



**XXXI. Jahrestagung
der
Arbeitsgemeinschaft
Dermatologische Forschung**

in Zusammenarbeit mit der
Deutschen Dermatologischen Gesellschaft

Neues Hörsaalzentrum
Technische Universität Dresden
Bergstr. 64
01062 Dresden

26. - 28. Februar 2004
Dresden

Donnerstag, 26. Februar 2004	Freitag, 27. Februar 2004	Samstag, 28. Februar 2004
<p>14:55 Begrüßung</p> <p>Meurer / Kämpgen / Braun-Falco 15:00 – 16:00 Vorträge I (1-6) <i>Quo-Vadis Vortrag I</i> 16.00 –16:20</p>	<p>Mauch / Nestle 8.30 – 9:30 Vorträge II (7-12) <i>Quo-Vadis Vortrag IV</i> 09:30 – 09:50</p> <p>09:50 – 10:20 Pause</p> <p>Frank / Boehncke 10:20 – 11:20 Vorträge III (13-18)</p>	<p>Messer / Lehmann 8.30 – 9:30 Vorträge V (25-30) <i>Quo-Vadis Vortrag IV</i> 09:30 – 09:50</p> <p>09:50 – 10:20 Pause</p> <p>Baron / Trefzer 10:20 – 11:20 Vorträge VI (31-36)</p>
	<p>11:20 – 13:30 Postersession / Posterwalks</p>	<p>11:20 – 13:30 Postersession / Posterwalks</p>
	<p>Wagner / J.Becker 13.30 – 14:30 Vorträge IV (19-24) <i>Quo-Vadis Vortrag III</i> 14.30 –14:50</p> <p>Kämpgen 14:50– 15:20</p> <p>Verleihung der ADF Preise (Langerhans - / Macher – Preise)</p>	<p>13:30 – 14:30 Gastvortrag Prof. Dr. Kai Simons <i>"Lipid rafts and cell membrane organization"</i></p> <p>14:30 – 15:00 Poster-Kommissionsvorsitzende Postersession, Highlights und Preisverleihung</p>
	<p>15:20 – 16:00 Pause</p>	<p>15:00 Neuer Vorsitzender Ende der Tagung</p>
<p>16:20 – 16:50 Pause</p>	<p>16:00 – 17:00 Günter Goerz Vorlesung Prof. Dr. Georg Stingl <i>"Dermatologische Forschung in Europa: eine Erfolgsstory in Fortsetzung?"</i></p>	
<p>Paus / Asadullah 16:50 – 20:10 Workshop Endokrinologie</p>	<p>17:00 – 19:00 <u>Mitgliederversammlung</u></p>	
<p>20:10– 22:00 Postersession bei Snacks und Getränken</p>	<p>20:00 – Ende Gesellschaftsabend</p>	



**XXXI. Jahrestagung
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mit Unterstützung der Schering AG

26. - 28. Februar 2004
Dresden

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

Tagungsort

**Neues Hörsaalzentrum
Technische Universität Dresden
Bergstr. 64
01062 Dresden**

Vor der Tagung

**Kongress-Telefon: +49-(0)-6174-931 333
Kongress-Telefax: +49-(0)-6174-931 343**

Während der Tagung

**Kongress-Telefon: 0351-463 38817
Kongress-Telefax: 0351-463 38818**

Verkehrsanbindung

Bus:

Linie 72 Luga - Coschütz

Linie 76 Lockwitz - Mockritz

Haltestellennamen für beide Linien zum Tagungsort (Neues Hörsaalzentrum):

- Hauptbahnhof
- Reichenbachstraße
- Fritz-Foerster-Platz

Tram:

Linie 3 Coschütz - Wilder Mann

Linie 8 Hellerau - Südvorstadt

Haltestellennamen für beide Linien zum Tagungsort:

- Hauptbahnhof
- Reichenbachstraße
- Nürnberger Platz

(siehe auch Lageplan auf der letzten Seite)

Tagungsorganisation

Lokale Organisatoren

Prof. Dr. med. M. Meurer, Dr. rer. nat. B. Lehmann, Dr. med. R. Aschoff,
Dr. med. Ch. Pfeiffer, Dr. med. K. Schäkel, S. Jyrch, A. Richter

Klinik für Dermatologie am Universitätsklinikum der Technischen Universität Dresden
Fetscherstrasse 74; 01307 Dresden

Technische Organisation Hotel, Reise, Rahmenprogramm

AGENTUR COPP

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Prof. Dr. med. M. Meurer, Dr. rer. nat. B. Lehmann, Dr. med. R. Aschoff,
Dr. med. Ch. Pfeiffer, Dr. med. K. Schäkel, S. Jyrch, A. Richter
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Tagungsort

Neues Hörsaalzentrum der Technischen Universität Dresden
Bergstr. 64; 01062 Dresden

Tagungsbeitrag Nichtmitglieder: € 60,-
Mitglieder: € 40,- (wird als Mitgliedsbeitrag eingezogen!).

Studenten sind gegen Vorlage eines entsprechenden Dokumentes vom
Tagungsbeitrag befreit und können Programm- sowie Abstrachteft gegen
einen Beitrag von € 15,- am Tagungsort kaufen.

Kreditkarten können nicht akzeptiert werden.

Öffnungszeiten des Tagungsbüros

Donnerstag, 26.02.2004	14:00 – 20:00 Uhr
Freitag, 27.02.2004	08:00 – 18:00 Uhr
Samstag, 28.02.2004	08:30 – 14:00 Uhr

Tagungsorganisation

Vorträge	Redezeit	7 Min
	Diskussion	3 Min

Projektion Die Projektion der Vorträge erfolgt ausschließlich mit 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 mit Office 2000 auf einem PC geöffnet werden können. Beamer (ausschließlich PowerPoint Präsentation) ist verfügbar: Abgabe einer Disk / CD Rom mindestens 30 Min. vor Beginn der Sitzung

Poster Stellwand pro Poster (Breite: 90 cm, Höhe: 150 cm)
Befestigungsmaterial wird gestellt

Wir weisen darauf hin, dass sich anlässlich der ADF-Tagung Arbeitsgruppen treffen.

Treffen am **Mittwoch, 25. Februar 2004 am Tagungsort** (Hörsaalzentrum):

AG Dermato-Endokrinologie	Raum E03	09:00 – 18.40 Uhr
AG Genomik und Proteomik	Raum 201	13:30 – 18:00 Uhr

Treffen am **Donnerstag, 26. Februar 2004 am Tagungsort** (Hörsaalzentrum):

AG Endothel		10:30 Uhr
AG Analytische Morphologie und Experimentelle Dermatoonkologie	Raum 105	11:30 – 14:00 Uhr

Weitere Auskünfte sowie Ort und Zeit der Treffen anderer Arbeitsgruppen sind beim jeweiligen AG-Leiter zu erfragen (ADF-Homepage www.adf-online.de).

Zur XXXI. Tagung der Arbeitsgemeinschaft Dermatologische Forschung

Liebe Kolleginnen und Kollegen,

in diesem Jahr sind 298 Abstracts eingegangen, aus denen wir auf Grundlage der Bewertungen unserer Gutachter 36 als Vortrag ausgewählt haben. Die Anzahl der mündlichen Beiträge wurde etwas reduziert, um Raum zu schaffen für eine neue Präsentationsform – die QuoVadis Vorträge. Diese sollen aktuelle, auch kontroverse Themen provokant beleuchten und „Wege“ aufzeigen, wohin die Forschung gehen könnte - um unsere jungen Forscher zu interessieren und zu motivieren. Als Motivation verstehen wir auch die erstmalige Vergabe der beiden ADF-Preise, ferner die höhere Dotierung der sechs zu vergebenden Posterpreise. Allen Sponsoren sei an dieser Stelle ausdrücklich gedankt.

