fibroblasts induce maturation of dendritic cells;** A. Saalbach, C. Klein, J. Sleeman, U. Sack, F. Kauer, C. Gebhardt, M. Averbeck, U. Anderegg, J. C. Simon; Leipzig
- P057 (V30)** **Role of integrin alphaE(CD103)/beta7 for lymphocyte morphology and motility;** S. Schlickum, P. Kilshaw, M. Schön; Würzburg
- P058** **Therapeutic efficacy of antigen-specific vaccination and toll-like receptor stimulation against established transplanted and autochthonous melanoma in mice;** D. Tormo, A. Ferrer, P. Bosch-Roig, E. Gaffal, J. Kohlmeyer, J. Landsberg, T. Tüting; Bonn
- P059 (V34)** **Generation of T cell memory critically depends on cell volume regulation by the taurine transporter TAUT during T cell activation;** M. Sobiesiak, S. Kaesler, P. Lang, K. Lang, T. Wieder, B. Heller-Stilb, M. Kneilling, U. Warskulat, D. Häussinger, F. Lang, T. Biedermann; Tübingen
- P060** **Indirect Th1 Polarizing Capacity of IL-4, Mediated through IL-12p70 Secretion by Human Dendritic Cells;** E. Guenova, T. Volz, S. Kaesler, M. Röcken, T. Biedermann; Tübingen
- P061** **Epidermal p65/RelA is essential for the crosstalk between keratinocytes and immune cells in an I $\kappa$ B $\alpha$ -mediated model of psoriasis;** R. A. Rupec, B. Rebholz, I. Hasse, B. Eckelt, M. J. Flaig, K. Ghoreschi, S. Debey-Pascher, J. L. Schultze, R. Schmid, M. Röcken, T. Ruzicka; München
- P062** **Immunomodulation by non-pathogenic gram-negative bacteria operates via TLR2 on dendritic cells and IL-10 producing T cells;** T. Volz, A. Gueniche, E. Guenova, S. Kaesler, L. Breton, T. Biedermann; Tübingen
- P063** **Dendritic cell based antitumor vaccination: impact of indoleamine 2,3-dioxygenase expression;** D. Schrama, M. Wobser, E. Kämpgen, E. Bröcker, J. C. Becker; Würzburg
- P064** **High expression of the antimicrobial peptide psoriasin by human mammary glands during lactation;** M. Mildner, M. Schmidt, J. Pammer, H. Rossiter, A. Kouloumvaki, A. Abtin, V. Mlitz, E. Tschachler; Wien
- P065** **Dietary prebiotics interfere with dendritic cell maturation;** A. Urbanczyk, B. Stahl, J. J. Schmitt, E. Samain, G. Boehm, J. Knop, S. Sudowe, A. B. Reske-Kunz; Mainz
- P066** **Mouse models of TMA-induced contact hypersensitivity with improved chronic character aiming at improved clinical relevance;** C. Schneider, W. Döcke, L. Röse; Berlin
- P067** **Recruitment of immature mast cells to peripheral tissue is mediated by E-selectin, VCAM-1, and PECAM-1;** A. Dudeck, C. Doebeis, M. Maurer; Berlin

- P068 (V10) Maturation of dendritic cells is induced by cellular contact to mature mast cells;** M. Maurer, S. Heydrich, A. Dudeck; Berlin
- P069 Antigen-experienced double-negative CD3+CD4-CD8- T cells with a distinct regulatory function are highly increased in  $\beta$ 2 integrin-deficient mice;** T. Oreshkova, H. Wang, A. Seier, A. Renkl, A. Sindrilaru, G. Varga, S. Grabbe, K. Scharffetter-Kochanek, T. Peters; Ulm
- P070 In vivo depletion of CD4+CD25+Foxp3+regulatory T cells during development of B16 melanoma accelerates tumour growth;** S. Schallenberg, E. Suri-Payer, K. Mahnke, S. Ring, K. Schönfeld, T. S. Johnson, T. Bedke, A. H. Enk; Heidelberg
- P071 Influence of apoptosis on immune response in systemic lupus erythematosus;** L. Dörner, B. Berger, C. Kretz, H. Weyd, I. H. Tarner, U. Müller-Ladner, P. H. Krammer, A. Kuhn; Heidelberg
- P072 Indoleamine 2,3-dioxygenase (IDO): the antagonist of type I IFN driven skin inflammation?;** M. Scheler, T. Bieber, T. Tüting, J. Wenzel, D. von Bubnoff; Bonn
- P073 Functional indoleamine 2,3-dioxygenase (IDO) activity in human monocyte-derived dendritic cells;** M. Scheler, M. Brenk, H. Wilms, T. Bieber, D. von Bubnoff; Bonn
- P074 (V24) Organization and function of a dynamic homeostatic synapse between T lymphocytes and dendritic cells;** J. Storim, E. B. Bröcker, P. Friedl; Würzburg
- P075 Effects of Interferon-alpha on peripheral tolerance induced by tolerogenic IL-10-modulated dendritic cells;** N. Bacher, J. Knop, K. Steinbrink; Mainz
- P076 (V05) HLA class II-restricted autoaggressive T cells shape the autoantibody response against desmoglein 3 (dsg3) in an HLA-transgenic mouse model of pemphigus vulgaris (PV);** R. Eming, J. Schmidt, S. Schwietzke, E. Podstawa, R. Müller, G. Sonderstrup, M. Hertl; Marburg
- P077 TLR-mediated inflammatory responses in keratinocytes: expression of TSLP and IL-31;** C. Bangert, S. Kohlhofer, D. Mechtcheriakova, G. Stingl, T. Kopp; Wien
- P078 RNAi mediated gene silencing in primary T cells: a new approach for validation of target genes in inflammation;** T. Gust, C. Merz, F. Prinz, A. von Bonin; Berlin
- P079 Cyclosporin A abolishes CD28-mediated resistance to CD95-induced apoptosis in T lymphocytes via superinduction of caspase-3;** A. Kerstan, N. Armbruster, E. Bröcker, M. Leverkus, T. Hünig; Würzburg
- P080 IgG autoantibodies targeting distinct regions of the non-collagenous domain 1 (NC1) of Collagen VII (Col VII) correlate with the clinical activity of epidermolysis bullosa acquisita (EBA);** R. Müller, C. Dahler, C. Möbs, E. Wenzel, H. Müller, G. Messer, M. Hertl, A. Niedermeier; Marburg
- P081 Role of proteinase-activated receptor R-2 (par2) in human neutrophil transendothelial migration and apoptosis in vitro;** V. Shpacovitch, S. Seeliger, M. Huber-Lang, S. Balkow, M. Feld, A. Strey, V. Gerke, C. Sommerhoff, M. Steinhoff; Münster
- P082 Th1 and Th2 cells differ in their rolling ability in vivo;** T. Sehr, S. Rubant, R. Ludwig, C. Tandi, W. H. Boehncke, T. M. Zollner, M. Podda; Frankfurt/Main