Wie immer können alle Poster während der gesamten Tagungsdauer ausgestellt und besichtigt werden. Im Rahmen der Postersessions werden wieder eine Reihe von Posterwalks zu verschiedenen Themen stattfinden. In Abänderung des bisherigen Usus möchten wir deshalb die Posterautoren bitten, wenn möglich während aller drei Postersessions bei ihren Arbeiten zur Diskussion anwesend zu sein. Die von der Posterkommission ausgewählten besten Poster werden in einer speziellen Sitzung präsentiert, wobei die Preisvergabe eine Kurzdarstellung der Arbeit während der Sitzung voraussetzt.

Thema des Workshops ist die „Endocrinology“ - freuen Sie sich auf ein spritziges und inhaltsreiches Programm, zusammengestellt von R. Paus, M. Böhm und K. Asadullah. Weitere Highlights der Tagung sind natürlich die Günther-Goerz-Gedächtnisvorlesung, bei der Georg Stingl die Frage stellt: „*Dermatologische Forschung in Europa: eine Erfolgsstory in Fortsetzung?*“, sowie der Wissenschaftliche Gastvortrag zum Thema "*Lipid rafts and cell membrane organization*", der von Kai Simons gehalten wird.

Wir hoffen, durch die Kombination von Altbewährtem und Neuem ein besonders ansprechendes und vielfältiges Programm zusammengestellt zu haben und freuen uns sehr auf Ihr Kommen.

Auf Wiedersehen in Dresden !

Für den Vorstand der ADF

Eckhart Kämpgen

Cornelia Mauch

Gerald Messer

Der Vorstand der ADF bedankt sich herzlich bei den Gutachtern der Beiträge für die ADF 2004, den Mitgliedern der Posterkommissionen und allen Posterwalkern.

Experten für die Abstraktbegutachtung

Johannes Weiss, Ulm
Stefan Beisert, Münster
Jörn Elsner, Hannover
Helmut Jonuleit, Mainz
Christos Zouboulis, Berlin
Manfred Kunz, Rostock
Joachim Bartels, Kiel
Maria Sibilia, Wien
Mark Berneburg, Düsseldorf
Karin Hartmann, Köln
Maurizio Podda, Frankfurt
Andreas Eggert, Würzburg
Michael Schön, Magdeburg
Thomas Tüting, Bonn
Rudolf Rupec, München
Michael Sticherling, Leipzig
Esther v. Stebut, Mainz
Jens Baron, Aachen
Meinhard Wlaschek, Ulm

Posterkommission 1 (ungerade Nummern)

U. Hengge
M. Schön
E. Schultz
A. Schneeberger

Posterkommission 2 (gerade Nummern)

G. Wozel
N. Sepp
R. Rupec
T. Zollner

Posterwalks

Während der Postersessions finden Posterwalks zu folgenden Themen statt: Psoriasis (W.-H. Boehnke), T-Zell medierte Autoimmunität (M. Hertl), Tumorthherapie/Dendritische Zellen (S. Goerd), Tumorbilogie (J. Simon), Bullöse Autoimmundermatosen (D. Zillikens), Endokrinologie (Ch. Zouboulis).

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

WISSENSCHAFTLICHES PROGRAMM

Donnerstag, 26. Februar 2004

13.30 - 14.45 **Poster anbringen und Registrierung**

14.55 - 15.00 **BEGRÜSSUNG**

15.00 - 16.00 **Vorträge I**

Vorsitz: M. Meurer, E. Kämpgen, O. Braun-Falco

- V01** **15:00** **Dependence of functional lymphoid tissue on lymphotoxin-alpha.** D. Schrama, A. O. Eggert, J. C. Becker; Würzburg
- V02** **15:10** **Generation of regulatory T cells from naive human and murine T cells by retroviral gene transfer of Foxp3.** K. Loser, W. Hansen, A. M. Westendorf, R. Geffers, D. Bruder, M. Probst-Keppler, J. Buer, S. Beissert; Muenster
- V03** **15:20** **Ephrin-B2 dependent cell-cell contact signaling induces migration competence and apoptosis resistance in B16 melanoma cells.** T. Vogt, S. Meyer, C. Hafner, I. Hagen, E. Geissler, B. Becker, M. Landthaler; Regensburg
- V04** **15:30** **cFLIPL inhibits death receptor-mediated NF- κ B activation and apoptosis induction at the death-inducing signalling complex (DISC) in human keratinocytes.** T. Wachter, D. Hausmann, A. Kerstan, K. McPherson, G. Stassi, E. B. Broecker, M. Leverkus; Würzburg
- V05** **15:40** **CCL18 is upregulated in atopic dermatitis and mediates in vivo recruitment of T cell into human skin.** C. Guenther, T. Biedermann, C. Bello-Fernandez, S. Fassl, N. Carballido, J. Kund, S. Hinteregger, C. Schwaerzler, G. Lametschwandtner, J. Carballido; Wien
- V06** **15:50** **Keratin5-Cre/LoxP mediated deletion of Vascular Endothelial Growth Factor severely compromises Mammary Gland Function.** H. Rossiter, C. Barresi, M. Ghannadan, C. Wu, E. Wagner, E. Tschachler; Wien

16.00 – 16.20 ***Quo Vadis Vortrag I***

R. Happle, Marburg

Muster auf der Haut: Neues zu den entwicklungsbiologischen und genetischen Ursachen

16.20 - 16.50 **PAUSE**

WISSENSCHAFTLICHES PROGRAMM

Donnerstag, 26. Februar 2004

16.50 - 20.10 WORKSHOP

Endocrinology

Organisation: R. Paus, M. Böhm, K. Asadullah

- 16:50 – 17:20 A. Cato, Karlsruhe (Introduction: K. Asadullah)
New Aspects of Glucocorticoid Action
- 17:20 – 17:50 C. Zouboulis, Berlin (Introduction R. Paus)
New horizons in the endocrinology of the sebaceous gland
- 17:50 – 18:20 J. Reichrath, Homburg/Saar (Introduction: K. Asadullah)
Immunomodulatory effects of vitamin D and analogues
- 18:20 – 18:45 - *Coffee break* -
- 18:45 – 19:15 K. Schallreuter, Bradford (Introduction R. Paus)
Perspectives in cutaneous catecholamine biology
- 19:15 – 19:45 M. Böhm, Münster (Introduction: K. Asadullah)
Non-pigmentary effects of alpha MSH in the skin
- 19:45 – 20:15 M. Holick, Boston (Introduction R. Paus)
PTH/PTHrp and the skin

20.15 - 22.00 POSTERSESSION
BEI SNACKS UND GETRÄNKEN

WISSENSCHAFTLICHES PROGRAMM

Freitag, 27. Februar 2004

08.30 - 09.30 Vorträge II

Vorsitz: C. Mauch, F. Nestle

- V07 08:30 **CXCR6 and its ligand CXCL16 mediate T cell recruitment into psoriatic skin.** T. Biedermann, C. Guenther, N. Carballido, S. Fassl, S. Hinteregger, J. Kund, J. Carballido; Vienna
- V08 08:40 **UV-induced tolerance is thymus-dependent.** Y. Aragane, T. Tezuka, T. Schwarz; Osaka
- V09 08:50 **Deficiency of the Retinoblastoma Binding Protein 2-Homolog 1 (RBP2H1) in human malignant melanoma: A new mechanism contributing to uncontrolled growth.** A. Roesch, B. Becker, C. Hafner, M. Landthaler, T. Vogt; Regensburg
- V10 09:00 **Design of a novel proteolysis resistant VEGF165 variant.** D. Roth, M. Piekarek, T. Krieg, S. A. Eming; Köln
- V11 09:10 **Cancer Regression induced by Immunostimulatory CpG Oligodeoxynucleotides in Patients with Metastatic Melanoma: Results of a Clinical Phase II Trial.** M. Pashenkov, G. Goess, C. Wagner, A. Schneeberger, A. M. Krieg, G. Stingl, S. N. Wagner, . for the C003 Study Group; Vienna
- V12 09:20 **Mutations in ALOX12B and ALOXE3 cause decreased synthesis and impaired activity of epidermal lipoxygenases in autosomal recessive congenital ichthyosis (ARCI).** K. M. Eckl, P. Krieg, F. André, W. Kuester, E. Seemanová, I. Verma, H. Traupe, G. Fuerstenberger, H. C. Hennies; Berlin

09.30 - 09.50 *Quo Vadis Vortrag II*

Th. Schwarz, Münster

Phototherapie im Zeitalter der Biologicals: brauchen wir sie noch?