## WISSENSCHAFTLICHES PROGRAMM

- P083 Profiling lymphocyte subpopulations in peripheral blood under efalizumab treatment of psoriasis by MELC robot microscopy;** B. Bonnekoh, Y. Malykh, R. Böckelmann, S. Bartsch, A. J. Pommer, H. Gollnick; Magdeburg
- P084 Electroporation of TCR encoding RNA into T cells as a new approach for anti-tumor immunotherapy;** N. Schaft, J. Dörrie, K. Birkholz, S. Hoyer, V. Wellner, I. Müller, E. Kämpgen, G. Schuler; Erlangen
- P085 Mass spectrometric comparison of antimicrobial active psoriatic scale and healthy stratum corneum extracts: are there more skin-derived antimicrobials?;** J. Bartels, J. Harder, J. M. Schröder; Kiel
- P086 Biological Drug Binding Biochip Assay Using the MELC Robot Technology as Explored for the Affinity of Efalizumab to Psoriatic Skin Tissue;** A. J. Pommer, R. Böckelmann, Y. Malykh, L. Philipsen, H. Gollnick, B. Bonnekoh; Magdeburg
- P087 The bulge - a second site of epithelial immune privilege within the human anagen hair follicle?;** K. Meyer, J. Klöpffer, S. Tiede, R. Paus; Lübeck
- P088 Natural killer (NK) and NKT cells may be crucial in the herpes simplex virus (HSV) immune responses;** S. G. Schäd, B. Dethloff, H. Krentz, B. Müller-Hilke, G. E. Gross; Rostock
- P089 Eukaryotic expressed human Osteopontin and its fragments interact with various receptors to induce dendritic cell migration;** A. M. Seier, A. C. Renkl, G. Schulz, J. Schlick, J. M. Weiss; Ulm
- P090 Optimized peptide delivery to dendritic cells (DCs): Increased T cell stimulatory capacity by loading DCs with complexes of cationic, antigenic peptides and Poly I/C dsRNA;** H. Haenssle, P. Riedl, R. Schirmbeck, K. Zachmann, C. Neumann, J. Reimann; Göttingen
- P091 Analysis of NOD1 and NOD2 expression in human skin;** E. Voß, J. M. Schröder, J. Harder; Kiel
- P092 Blocking the interaction with complement and Fc receptors abolishes antibody-induced blistering in experimental epidermolysis bullosa acquisita;** A. V. Sesarman, S. Mihai, M. T. Chiriac, F. Olaru, J. M. Thurman, D. Zillikens, C. Sitaru; Lübeck
- P093 (V14) NADPH oxidase is required for neutrophil-dependent tissue damage induced by autoantibodies against type VII collagen;** M. T. Chiriac, J. Roesler, A. Sindrilaru, K. Scharffetter-Kochanek, D. Zillikens, C. Sitaru; Lübeck
- P094 Desmocollin IgG and IgA autoantibodies are restricted to atypical and paraneoplastic pemphigus (PNP);** B. Heber, A. Niedermeier, E. Wenzel, G. Messer, M. Hertl, R. Müller; Marburg
- P095 Anti-cancer activity of TLR7/8 activated dendritic cells;** G. Stary, C. Bangert, R. Strohal, T. Kopp, G. Stingl; Wien
- P096 Characterization of subchronic vs. acute mouse models of DNFB-induced skin inflammation;** L. Röse, T. Zollner, W. Döcke; Berlin
- P097 TLR ligands modulate skin for improved dendritic cell migration. A model for adoptive immunotherapy;** C. Tripp, G. Ratzinger, P. Stoitzner, S. Ebner, P. Fritsch, N. Romani; Innsbruck