09.50 - 10.20 P A U S E

10.20 - 11.10 Vorträge III

Vorsitz: J. Frank / W.H. Boehncke

- V13 10:20 **The dynamics of T-APC encounters visualized in living mice by intravital microscopy.** A. Hillmer, K. E. Dittmar, M. Gunzer; Braunschweig
- V14 10:30 **Macrophage dependent inflammatory skin disease resembling psoriasis in mice with epidermis specific deletion of I kappa B kinase 2.** A. Stratis, R. Pofahl, K. Rajewsky, T. Krieg, M. Pasparakis, I. Haase; Köln
- V15 10:40 **Loss of Raf Kinase Inhibitor Protein (RKIP) expression contributes to constitutively active Ras-signalling.** M. M. Schuierer, F. Bataille, S. Hagan, W. Kolch, A. Bosserhoff; Regensburg

WISSENSCHAFTLICHES PROGRAMM

Freitag, 27. Februar 2004

- V16 10:50 **Vanilloid receptor subtype 1 (VR1/TRPV1) is present on sensory nerve fibers and mast cells contributing to nociceptive cutaneous sensations.** S. Staender, C. Moormann, M. Schumacher, M. Artuc, D. Metze, T. A. Luger, M. Steinhoff; Muenster
- V17 11:00 **Protease IV from *Pseudomonas aeruginosa* induces human beta-defensin 2 and interleukin 8 in keratinocytes.** G. Schmeling, L. Schwichtenberg, O. Wiedow; Kiel
- V18 11:10 **Experimental photopheresis induces regulatory T cells.** A. Maeda, A. Schwarz, K. Kernebeck, T. Schwarz; Muenster

**11.20 - 13.30 POSTERSESSION
(Posterwalks, Sandwiches + Softdrinks)**

**13.30 - 14.30 Vorträge IV
Vorsitz: S. Wagner, J. Becker**

- V19 13:30 **Early Interleukin 4 administration promotes TH1-driven, protective anti-cancer immunity.** P. Luehrs, T. Biedermann, W. Schmidt, G. Stingl, M. Roegen, A. Schneeberger; Wien
- V20 13:40 **Targeting of tumor antigens to dendritic cells in vivo induces protective tumor immunity in a B16 melanoma model.** Y. Qian, K. Mahnke, J. Brueck, J. Knop, A. Enk; Mainz
- V21 13:50 **Histone deacetylase inhibitors (HDAI) induce apoptosis, yet relatively little viral replication, in tumor cells infected with Kaposi's sarcoma-associated herpesvirus (KSHV).** A. Niedermeier, N. Talanin, E. Chung, D. Borris, J. Orenstein, J. Trepel, A. Blauvelt; Bethesda, MD
- V22 14:00 **IL-3 induces expression of a lymphatic phenotype.** M. Groeger, R. Loewe, W. Holnthoner, R. Embacher, M. Pillinger, S. Herron, K. Wolff, P. Petzelbauer; Wien
- V23 14:10 **Type 2 segmental Hailey-Hailey disease originating from early loss of heterozygosity: Molecular confirmation of a novel genetic concept.** P. Poblete-Gutiérrez, T. Wiederholt, A. Koenig, F. K. Jungert, Y. Marquardt, A. Ruebben, H. F. Merk, R. Happle, J. Frank; Aachen
- V24 14:20 **The osmolyte taurine plays a critical role in ultraviolet B radiation-induced immunosuppression.** N. Schade, I. Felsner, U. Warskulat, A. Schwarz, T. Schwarz, S. Grether-Beck, C. Esser, D. Haeussinger, J. Krutmann; Düsseldorf

14.30 – 14.50 *Quo Vadis Vortrag III*

A. Enk, Heidelberg

Die Immuntherapie metastasierender Tumore - eine einzige, frustrierende Sinnlosigkeit ?

WISSENSCHAFTLICHES PROGRAMM

Freitag, 27. Februar 2004

14.50 - 15.20 **Verleihung der ADF-Preise ***
Vorsitz: E. Kämpgen

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

15.20 - 16.00 **P A U S E**

16.00 – 17:00 **GÜNTER GOERZ VORLESUNG**

Prof. Dr. G. Stingl

**Direktor der Abteilung für Immundefmatologie und infektiöse
Hautkrankheiten der Universitätshautklinik Wien**

*„Dermatologische Forschung in Europa:
eine Erfolgsstory in Fortsetzung ?“*

Einführung: S. Wagner

17.00 - 19.00 **Mitgliederversammlung**

* Die ADF dankt den Sponsoren 3M und BIOGEN.

Freitag, 27. Februar 2004

20.00 - 23.00 Gesellschaftsabend

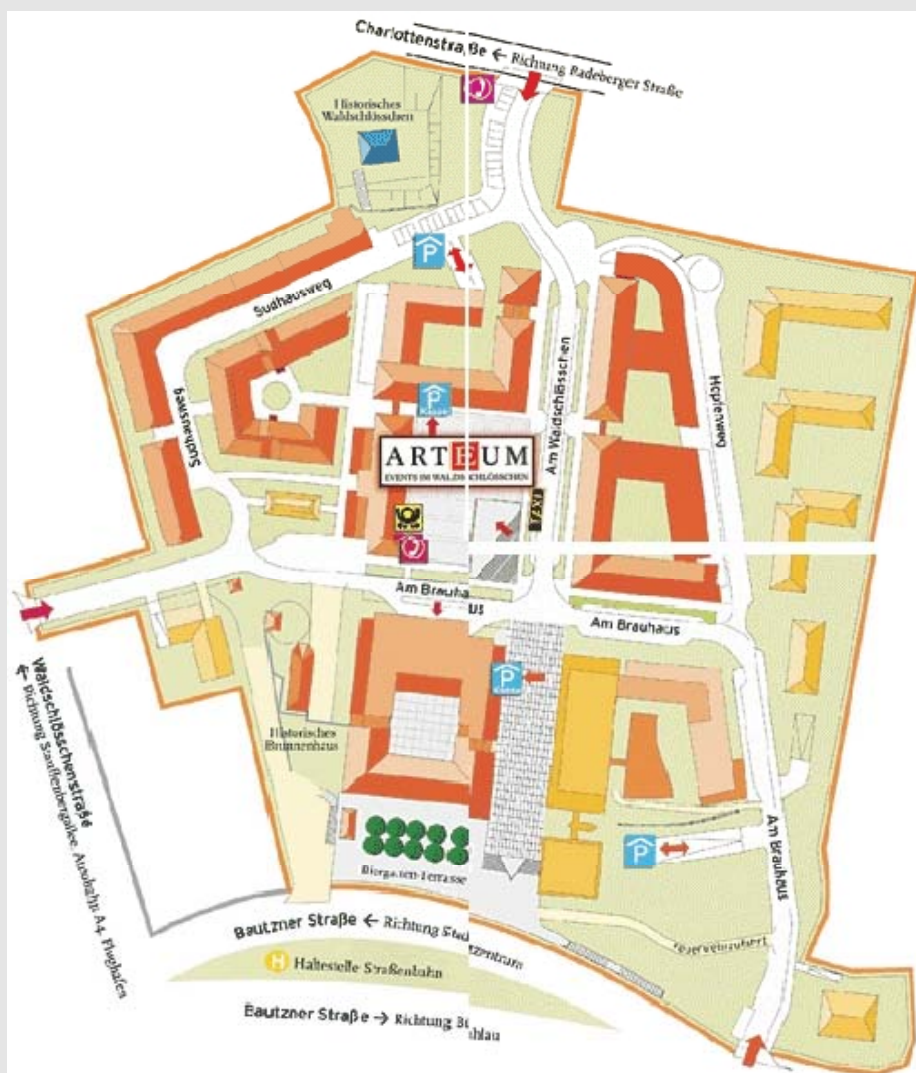
im Arteum im Waldschlösschen
Am Brauhaus 3
01099 Dresden

In den Gewölben von Deutschlands erster Aktienbrauerei, im Waldschlösschen, findet man heute eine der individuell nutzbarsten Event-Locations Dresdens.