## WISSENSCHAFTLICHES PROGRAMM

- P098 Mast cell carboxypeptidase A is the essential protection factor against Endothelin-1 and Snake venom proteins of the Sarafotoxin group in vivo;** L. A. Schneider, S. M. Schlenner, T. B. Feyerabend, H. R. Rodewald; Ulm
- P099 Development of protein-contact dermatitis depends on tissue origin of activated T cells;** I. Glocova, M. Röcken, A. Yazdi, K. Ghoreschi; Tübingen
- P100 Influence of effector T cells on the micro milieu of lymphatic organs;** K. Bieber, U. Speck, L. B. Nachbar, L. Bergmann, P. Schmidt, U. Bode, K. Kalies, J. Westermann; Lübeck
- P101 Investigation of the in and ex vivo expression of the human antimicrobial protein RNase 7;** B. Köten, R. Gläser, J. M. Schröder, J. Harder; Kiel
- P102 (V27) zurückgezogen**
- P103 Expression and function of CD137 receptor and ligand in human mast cells;** U. Lippert, M. Babina, D. M. Ferrari, H. Schwarz, K. Zachmann, M. Knosalla, P. Middel, C. Neumann; Göttingen
- P104 (V20) A Novel peptide antibiotic derived from human hornerin;** Z. Wu, J. Harder, J. Bartels, Y. He, U. Meyer-Hoffert, J. M. Schröder; Kiel
- P105 Essential Role of Hypoxia-induced Angiogenesis in Delayed-type Hypersensitivity Reactions;** M. Knelling, B. J. Pichler, G. Reischl, R. Mailhammer, A. Yazdi, D. Bukala, F. Cay, C. Widmer, C. Reitmeier, M. S. Judenhofer, F. Maier, C. Claussen, H. Machulla, M. Röcken; Tübingen
- P106 Expression profiles of chemokine receptors in melanoma metastases;** P. Quan, E. Richtig, H. Seidl, M. Stefan, H. Tilz, M. Asslaber, U. Schmidbauer, K. Zatloukal, H. Kerl, H. Schaidler; Graz
- P107 Perforin is not involved in the control of basal total IgE serum level in vivo;** A. Weren, C. Besser, T. Jakob, B. Schraven, B. Bonnekoh, H. Gollnick, A. Ambach; Magdeburg
- P108 The differential effects of Prednisolone and non-steroidal selective GR-agonist (SEGRA) tool compounds on thymocyte apoptosis;** C. Stock, B. Schulz, P. Golletz, E. May, H. Schäcke, C. Rentzsch, K. Asadullah, W. D. Döcke; Berlin

### Klinische Forschung

- P109 (V36) Immune responses and clinical outcome of immunotherapy with peptide-loaded dendritic cells in 60 patients with metastasized malignant melanoma;** M. Erdmann, I. Haendle, M. Wiesinger, W. Leisgang, S. Trump, P. Coulie, E. Kämpgen, B. Schuler-Thurner, G. Schuler; Erlangen
- P110 PRISM (Pictorial Representation of Illness and Self Measure) is a reliable and valid method to measure perception of the impact of illness in hospitalised dermatological patients;** B. Mühleisen, S. Schmidhauser, S. Büchi, G. Burg, R. Dummer, G. Hofbauer; Zürich
- P111 (V16) Psoriasis shifts the metabolic state towards insulin resistance;** S. Boehncke, D. Thaci, H. Beschmann, R. Ludwig, H. Ackermann, W. Boehncke; Frankfurt/Main