Ein idealer Ort zum Feiern!

Anreise:
Tram Linie 11 bis Waldschlösschen

Busshuttle nach der Mitgliederversammlung
vom Hörsaalzentrum direkt zum Arteum



WISSENSCHAFTLICHES PROGRAMM

Samstag, 28. Februar 2004

08.30 - 09.30 Vorträge V

Vorsitz: G. Messer, B. Lehmann

- V25 08:30 **Leukocyte redistribution by systemic administration of imidazoquinolines.** Y. Basoglu, M. Gunzer, H. Riemann, M. Steinert, T. Scholzen, C. Sunderkoetter, B. Ernst, B. Benninghoff, S. Grabbe; Münster
- V26 08:40 **Epidermal Effects of Peroxisome Proliferator Activated Receptor (PPAR)-Delta Activation.** M. Schmuth, C. M. Haqq, M. Mao-Quiang, Y. Uchida, T. M. Willson, P. M. Elias, K. R. Feingold; Innsbruck
- V27 08:50 **Cockayne Syndrome A and B proteins and repair of oxidative damage to mitochondrial DNA: Mechanism of import and functional relevance in vivo.** M. Fousteri, V. Kuersten, M. Roecken, L. Mullenders, J. Krutmann, M. Berneburg; Leiden
- V28 09:00 **Expression of matrix metalloproteases 2, 9, 13 and 14 in skin tumours of human papillomavirus type 8 transgenic mice.** R. Lindemann, B. Akguel, P. Marcuzzi, P. Zigrino, H. Pfister, C. Mauch; Cologne
- V29 09:10 **Structure and role of collagen XVIII/endostatin in basement membranes.** A. G. Marneros, D. Keene, U. Hansen, N. Fukai, K. Moulton, P. Goletz, G. Moiseyev, B. Pawlyk, B. Pawlyk, W. Halfter, S. Dong, M. Shibata, T. Li, R. Crouch, P. Bruckner, B. R. Olsen; MA
- V30 09:20 **Inhibition of EGF-R/Akt signalling pathway and Induction of Apoptosis in Human Keratinocytes after Treatment with Light Activated Curcuma longa Extract.** J. Dujic, S. Kippenberger, S. Simon, A. Ramirez-Bosca, J. Bereiter-Hahn, R. Kaufmann, A. Bernd; Frankfurt/Main

09.30 - 09.50 *Quo Vadis Vortrag IV*

E. Tschachler, Wien

Wozu ist das Nervensystem der Haut wirklich gut ?

09.50 – 10.20 P A U S E

10.20 - 11.20 Vorträge VI

Vorsitz: J. Baron, U. Trefzer

- V31 10:20 **Chemokines Orchestrate Epithelial and Stromal Cell Migration in Cutaneous Wound Healing.** E. Buenemann, M. Zepeda, A. Mueller, A. Zlotnik, B. Homey, Düsseldorf
- V32 10:30 **Human beta-defensin-2 induction in keratinocytes is controlled by NF- κ B and AP1.** K. Wehkamp, L. Schwichtenberg, J. M. Schroeder, J. Harder; Kiel
- V33 10:40 **Differentiation of murine embryonic stem cells into keratinocyte- like cells, their isolation and cultivation.** I. Haase, R. Knaup, M. Wartenberg, H. Sauer, G. Mahrle; Köln

WISSENSCHAFTLICHES PROGRAMM

Samstag, 28. Februar 2004

- V34 10:50 **Impaired Th1 responses in Epstein-Barr virus-induced gene 3 (EBI3)-deficient mice challenged with physiological doses of Leishmania major.** S. Zahn, S. Wirtz, J. Knop, M. F. Neurath, E. von Stebut ; Mainz
- V35 11:00 **Shift from systemic to site specific memory by tumor-targeted interleukin 2.** H. Voigt, D. Schrama, A. Eggert, E. Kaempgen, J. C. Becker; Würzburg
- V36 11:10 **Evidence for a novel molecular pathway that mediates ultraviolet (UV) B radiation-induced gene expression.** E. Fritsche, U. Huebenthal, J. Krutmann, J. Abel; Duesseldorf

**11.20 - 13.30 POSTERSESSION
(Posterwalks, Sandwiches + Softdrinks)**

13.30 - 14.30 GASTVORTRAG

Prof. Dr. K. Simons

**Max-Planck-Institut für Molekulare Zellbiologie und Genetik,
Dresden**

"Lipid rafts and cell membrane organization"

Einführung: E. Kämpgen

**14.30 - 15.00 POSTERPRÄSENTATION
Trends and Highlights
Verleihung der Posterpreise ***

15:00 Uhr ENDE DER TAGUNG

* Die ADF dankt dem Sponsor HERMAL.

Postersession I (ungerade Zahlen) und Postersession II (gerade Zahlen):

Donnerstag, den 26.02.2004, 20.15 – 22.00 Uhr

Postersession I: Freitag, den 27.02.2004, 11.20 – 13.30 Uhr

Postersession II: Samstag, den 28.02.2004, 11.20 – 13.30 Uhr

Allergologie

- P001 Aachen Atopy Array: A novel allergen chip technique for the analysis of serum IgE antibodies to recombinant latex allergens.** C. M. Schröder, H. Ott, H. Merk, J. M. Baron; Aachen
- P002 Inhibition of IgE synthesis by docosahexaenoic acid (DHA) in different allergy models.** C. Koch, S. Lescau, R. Ruehl, F. J. Schweigert, U. Herz, M. Worm; Berlin
- P003 Tuning the immune response by allergen carriers: Th2-polarization induced by pollen associated lipid mediators (PALMs).** C. Traidl-Hoffmann, V. Mariani, H. Hochrein, M. Müller, J. Ring, H. Behrendt, T. Jakob; München
- P004 Inhibition of the IL-4/IL-13 receptor system in a mouse model for atopic dermatitis.** C. Hahn, E. B. Broecker, H. Matsuda, S. M. Grunewald; Wuerzburg
- P005 Contact hypersensitivity to TNCB but not to DNFB in $\beta 2$ microglobulin deficient mice.** S. Martin, J. C. Simon, J. C. Dudda; Freiburg
- P006 Delayed type hypersensitivity reactions to pollen derived factors.** K. Eyerich, J. Huss-Marp, U. Darsow, J. Ring, H. Behrendt, C. Traidl-Hoffmann; München
- P007 Th2 cytokines inhibit bacteria-induced human beta-defensin-2 expression in keratinocytes.** J. Harder, M. Töteberg, B. Rudolph, K. Wehkamp, L. Schwichtenberg, J. M. Schröder; Kiel
- P008 Novel mutation in connexin-26 causes conformational changes and causes KID syndrome.** C. Has, C. Franzke, L. Bruckner-Tuderman; Freiburg
- P009 Capillary blood derived allergy diagnostic in children with bronchial asthma and seasonal allergic rhinitis using CHIP technology.** H. Ott, C. M. Schröder, M. Barker, H. F. Merk, J. M. Baron; Aachen
- P010 Stress worsens allergic dermatitis.** E. M. Peters, B. F. Klapp, P. C. Arck; Berlin
- P011 Antioxidative Activity of Airborne Pollen is Species Specific.** M. Thiel, C. Traidl-Hoffmann, U. Risse, C. Michel, W. Bors, H. Behrendt; Muenchen
- P012 Twelve-Week Topical Treatment of Androgenetic Alopecia with a 5% Minoxidil Solution Promotes Hair Growth by Increasing the Ratio of Terminal/Vellus Hair and the Number of Ki67+ Proliferating Hair Follicle Cells in Horizontal Skin Sections.** R. Schopf, M. Bress; Mainz