## WISSENSCHAFTLICHES PROGRAMM

- P112** **Prospective randomized investigator-blind therapy study on the early treatment of hemangiomas: PDL vs. cryotherapy vs. observation;** A. Wanka, A. Schmalwieser, T. Jurkowitsch, A. Neuwirth, K. Majda, A. Pirker, M. Schmudermaier, H. Hönigsmann, R. Neumann, H. Maier; Wien
- P113** **Lipid parameters in psoriasis vulgaris;** A. Colzman, M. Brügel, J. Thierry, M. Sticherling; Leipzig
- P114** **Depletion of regulatory T cells (Treg) in humans: Analysis of the time course of Treg depletion and assessment of immune functions;** K. Schönfeld, K. Mahnke, S. Schallenberg, S. Schmitt, T. S. Johnson, S. Karakhanova, A. H. Enk; Heidelberg
- P115** **HLA-A1 restricted peptides derived from metastasin 1 induce specific T cell responses in PBMC of melanoma patients;** V. Hofmeister, R. Ullrich, E. Lukanidin, J. C. Becker; Würzburg
- P116** **Analyses of a new antagonist of TGF- $\beta$ /BMP signalling cascade which seems to play a role in skin sclerosis;** S. Arndt, S. Karrer, A. Bosserhoff; Regensburg
- P117** **Electroporation of ELUTRA generated dendritic cells with RNA - Towards a closed system;** J. Dörrie, M. Erdmann, N. Schaft, I. Müller, D. Stoica, U. Hirsch, E. Kämpgen, B. Schuler-Thurner, G. Schuler; Erlangen
- P118** **High frequency of secondary haematological neoplasias in patients with primary cutaneous lymphomas;** C. Hallermann, K. M. Kaune, M. Tiemann, F. Griesinger, C. Mitteldorf, E. Kunze, H. P. Bertsch, C. Neumann; Göttingen
- P119** **Pimecrolimus but not betamethasone treatment normalizes the structure of the skin barrier in atopic dermatitis;** J. Jensen, S. Pfeiffer, M. Witt, R. Fölster-Holst, E. Proksch; Kiel
- P120** **Tumor necrosis factor alpha is essential for monocyte survival and differentiation into immature dendritic cells;** M. A. Schmid, D. Heise, C. Erfurt, M. Erdmann, R. Sorg, G. Schuler, B. Schuler-Thurner, E. Kämpgen; Erlangen
- P121** **Systemic sclerosis involves the right heart;** C. Pfeiffer, E. Friedrichson, P. Rehberger, F. Walz, S. Schön, R. Strasser, M. Meurer; Dresden
- P122** **Adalimumab therapy augments Langerhans cells and diminishes activated CD83+ dendritic cells in psoriatic skin lesions;** R. E. Schopf, A. Haevecker; Mainz
- P123** **Pustular Psoriasis of the Palms and Soles effectively treated by Efalizumab**  
R. Schopf, E. Beis; Mainz
- P124** **A cold - response index for the quantification of Raynaud's phenomenon;** J. Foerster, R. Pauli, E. Krautwald, A. Kuerth, E. Niederstrasser, R. Paulat, M. Eweleit, G. Riemekasten, M. Worm; Berlin

### Mediatoren

- P125** **Neuropeptide release and mast cell degranulation in murine skin after topical administration of pimecrolimus and tacrolimus;** S. Ständer, H. Ständer, S. Seeliger, T. A. Luger, M. Steinhoff; Münster
- P126** **Effects of Endothelin-1 on Human Skin Mast Cell Mediator Secretion;** B. F. Gibbs, M. Metz, M. Maurer; Chatham Maritime, Kent

- P127 (V17) Activators of peroxisome proliferator-activated receptor-delta strongly induce IL-8 expression by endothelial cells via NF-kappaB activation;** M. Meissner, I. Hrgovic, D. Michailidou, M. Stein, R. Kaufmann, J. Gille; Frankfurt/Main
- P128 Epidermal stem cells differ in their response to proinflammatory signals from other proliferative keratinocytes;** J. Zeitvogel, T. Werfel, M. Wittmann; Hannover
- P129 Acne inversa: structural basis for the pathogenic action of nicotine;** A. Hana, G. Frongia, A. Gratchev, S. Goerdts, H. Kurzen; Mannheim
- P130 A potential role of IL-20 in psoriasis vulgaris;** K. Wolk, E. Witte, S. Philipp, K. Asadullah, H. Volk, W. Sterry, R. Sabat; Berlin
- P131 The M4 muscarinic acetylcholine receptor play a key role in the control of murine hair follicle cycling and pigmentation;** S. Hasse, A. I. Chernyavsky, S. A. Grando, R. Paus; Lübeck

## Mikrobiologie

- P132 Silent phagocytosis of Leishmania major by murine polymorphonuclear neutrophils (PMN) and subsequent transfer to inflammatory dendritic cells (DC);** S. Briem, S. Lopez Kostka, E. von Stebut; Mainz
- P133 Enhanced in vivo Secretion of the Antimicrobial Proteins Psoriasin (S100A7) and RNase 7 after Experimental Disruption of the Skin Barrier;** R. Gläser, J. Harder, B. Rudolph, H. Lange, E. Proksch, M. Weichenthal, J. M. Schröder; Kiel
- P134 (V32) CJ9-gD, a novel replication-defective and dominant-negative recombinant herpes simplex virus type 1 (HSV-1), can serve as vaccine against genital HSV-1 or HSV-2 disease in mice;** R. Brans, Z. Lu, F. Yao; Boston
- P135 (V03) Progressive disease in L. major-infected IL-1 receptor antagonist (RA) deficient mice;** S. Dinges, S. Lopez Kostka, J. Knop, Y. Iwakura, M. C. Udey, E. von Stebut; Mainz
- P136 Macrophages (M $\Phi$ ) and dendritic cells (DC) use different strategies for killing of intracellular Leishmania major;** A. Eichhorn, K. Leben, S. Lopez Kostka, E. von Stebut; Mainz
- P137 Effects of Miltefosine on Leishmania infected and uninfected dendritic cells (DC);** C. Gazeau, S. Lopez Kostka, J. Knop, E. von Stebut; Mainz
- P138 Study on frequency and localisation of Th1/Th2 cells in lesions of human cutaneous leishmaniasis;** B. Geiger, J. Wenzel, S. Fleck, W. Bräuninger, E. von Stebut; Mainz
- P139 The role of singlet oxygen and oxygen concentration in photodynamic inactivation of bacteria;** T. Maisch, J. Baier, B. Franz, R. Szeimies, M. Landthaler, W. Bäuml; Regensburg
- P140 Investigation of antifungal activity of Chitosan Flake 1130 against Candida albicans, Candida krusei and Candida glabrata by means of a microplate nephelometer;** F. Seyfarth, P. Elsner, U. Hipler; Jena
- P141 Mechanism of antimicrobial activity of Dermcidin-derived peptides;** I. Senyürek, H. Steffen, H. Kalbacher, B. Schitteck; Tübingen
- P142 Expression of lactonases in human skin;** S. Babucke, J. Harder; Kiel