Andrologie

- P013** **Betulinic Acid Triggers Disruption Of Mitochondrial Membrane Potential (MMP) In Ejaculated Human Spermatozoa.** U. Paasch, S. Dathe, S. Grunewald, H. Glander; Leipzig
- P014** **Active Apoptosis Cascade In Impaired Human Spermatogenesis.** S. Grunewald, C. Sorger, U. Paasch, J. Schaller, H. J. Glander; Leipzig
- P015** **The relevance of Chlamydial heat shock protein 60 in the diagnosis of Chlamydia trachomatis infections.** U. Hipler, G. Schreiber; Jena

Dermatopathologie

- P016** **An automated method for the quantification and fractal analysis of immunostaining.** A. Gerger, P. Bergthaler, J. Smolle; Graz
- P017** **In situ zymography under neutral and acidic conditions demonstrates predominant acidic protease activity in bullous pemphigoid.** R. Denhöfer, H. Brehm, A. Klose, N. Hunzelmann; Köln
- P018** **Parakeratotic keratinization is associated with a reduced epidermal expression of N-methyl-D-aspartate receptors (NMDAR1).** M. Fischer, T. William, P. Helmbold, W. C. Marsch; Halle (Saale)
- P019** **High Sensitivity And Reproducibility Of Immunohistochemistry By Micro-Agitation.** I. Nindl, T. Schmook, C. Ulrich, A. Toegl, W. Sterry, E. Stockfleth; Berlin
- P020** **Clinically equivocal melanocytic skin lesions with features of regression-a dermoscopic-pathologic study.** I. Zalaudek, G. Argenziano, G. Ferrara, P. Soyer, R. Corona, F. Sera, L. Cerroni, A. Carbone, A. Chiominto, L. Cicale, G. De Rosa, A. Ferrari, R. Hofmann-Wellenhof, J. Malvehy, K. Perris, M. A. Pizzichetta, S. Puig, M. Scalvenzi, S. Staibano, V. Ruocco; Graz
- P021** **Induction of differentiation in a human skin organ culture model by telomere-homologue oligonucleotides (T-oligos) in comparison to 1,25 dihydroxy-Vitamin D3 (VitD3) and all-trans retinoic acid (ATRA).** I. Hadshiew, K. Barre, I. Moll; Hamburg
- P022** **Altered apoptosis and cell cycling of mast cells in bone marrow lesions of patients with systemic mastocytosis.** S. E. Baldus, T. Zirbes, J. Thiele, B. M. Henz, K. Hartmann; Cologne

Genetik

- P023** **Identifying hereditary *mut S homolog 2* defects in dermatological patients: Novel genotype-phenotype correlation with impact on internal cancer prevention.** R. Kruse, C. Pagenstecher, M. Leister, M. Mathiak, A. Rütten, W. Friedl, P. Propping, T. Ruzicka, E. Mangold; Duesseldorf
- P024** **Changes of Gene Expression in PMA Stimulated Murine PAM212 Cells Using Micro Array Analysis.** R. Panzer, M. Schunck, C. Schoeneich, E. Proksch, J. Jensen; Kiel
- P025** **Differential expression of transglutaminases in LEKTI deficient skin may explain the impaired**

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- epidermal barrier in Netherton syndrome.** V. Oji, M. Raghunath, L. Tontsidou, F. Schürmeyer-Horst, A. Jayakumar, G. Beljan, H. Ständer, J. Smolle, G. L. Clayman, H. Traupe; Münster
- P026 Variations in the genes encoding the peroxisome proliferator-activated receptors α and γ in psoriasis.** R. Mössner, P. Matern, R. Kaiser, U. Krüger, G. Westphal, I. R. König, K. Reich; Göttingen
- P027 Comparison of SAGETM expression profiles of inflammatory skin diseases.** B. Peters, M. Birth, B. Schaffrath, K. Hofmann, C. Mauch, J. M. Baron, T. Krieg, H. Merk, T. Bieber, A. Bosio; Koeln
- P028 Genome Scans Provide Evidence for Keloid Susceptibility Loci on Chromosomes 2q and 7p.** A. G. Marneros, J. Norris, S. Watanabe, E. Reichenberger, B. R. Olsen; Boston
- P029 The contribution of corneodesmosin to androgenetic alopecia.** R. C. Betz, S. Hanneken, T. G. Schultze, G. M. Kukuk, S. Ritzmann, A. M. Hillmer, C. Metzen, S. Cichon, T. Ruzicka, P. Propping, R. Kruse, M. M. Noethen; Antwerp
- P030 Functions of NF- κ B essential modulator in epidermal keratinocytes.** A. N. Funteh, A. Nenci, M. Schmidt-Supprian, K. Rajewsky, T. Krieg, M. Pasparakis, I. Haase; Cologne
- P031 Interferon regulatory factor 2 is associated with type 1 psoriasis.** J. Foerster, I. Nolte, C. Ehlert, M. Bruinenberg, K. Spaar, G. van der Steege, M. Mulder, V. Kalscheuer, S. Schweiger, B. Moser, Z. Kijas, P. Seeman, M. Ständer, W. Sterry, G. te Meerman; Berlin
- P032 Single cell comparative genomic hybridization (SCOMP) in dermatological research.** J. R. Fischer, O. Schmidt-Kittler, N. H. Stöcklein, G. Fierlbeck, C. A. Klein; München
- P033 Treatment of Human Skin with Retinoic Acid Highly Induces Aldehyde Dehydrogenase 6 (ALDH6).** U. König, J. Bach, E. Tschachler; Wien
- P034 The molecular basis of porphyria cutanea tarda in Chile: Identification and functional characterization of mutations in the uroporphyrinogen decarboxylase gene.** T. Wiederholt, P. Poblete-Gutiérrez, M. Mendez, H. F. Merk, A. Fontanellas, C. Wolff, J. Frank; Aachen

Immunologie

- P035 Role of junctional adhesion molecules (JAMs) in leukocyte recruitment into skin.** R. J. Ludwig, T. M. Zollner, S. Santoso, K. Hardt-Weinelt, R. Kaufmann, W. Boehncke, M. Podda; Frankfurt am Main
- P036 UV-induced regulatory T cells inhibit the effector phase of contact hypersensitivity only upon injection into the area of challenge.** A. Schwarz, A. Maeda, M. Wild, K. Kernebeck, N. Gross, S. Beissert, D. Vestweber, T. Schwarz; Muenster
- P037 Role of Dendritic cells in establishment and reprogramming of tissue selective CD8⁺ T cell trafficking to gut versus inflamed skin.** J. Dudda, J. C. Simon, S. Martin; Freiburg
- P038 Defect of CD8⁺ CD28⁻ cytotoxic T regulatory cells in patients with atopic dermatitis.** A. Ambach, A. A. Weren, B. Bonnekoh, B. Schraven, H. Gollnick; Magdeburg

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- P039** Use of HLA transgenic mice and predictive algorithms for the identification of a new HLA-DR3 restricted epitope from the TRP2 (Tyrosinase related protein 2) melanoma differentiation antigen. A. Paschen, W. Osen, M. Song, I. Drexler, G. Sutter, H. Kropshofer, D. Schadendorf; Mannheim
- P040** Papillomavirus-Like Particle Amyloid Beta Vaccine Induces Strong Antibody Response. A. Handisurya, R. Kirnbauer; Vienna
- P041** Subsets of murine blood monocytes in infection. C. Sunderkoetter, P. Leenen, T. Nikolic, J. Ehrchen, A. Sindrilaru, D. Drevets; Ulm
- P042** Early cytoskeletal rearrangement during Dendritic Cell maturation enhances synapse formation and Ca²⁺ signalling in CD8+ T-cells. M. Averbeck, T. Braun, G. Pfeifer, J. Sleeman, J. Dudda, S. Martin, B. Kremer, K. Aktories, J. C. Simon, C. Termeer; Freiburg
- P043** Identification of a melanoma-associated chondroitin sulfate proteoglycan (MCSP) peptide recognized by CD4+ T lymphocytes on human melanoma cells. C. S. Erfurt, C. Heirman, K. Thielemans, G. Schuler, E. S. Schultz; Erlangen
- P044** *In vivo* effect of CD4+CD25+ regulatory T cells on hapten induced leukocyte-endothelium interaction in the murine model of skinfold chamber. S. Ring, S. Schäfer, H. Lehr, A. Enk; Mainz
- P045** Characterization of mutational mechanisms causing lack of HLA class I molecule expression on different melanoma cell lines. A. Sucker, A. Paschen, M. Maio, D. Schadendorf; Mannheim
- P046** Identification of Toll-like receptors and characterisation of the signal transduction pathway during *Candida albicans* infections. A. Roeder, C. J. Kirschning, M. Schaller, H. Wagner, H. C. Korting, R. A. Rupec; München
- P047** Langerhans Cells, Dermal Dendritic Cells And Monocyte-Derived Dendritic Cells Are Distinct Subsets of Myeloid Dendritic Cells Defined By Diverse Functional Properties. G. Ratzinger, M. de Cos, J. Reagan, J. W. Young; Innsbruck
- P048** The antimicrobial peptide Dermcidin is not induced in epidermal keratinocytes under inflammatory skin conditions. S. Rieg, C. Garbe, B. Sauer, H. Kalbacher, B. Schitteck; Tuebingen
- P049** Role of CD137 ligand in differentiation and activation of human immature dendritic cells. U. Lippert, K. Zachmann, E. Brunner, M. Latif, C. Neumann, A. Soruri; Goettingen
- P050** Soluble CD83 Inhibits Experimental Autoimmune Encephalomyelitis (EAE) In Mice. E. Zinser, M. Lechmann, A. Golka, M. Lutz, A. Steinkasserer; Erlangen
- P051** Two distinct subpopulations of CD25⁺ regulatory T cells in a model of infectious tolerance. C. Müller, S. Fondel, M. Stassen, T. Bopp, C. Richter, E. Schmitt, H. Jonuleit; Mainz
- P052** Desmoglein 3 (Dsg3)-Specific T Regulatory 1 (TR1) Cells In Patients With Pemphigus Vulgaris (PV) And Healthy Individuals. C. Veldman, A. Höhne, D. Dieckmann, G. Schuler, M. Hertl; Erlangen

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- P053 Human CD4+CD25+ T cells regulate Th2 cytokine production depending on the allergen concentration.** I. Bellinghausen, B. Klostermann, I. Boettcher, J. Knop, J. Saloga; Mainz
- P054 Optimizing the Antigen loading of Dendritic Cells with Exogenous Peptides.** D. Dieckmann, B. Ring, E. Schultz, G. Schuler; Erlangen
- P055 Immunological consequences of the sentinel lymph node biopsy.** C. Ziegler, D. Schrama, E. Bröcker, J. C. Becker; Würzburg
- P056 The protease inhibitor Hurpin is overexpressed in inflammatory and neoplastic skin diseases.** H. Moussali, M. Walz, T. Welss, H. F. Abts, T. Ruzicka; Düsseldorf
- P057 Th-1 cytokines in alopecia areata pathogenesis: IFN- γ is essentially involved while IL-2 plays a minor role.** P. Freyschmidt-Paul, M. Zöller, K. J. McElwee, J. P. Sundberg, R. Happle, R. Hoffmann; Marburg
- P058 Novel Mutation in ZAP70 revealed by Chromosomal Mapping and Sequencing of Candidate Genes of a Hyper IgE Mouse Mutant Generated by Genome Wide Mutagenesis.** H. Flaswinkel, D. Soewarto, G. Koellisch, M. Hrabe de Angelis, K. Pfeffer, J. Ring, E. Wolf, H. Behrendt, T. Jakob; München
- P059 Role of the CD137 ligand in human mast cells.** U. Lippert, M. Babina, H. Schwarz, K. Zachmann, M. Knosalla, P. Middel, B. Henz, C. Neumann; Goettingen
- P060 Gene expression analysis of psoriasis vulgaris using custom made microarrays.** M. Weichenthal, C. Leopold, R. Haesler, R. Glaeser, M. Suchan, S. Schreiber, D. Kabelitz, E. Christophers, S. Jenisch; Kiel
- P061 Human epidermal Langerhans cells differ from monocyte-derived Langerhans cells in CD80 expression and in secretion of IL-12 and IL-10 after CD40 crosslinking.** M. Peiser, R. Wanner, G. Kolde; Berlin
- P062 Activation of MAP kinase p38 is required for cell cycle-mediated regulatory function of T cells.** H. Adler, S. Kubsch, S. Ludwig, E. Graulich, J. Knop, K. Steinbrink; Mainz
- P063 HLA class II transgenic mice as a model for the human CD4+ T cell response to desmoglein 3 in pemphigus vulgaris.** R. Eming, K. C. Visconti, A. Mainka, M. Hertl, G. Sonderstrup; Erlangen
- P064 B cells are not required for effector T cell activation during contact hypersensitivity and tolerance to contact allergens.** W. Seidel-Guyenot, R. Alt, S. Perschon, J. Knop, K. Steinbrink; Mainz
- P065 Are they different? Langerhans cells in the steady state versus inflammation.** P. Stoitzner, S. Saeland, N. Romani; Innsbruck
- P066 Th1 or Th2 cell programming by pro-inflammatory blood dendritic cells upon Toll-like receptor 4(TLR4)- ligation depends on the first six hours of spontaneous maturation.** K. Schäkel, M. von Kietzell, E. Annette, K. Rückert, L. Schulze, P. Rieber; Dresden
- P067 Evidence for functional expression of Toll-like receptors (TLRs) in human keratinocytes.** G. V. Köllisch, B. Naderi Kalali, H. Behrendt, J. Ring, S. Bauer, T. Jakob, M. Mempel, M. Ollert; Neuherberg
- P068 Treatment Of B-Cells With Rituximab Promotes Cross Priming Of Autologous Cytotoxic T-Cells By**