- P143** **Biofilm-forming *Pseudomonas aeruginosa* secretes a novel IL-8-inducing pathogen-associated molecule;** M. Czapp, L. Schwichtenberg, U. Gerstel, J. Schröder; Kiel
- P144** **The *Pseudomonas aeruginosa* Quorum sensing system is involved in the induction of hBD2 in human epithelial cells;** U. Gerstel, M. Czapp, J. Schröder; Kiel
- P145** **Disturbed skin barrier function and changes in epidermal differentiation including induction of human  $\beta$ -defensin 2 expression in tinea corporis;** E. Proksch, S. Pfeiffer, T. Akaki, J. Schröder, C. Neumann, J. Brasch, J. Jensen; Kiel

## Pharmakologie

- P146** **Establishing in vitro models to determine atrophogenic potential;** S. Schoepe, G. Leder, F. Sohler, K. Asadullah, H. Schäcke; Berlin
- P147** **Effect of the sterilization method on the binding capacity of bovine collagen for IL-1 $\beta$  and MMP-2;** C. Wiegand, P. Elsner, M. Abel, P. Ruth, U. Hipler; Jena
- P148** **Influence of alginate and silver containing alginate on elastase and ROS activity in vitro;** C. Wiegand, P. Ruth, M. Abel, U. Schönfelder, P. Elsner, U. Hipler; Jena
- P149** **Dissection of the signal transduction pathways in sulfur mustard exposed keratinocytes. Involvement of NF- $\kappa$ B, JNK and MAPK;** B. Rebholz, K. Kehe, T. Ruzicka, R. A. Rupec; München
- P150** ***Usnea barbata* extract inhibits ultraviolet-B induced prostaglandin E2 synthesis and cell proliferation of HaCaT keratinocytes;** K. Engel, U. Schmidt, B. Simon-Haarhaus, C. M. Schempp; Freiburg
- P151** **Pharmaceutical and biological characterization of a new betulin-rich plant extract from *Betulae cortex*;** M. Laszczyk, A. Scheffler, B. Simon-Haarhaus, C. M. Schempp; Öschelbronn
- P152** **Response of lymphatic vessels and cultured lymphatic endothelial cells to NO;** I. Hünerbein, T. Klapperstück, J. Wohlrab; Halle
- P153** **Epidermal stem cells as drug target;** K. Rzepka, T. Klapperstueck, J. Wohlrab; Halle
- P154** **Histone deacetylase inhibitors suppress dermal inflammation in murine contact hypersensitivity models;** R. P. Numerof, B. Martin-McNulty, L. Roesse, J. Lucas, Y. Su, R. Meisner, W. Doecke, K. Asadullah, T. M. Zollner; Richmond
- P155 (V28)** **Inhibition of 5 $\alpha$ -reductase type 1 leads to suppression of DHT production but does not abrogate lipid synthesis in the SZ95 human sebocyte line;** J. Schmalowsky, S. Prectl, L. Röse, H. Seltmann, E. Makrantonaki, C. Zouboulis, U. Zügel, K. Asadullah, E. May; Berlin
- P156** **Reevaluation of the hamster flank organ as a model for anti-seborrheic effects of oral anti-androgens;** S. Nohut, J. Schmalowsky, C. Okon, L. Röse, K. Asadullah, U. Zügel, E. May; Berlin
- P157** **Response of Human Keratinocytes to Low Micromolar Dithranol as Analyzed by an Inflammation-Related Cytokine and Receptor cDNA-Microarray;** R. Böckelmann, U. Lendeckel, A. Gerber, H. Gollnick, B. Bonnekoh; Magdeburg

**P158 Pathogenesis and management of Erlotinib (Tarceva®) - induced cutaneous side effects;** P. A. Gerber, E. Enderlein, P. Ansari, B. Homey; Düsseldorf

**P159 Activation of the transcription factor PPAR delta in psoriasis;** . Romanowska, N. Al Yacoub, H. Seidel, S. Donandt, S. Schweiger, S. Phillip, J. Foerster; Berlin

## Photobiologie

**P160 Heat shock and UVA-induced cell death: tissue dependence;** M. Der-Petrosian, G. Klosner, R. Grabner, C. Kokesch, E. Hofstätter, H. Hönigsmann, F. Trautinger; Wien

**P161 Regulation of the expression of CYP24A1 (25-hydroxyvitamin D-24-hydroxylase) on the transcriptinal level by UVB-induced synthesis of 1 $\alpha$ ,25-dihydroxyvitamin D3 (calcitriol) in human keratinocytes;** B. Lehmann, D. Domaschke, M. Bär, M. Meurer; Dresden

**P162 (V08) Langerhans cells but not bone marrow-derived dendritic cells direct UV-induced regulatory T cells into the skin;** A. Schwarz, A. Maeda, T. Schwarz; Kiel