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- Bystander DC.** N. Selenko-Gebauer, O. Majdic, U. Jäger, C. Sillaber, J. Stöckl, W. Knapp; Wien
- P069 Cytokines expressed by stimulated epidermal Langerhans cells: An update.** M. Peiser, R. Wanner, G. Kolde; Berlin
- P070 Granulocyte-Derived Elastase Is Required for Dermal-Epidermal Separation of Human Skin Induced by Autoantibodies from Patients with Bullous Pemphigoid.** I. Shimanovich, G. J. Oostingh, E. Broecker, D. Zillikens, C. Sitaru; Wuerzburg
- P071 Intraepidermal T cells expressing the collagen-binding integrin $\alpha_1\beta_1$ (VLA-1) are required for development of psoriasis.** C. Conrad, O. Boyman, A. de Fougerolles, H. Gardner, F. Nestle; Zuerich
- P072 LFA-1 Function On Dendritic Cells Is Regulated By Cytip.** G. Varga, K. Wethmar, D. Vestweber, K. Scharffetter-Kochanek, W. Kolanus, S. Grabbe; Muenster
- P073 Autoreactive T helper 1 and 2 cells against desmoglein 1 in patients with pemphigus foliaceus and HLA class II matched healthy individuals.** K. L. Gebhard, C. M. Veldman, R. Wassmuth, E. Schultz, M. Hertl; Erlangen
- P074 Strongly enhanced $\alpha_3\beta_1$ -Integrin expression and angiogenesis during recurrent episodes of cutaneous DTHR.** M. Kneilling, B. Pichler, L. Hueltnner, R. Mailhammer, R. Haubner, H. Braumueller, C. Sander, W. Weber, M. Roecken; Tuebingen
- P075 Immunology of the human nail apparatus: Is the proximal nail matrix a site of relative immune privilege?** T. Ito, N. Ito, A. Bettermann, M. Takigawa, R. Paus; Hamburg
- P076 Adherent, mucoid *Pseudomonas aeruginosa* release Pathogen-associated molecules inducing Macrophage Inflammatory Protein-3 α in keratinocytes.** L. Schwichtenberg, B. Goethel, J. Schroeder; Kiel
- P077 Role of autoreactive T cells in a mouse model of autoimmune pancreatitis.** C. M. Weigert, H. Braumueller, M. Muders, K. Ghoreschi, M. Roecken; Tuebingen
- P078 Effects of iloprost infusions on serum cytokine, growth factor and soluble adhesion molecule levels in patients with systemic sclerosis.** P. Rehberger, P. Beckheinrich, E. Wandel, M. Sticherling, U. Haustein; Leipzig
- P079 IFN- γ is a potent catagen inducer in human anagen hair follicles, likely via induction of TGF- β 2.** M. Saathoff, T. Ito, N. Ito, A. Bettermann, M. Takigawa, R. Paus; Hamburg
- P080 Heat shock protein 60: The causative antigen for Psoriasis vulgaris?** S. Breit, K. Scharl, M. Dugas, W. van Eden, R. van der Zee, G. Plewig, C. Sander, M. Röcken; München
- P081 Autoantibodies against Laminin 5 are frequently detected in cicatricial pemphigoid, but also in a subgroup of bullous pemphigoid patients by novel Laminin 5 assays.** V. Bekou, S. Thoma-Uszynski, O. Wendler, W. Uter, G. Schuler, L. Sorokin, M. Hertl; Erlangen

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- P082** **Keratinocytes in early *Leishmania major* infection: Epidermal production of the Th1 inducing cytokine osteopontin precedes more rapid infiltration of macrophages in resistant mice.** J. Ehrchen, J. Weiss, E. von Stebut, C. Sorg, J. Roth, C. Sunderkötter; Münster
- P083** ***S. pyogenes*-DNA is not detectable in affected skin or blood of psoriasis patients by PCR.** P. Weisenseel, J. C. Prinz; München
- P084** **BP180 (BPAG2) and BP230 (BPAG1) harbour epitopes for both autoantibodies and autoreactive T cells in bullous pemphigoid BP180 (BPAG2) and BP230 (BPAG1) harbour epitopes for both autoantibodies and autoreactive T cells in bullous pemphigoid .** S. Thoma-Uszynski, S. Schwietzke, W. Uter, L. Borradori, G. Schuler, M. Hertl; Erlangen
- P085** **Characterization of the skin-derived antimicrobial protein RNase 7.** B. Rudolph, J. D. Monden, S. Schubert, J. M. Schröder, J. Harder; Kiel
- P086** **Early mast cell degranulation controls toxicity of alpha toxin.** M. Magerl, M. Metz, I. Walev, J. Knop, S. Bhakdi, M. Maurer; Mainz
- P087** **C5a modulates phenotype, cytokine production and T cell programming of M-DC8+ human blood dendritic cells.** A. Heinrich, L. Schulze, J. Zwirner, P. Rieber, K. Schäkel; Dresden
- P088** **Effects of Intravenous Immunoglobulins on Lymphocyte Activation In vitro.** H. Trawinski, E. Wandel, M. Sticherling; Leipzig
- P089** **Serological diagnosis of pemphigoids: comparison of immunoblotting to ELISA with recombinant NC16a.** S. C. Hofmann, M. Schubert, L. Bruckner-Tuderman; Freiburg
- P090** **Expression of human beta defensins 2 and 3 in healthy and diseased human skin.** E. Wandel, B. Rosin, M. Sticherling; Leipzig
- P091** **Mast cells exhibit impaired TLR2/TLR6-dependent stimulation.** M. Metz, K. Grote, J. Knop, M. Maurer; Mainz
- P092** **CD37 is essential for Fc ϵ RI-mediated mast cell activation.** M. Maurer, M. Metz, E. Bulanova, V. Budagian, S. Bulfone-Paus, Z. Orinska; Mainz
- P093** **Expression kinetics of RNA-encoded antigens transfected into DCs.** P. Thumann, N. Schaft, J. Dörrie, V. Beck, D. Dieckmann, E. Kämpgen, A. Steinkasserer, G. Schuler; Erlangen
- P094** **RNA transfection of dendritic cells: advantages of electroporating DCs at the mature stage.** J. Dörrie, N. Schaft, P. Thumann, V. Beck, D. Dieckmann, E. Schultz, E. Kämpgen, A. Steinkasserer, G. Schuler; Erlanger
- P095** **Efficient G-CSF-dependent mobilization of M-DC8+ blood dendritic cells that retain their pro-inflammatory and Th1-programming capacity.** S. Baumeister, C. Hölig, G. Ehninger, P. Rieber, K. Schäkel; Dresden

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- P096** **In vitro immunomodulatory effects of iloprost in patients with systemic sclerosis.** P. Rehberger, E. Wandel, M. Sticherling; Leipzig
- P097** **Identification of novel genes regulated by alpha-melanocyte-stimulating hormone in murine bone marrow-derived dendritic cells.** T. Brzoska, J. Ehrchen, Z. Li, T. A. Luger, M. Boehm; Muenster
- P098** **Reproducible induction of tumor-specific cytotoxic and helper T cells in melanoma patients does not require CD40L stimulation or cognate T cell help when mature monocyte-derived Dendritic Cells are used as a vaccine.** B. Thurner, I. Haendle, T. Berger, D. Dieckmann, G. Schuler; Erlangen
- P099** **Large scale generation of mature dendritic cells from monocytes enriched by elutriation.** T. Berger, E. Strasser, R. Smith, E. Kaempgen, G. Schuler; Erlangen
- P100** **Antigen specific immune responses of melanoma patients following vaccination with peptide loaded dendritic cells as second line therapy are indicative of a prolonged survival.** S. Schaed, K. Otto, A. Opitz, E. B. Broecker, J. Becker, E. Kaempgen; Wuerzburg
- P101** zurückgezogen
- P102** **Control of tumor angiogenesis by adaptive immunity through TNF receptor 1-signaling.** H. Braumüller, B. Pichler, M. Kneilling, C. Weigert, K. Ghoreschi; Tübingen
- P103** **Dimethylfumarate selectively targets CD8-positive T-cells *in vitro*.** K. Sharkery, H. Guoluong, U. Mrowietz; Kiel
- P104** **Interleukin 5 gene expression in human T lymphocytes via a GATA/t-bet element in position - 150 bp of the human IL-5 promoter.** J. Lu-Hesselmann, E. Wierenga, G. Messer; Munich

Klinische Forschung

- P105** **Determination of coronary artery calcium in patients with psoriasis: Prospective trial to detect the incidence of cardiovascular disease.** R. J. Ludwig, C. Herzog, M. Podda, T. J. Vogl, T. M. Zollner, R. Kaufmann, W. Boehncke; Frankfurt am Main
- P106** **Pyruvate kinase type M2 is a predictive marker in malignant melanoma.** S. Ugurel, N. Bell, A. Sucker, A. Zimpfer, W. Rittgen, D. Schadendorf; Mannheim
- P107** **Image enhancement using mathematical morphology in *in vivo* laser scanning microscopy of the skin.** M. J. Gruber, E. Richtig, A. Wackernagel, S. Koller, A. Genger, J. Smolle; Graz
- P108** **Comparative Time Course Of Skin Photosensitization And Psoralen Plasma Levels After Systemic Administration Of 5-Methoxypsoralen Or 8-Methoxypsoralen.** E. BARBORKA, R. Konschitzky, H. Hönigsmann, A. Tanew; Wien
- P109** **Circulating CD4+ T cells in Sezary syndrome express CCR7 as well as CCR10 and may represent a malignant expansion of cutaneous central memory T cells.** M. Wojdylo, J. Lenz, P. Speuser, E. Gaffal, J. Roszkiewicz, E. Bowman, T. Bieber, T. Tüting; Gdansk