**P163 Further characterization of regulatory T cells induced by experimental extracorporeal photopheresis;** A. Maeda, A. Schwarz, T. Schwarz; Kiel

**P164 Repetitive UVA irradiation induces the release of cathepsin L but not cathepsin B in fibroblasts;** N. Hunzelmann, A. Klose, J. Brinckmann; Köln

**P165 25-Hydroxyvitamin D3 1alpha-hydroxylase splice variants in human skin;** M. Seifert, B. Shannan, C. Dujic, A. Weinhold, H. Palm, W. Tilgen, J. Reichrath; Homburg

**P166 The human hair follicle as a model for exploring the effects of ultraviolet radiation in a complex tissue interaction system in situ;** Z. Lu, S. Hasse, T. W. Fischer, W. Funk, S. Krengel, R. Paus; Lübeck

**P167 (V15) Oxidized phospholipids that are generated in UVA-1 irradiated dermal fibroblasts mediate biological responses to UVA-1 via the redox - sensitive transcription factor Nrf2;** F. Gruber, H. Mayer, M. Bilban, O. Oskolkova, B. Lengauer, E. M. Muzik, R. de Martin, V. Bochkov, O. Wagner, E. Tschachler; Wien

**P168 Variable pulsed light less painful than light emitting diodes for topical photodynamic therapy of actinic keratoses: a prospective randomized controlled trial;** P. Babilas, R. Knobler, S. Hummel, C. Gottschaller, T. Maisch, M. Koller, M. Landthaler, R. Szeimies; Regensburg

**P169 Evaluation of different 5-Ala / 5-Ala methylester formulations regarding fluorescence induction and penetration using an ex vivo porcine skin model**  
T. Maisch, C. Worlicek, P. Babilas, M. Landthaler, R. Szeimies; Regensburg

**P170 Direct detection of singlet oxygen generated by UVA irradiation in phospholipids, human cells and skin;** J. Baier, T. Maisch, M. Landthaler, W. Bäumler; Regensburg

**P171 Direct detection of oxygen depletion induced by singlet oxygen;** J. Baier, M. Loibl, T. Maisch, J. Regensburger, W. Bäumler; Regensburg

**P172 Ultraviolet-B Irradiation Induces Vascular Hyperpermeability in the Skin of SKH1 Mice;** R. Hügel, A. Schwarz, N. Tüxen, P. Velasco, B. Lange-Asschenfeldt, T. Schwarz; Kiel

**P173 (V25) Chk1 kinase executes ATR-signalling for premature senescence of psoralen plus UVA-treated human fibroblasts;** M. Große Hovest, T. Krieg, G. Herrmann; Köln

- P174** **Variable Pulsed Light (VPL) Reduces Treatment Induced Pain in Patients Undergoing Photodynamic Therapy for Actinic Keratosis;** R. Szeimies, S. Hummel, M. Koller, R. Knobler; Regensburg
- P175** **Selection against large scale mtDNA deletions occurs on the cellular level in normal and CS cells circumventing apoptotic pathways;** Y. Kamenisch, J. Wenz, W. Schuller, M. Röcken, M. J. Berneburg; Tübingen
- P176** **Chemokine and chemokine receptor profiles in keratinocytes, fibroblasts and melanocytic cells after UVB irradiation;** A. Barounig, A. Roschger, P. Quan, U. Michelitsch, B. Bäck, H. Kerl, P. Wolf, H. Schaidler; Graz

## Tumorbiologie

- P177** **Epigenetic Silencing of the PTEN Gene in Melanoma;** A. Mirmohammadsadegh, A. Marini, M. Hassan, U. Hengge; Düsseldorf
- P178** **Molecular profiling of cutaneous melanoma and functional characterization of ASK/Dbf4 upregulation;** S. Nambiar, A. Mirmohammadsadegh, M. Hassan, A. Marini, A. Alaoui, J. H. Hegemann, U. R. Hengge; Düsseldorf
- P179** **UVB irradiation enhances melanoma cell motility via induction of autocrine IL-8 secretion;** C. Gebhardt, M. Aeverbeck, A. Viertel, F. Kauer, A. Saalbach, U. Anderegg, J. C. Simon; Leipzig
- P180** **The CCR5 $\Delta$ 32 gene polymorphism is a predictor of survival in melanoma patients receiving immunotherapy;** S. Ugurel, D. Schrama, G. Keller, M. Zapatka, W. Fink, D. Schadendorf, E. B. Bröcker, J. C. Becker; Mannheim
- P181** **Endothelium-specific anti-angiogenic tumor therapy by a gene-directed enzyme prodrug strategy;** R. Heidenreich, S. Weidemann, A. Muschter, C. Essl, R. Naumann, M. Röcken, G. Breier; Tübingen
- P182** **Dendritic cell immunization to induce tissue-targeting of cytotoxic T cells for melanoma defence;** F. Edele, E. Bachtanian, S. F. Martin; Freiburg
- P183** **cFLIP regulates death receptor sensitivity to TRAIL- or CD95L-mediated apoptosis in human melanoma cells;** P. Geserick, C. Drewniok, P. Diessenbacher, S. Kavuri, M. R. Sprick, T. L. Haas, H. Gollnick, H. Walczak, M. Leverkus; Magdeburg
- P184** **Selectively targeting IKKbeta by the novel small-molecule inhibitor Bay 65-5811 enhances susceptibility of melanoma cells to antitumoral treatment;** M. Schön, K. Ziegelbauer, V. Vöhringer, M. P. Schön; Würzburg
- P185** **Selectin-dependent interactions of melanoma cells with endothelial cells and their antibody- or small-molecule-mediated modulation;** M. Schön, G. J. Oostingh, B. G. Wienrich, R. J. Ludwig, M. P. Schön; Würzburg
- P186** **CLU expression in malignant melanoma;** J. Reichrath, B. Shannan, C. Dujic, H. Palm, A. Weinhold, W. Tilgen, M. Seifert; Homburg
- P187** **Expression of nm23 homologues nm23 -H4, -H6, and -H7 in human melanoma cell lines in vitro;** B. Shannan, M. Seifert, A. Weinhold, H. Palm, W. Tilgen, J. Reichrath; Homburg

## WISSENSCHAFTLICHES PROGRAMM

- P188** **MMP-induction in the tumor stroma does not depend on CD147 expression in murine B16 melanoma;** H. Voigt, R. Houben, D. Schrama, U. B. Hofmann, C. S. Vetter-Kauczok, J. C. Becker; Würzburg
- P189 (V35)** **Role of bone morphogenetic proteins in migration, invasion and angiogenesis of malignant melanoma;** T. Rothhammer, F. Bataille, T. Spruß, G. Eissner, A. Bosserhoff; Regensburg
- P190** **Comparative gene expression profiling: Deep penetrating nevus vs. metastatic melanoma;** A. Roesch, A. Vogl, I. Hagen, M. Landthaler, T. Vogt; Regensburg
- P191 (V31)** **Activation of the MAP Kinase Pathway induces Apoptosis in Merkel Cell Carcinoma;** S. Ortmann, R. Houben, D. Schrama, M. J. Herold, I. Berberich, H. M. Reichardt, J. C. Becker; Würzburg
- P192** **A new technique unravels mRNAs coding for plasma membrane associated proteins in CTCL;** A. Lange, C. Kistler, T. Hartmann, D. Schadendorf, S. Eichmüller; Heidelberg
- P193** **UVB irradiation inhibits and UVA irradiation promotes melanoma cell growth in human skin reconstructs;** K. Hölzle, C. Berking; München
- P194** **High degree of intra-tumoral heterogeneity of aberrant promoter hypermethylation in malignant melanoma;** P. Helmbold, M. Rastetter, U. Schagdarsurengin, C. Lahtz, E. Fiedler, W. C. Marsch, R. Dammann; Heidelberg
- P195** **Search for molecular modulators of  $\beta$ -catenin activity in malignant melanoma;** S. Kuphal, A. Bosserhoff; Regensburg
- P196** **Relapse of cutaneous B-cell lymphoma after treatment with rituximab: role of bcl-2;** M. Wobser, C. Kauczok, H. Voigt, A. Eggert, R. Houben, E. Broecker, J. C. Becker; Würzburg
- P197** **Coculture of dendritic cells and fibroblasts convert mature dendritic cells into immature dendritic cells and influences matrixmetalloproteinase-secretion in fibroblasts;** M. Ibsch, U. Kuhn, H. Voigt, J. C. Becker, A. Eggert; Würzburg
- P198** **Lymphatic vessel architecture in A431 and A549 tumours;** M. Hofmann, L. S. Lenz, A. Bernd, J. Bereiter-Hahn, S. Hirakawa, R. Kaufmann, S. Kippenberger; Frankfurt/Main
- P199** **Anti-vascular endothelial growth factor antibody bevacizumab in conjunction with chemotherapy in metastasising melanoma;** P. Terheyden; Würzburg
- P200** **Dimethylfumarate impairs melanoma growth and metastasis;** R. Loewe, T. Valero, S. Kremling, H. Pehamberger, P. Petzelbauer; Wien
- P201** **Regulatory T cells within the inflammatory infiltrate of squamous cell carcinoma of the skin in immunocompetent patients versus solid organ transplant recipients;** M. Kosmidis, B. Mühleisen, L. Schärer, R. Dummer, G. F. Hofbauer; Zürich
- P202 (V06)** **RAGE drives tumor development by sustaining inflammation;** C. Gebhardt, A. Riehl, J. Németh, G. Fürstenberger, M. Hahn, P. Lichter, A. Enk, B. Arnold, A. Bierhaus, P. P. Nawroth, J. Hess, P. Angel; Heidelberg
- P203** **Human papillomavirus type 26 (HPV26) is a high-risk type causing invasive digital squamous cell carcinoma (SCC);** A. Handisurya, A. Rieger, A. Bankier, A. Koller, A. Salat, G. Stingl, R. Kirnbauer; Wien

- P204** **Quantitative imaging of tumor angiogenesis by 125I-Gluco RGD in endogenous tumors;** H. Braumüller, B. Pichler, M. Kneilling, R. Haubner, W. Weber, M. Röcken; Tübingen
- P205** **Expression of cyclooxygenase-2 (COX-2) and peroxisome proliferator-activated receptor gamma (PPAR $\gamma$ ) in skin tumors;** S. Meyer, M. Ameres, M. Landthaler, F. Bataille, M. Woenckhaus, H. Blaszyk, M. Klinkhammer-Schalke, G. Sauter, A. Marx, A. Reichle, A. Hartmann, L. Kunz-Schughart, P. Wild; Regensburg
- P206** **Mechanisms of T Helper Cell Mediated Tumor Arrest;** A. Ziegler, H. Wolburg, S. Weidemann, M. Röcken, R. Heidenreich; Tübingen
- P207** **Role of let-7 family microRNAs in melanoma development and progression;** J. Schultz, S. M. Ibrahim, K. Pyra, G. Gross, M. Kunz; Rostock
- P208** **Tumor immune escape by the loss of homeostatic chemokine expression;** A. Pivarcsi, A. Müller, J. Rieker, M. Steinhoff, R. Kubitzka, S. Meller, E. Sonkoly, A. van Lierop, T. K. Hoffmann, L. Schneider, R. Piekorz, E. Enderlein, J. Reifenberger, U. Rohr, R. Haas, P. Boukamp, I. Haase, B. Nürnberg, T. Ruzicka, A. Zlotnik, B. Homey; Düsseldorf
- P209** **Endothelial adhesion receptor expression and T cell distribution in metastatic melanoma;** C. Weishaupt, K. N. Munoz, E. Buzney, T. S. Kupper, R. C. Fuhlbrigge; Boston
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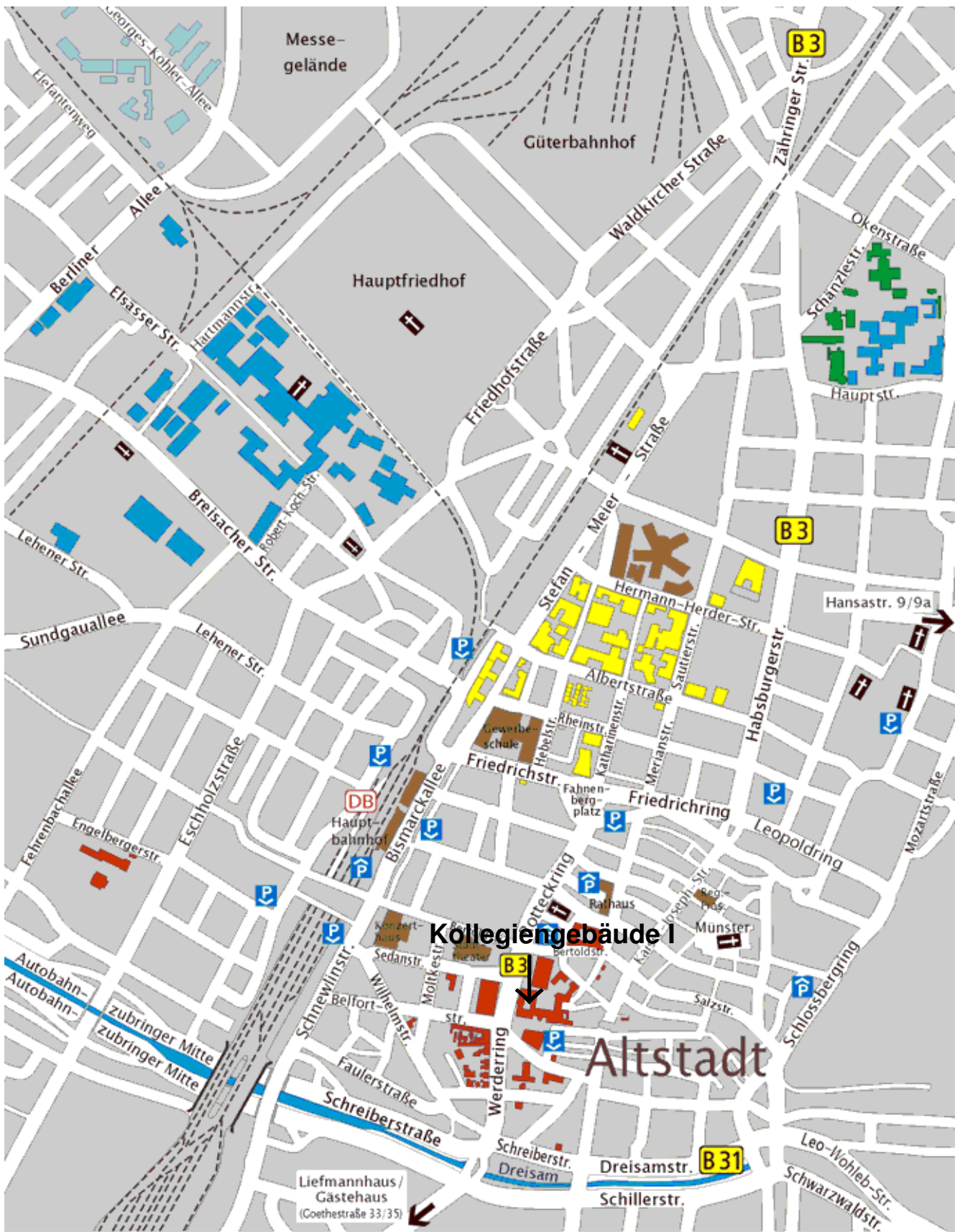
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