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- P110 Vitamin-D deficiency in sun deprived risk groups including organ transplant recipients under immunosuppressants, patients with xeroderma pigmentosum or basal cell nevus syndrome: What are the consequences?** K. Querings, M. Girndt, W. Tilgen, J. Reichrath; Homburg
- P111 The Farnsworth panel D 15 test - a simple instrument to detect high risk melanoma patients? First results of a study including 300 patients with malignant melanoma.** C. Pföhler, S. Tschöp, S. Steinhäuser, K. Rass, W. Tilgen; Homburg/Saar
- P112 Preclinical validation of L-ornithine for topical application.** F. Höche, J. Wohlrab; Halle / Saale
- P113 L-carnitine promotes human hair growth in vivo and in vitro.** K. A. Foitzik, U. Ohnemus, E. Hoting, R. Paus; Hamburg
- P114 Borrelia burgdorferi induces specific cutaneous infiltrates of B-cell lymphocytic leukemia - Remission of cutaneous infiltrates by ceftriaxon.** U. Runne, P. Kraiczky, S. Oeschger; Frankfurt a.M.
- P115 Elevated serum levels of soluble FAS ligand in patients with various cutaneous drug reactions.** K. Stur, G. Stingl, F. Karhofer; Wien
- P116 Selective expression of chemokine monokine induced by interferon- γ (MIG) in alopecia areata .** S. Benoit, A. Toksoy, E. Bröcker, R. Gillitzer, M. Goebeler; Würzburg
- P117 Development of new vehicle systems for cutaneous gene therapy.** F. Steierhoffer, K. Recker, J. Wohlrab; Halle/Saale
- P118 Familial mastocytosis associated with gastrointestinal stromal tumors: identification of a novel germline c-KIT mutation in exon 8 responding to imatinib in vitro.** K. Hartmann, E. Wardelmann, Y. Ma, S. Merkelbach-Bruse, L. M. Preussner, S. E. Baldus, T. Heinicke, J. Thiele, R. Buettner, B. J. Longley; Cologne
- P119 The influence of TH1-cytokines of the γ^+ -system expression in microvascular endothelial cells (HDMEC) and native keratinocytes (NHEK).** K. Recker, F. Steierhoffer, J. Wohlrab; Halle/Saale
- P120 Activity of disease as an important new risk factor for naproxen-induced pseudoporphyria in juvenile idiopathic arthritis.** S. G. Schaed, A. Eisenkeil, U. Maeder, J. Trcka, E. B. Broecker, C. P. Speer, H. Hamm, H. J. Girschick; Würzburg
- P121 Comparison of T-cell receptor β - versus γ -chain gene rearrangement analysis in the differentiation of parapsoriasis and early-stage mycosis fungoides.** C. Klemke, D. Tadler, S. Arif-Said, N. Pönitz, M. Qadoumi, E. Dippel, S. Goerd; Mannheim
- P122 Cancer Regression induced by Immunostimulatory CpG Oligodeoxynucleotides in Patients with Metastatic Melanoma, the Results of a Clinical Phase II Trial.** M. Pashenkov, G. Goess, C. Wagner, A. Schneeberger, A. M. Krieg, G. Stingl, S. N. Wagner, for the C003 Study Group; Vienna
- P123 Systemic rituximab therapy in the treatment of primary cutaneous B-cell lymphomas.** S. Gellrich, K. C. Jasch, C. Voit, A. Wilks, T. Fischer, J. M. Muehe, H. Audring, W. Sterry; Berlin

Mediatoren

- P124** **Unperturbed wound healing in IL-15 deficient mice.** F. Scholz, S. Bulvone-Paus, E. Proksch; Kiel
- P125** **The Interleukin-6 Cytokine System Regulates Epidermal Wound Healing.** X. P. Wang, M. Schunck, K. J. Kallen, C. Neumann, C. Trautwein, S. Rose-John, J. Jensen, E. Proksch; Kiel
- P126** **The intracellular calcium concentration and the differentiation of HaCaT-cells is influenced by N-methyl-D-aspartate-receptors.** M. Fischer, D. Glanz, T. Klapperstueck, W. C. Marsch; Halle (Saale)
- P127** **Treatment of recalcitrant pustular psoriasis with infliximab: effective suppression of selective chemokines.** S. Benoit, A. Toksoy, E. Bröcker, R. Gillitzer, M. Goebeler; Würzburg
- P128** **Influence of NSAIDs on oxidized eicosanoids as analysed by GC-MS in microdialysates of UVB-irradiated human skin and in cultured keratinocytes.** A. Krautheim, I. Wiswedel, J. Grundmann, D. Hirsch, R. Böckelmann, A. Gardemann, H. Gollnick; Magdeburg
- P129** **Cytokine modulation in adjuvant IFN-alpha therapy of melanoma.** M. Hofmann, F. Kiecker, W. Sterry, U. Trefzer; Berlin
- P130** **Down-regulation of VIP receptor expression in atopic dermatitis.** T. C. Fischer, P. Welker, D. A. Groneberg; Berlin

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- P131** **Expression Profile of Different Antimicrobial Peptides in Psoriatic Skin.** R. Gläser, J. Harder, M. Weichenthal, H. Yu, H. Janssen, E. Christophers, U. Mrowietz, J. Schröder; Kiel
- P132** **Polymorphism of *Candida albicans* : a major factor in the interaction with human dendritic cells.** A. Kolb-Mäurer, E. Bröcker, M. Frosch, O. Kurzai; Würzburg
- P133** **In-vitro susceptibility of *Malassezia furfur* and *Malassezia pachydermatis* against Fluconazole and Ketoconazole by means of the E-test®.** U. Hipler, P. Nenoff, P. Elsner; Jena
- P134** **Expression Profiling Reveals Sets Of Genes Regulated Differentially In Hacat Keratinocytes Following Exposure To Secreted *Pseudomonas* Products.** B. Goethel, R. Haesler, L. Schwichtenberg, J. Schroeder, J. Bartels; Kiel
- P135** **Surveillance of MRSA-colonization in dermatology outpatients with inflammatory and non-inflammatory skin diseases.** U. Jappe, D. Petzoldt, C. Wendt; Heidelberg
- P136** ***Staphylococcus aureus* strongly induces mRNA of the antimicrobial protein RNase 7 and proinflammatory cytokines in the human keratinocyte cell line HaCaT.** K. Haisch, L. Schwichtenberg, J. Harder, J. Schröder; Kiel

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- P137** Analysis of the prevalence and RFLP subtyping of *Borrelia burgdorferi sensu lato* in *Ixodes ricinus* ticks from a Lyme borreliosis endemic area in Europe. M. Glatz, V. Fingerle, B. Wilske, R. R. Muellegger; Graz
- P138** Direct vaccination with TAT-LACK fusion protein protects against murine cutaneous leishmaniasis. K. Mölle, N. Shibagaki, S. Lopez, J. Knop, M. C. Udey, E. von Stebut; Mainz
- P139** A role for IL-1 receptor type I (IL-1RI) signalling in T helper (Th) education and for protective immunity in cutaneous leishmaniasis. S. Lopez, J. Knop, M. C. Udey, E. von Stebut; Mainz

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- P140** Dipeptidyl peptidase IV (DP IV/CD26) is present on human SZ95 sebocytes and involved in regulation of DNA synthesis, differentiation and production of IL1-RA *in vitro*. A. Thielitz, R. Vetter, U. Lendeckel, C. C. Zouboulis, S. Ansorge, S. Ansorge, H. Gollnick, D. Reinhold; Magdeburg
- P141** A new concept for sweat gland innervation: expression of acetylcholine receptors. H. Kurzen, H. Berger, C. Jaeger, W. Hartschuh; Heidelberg

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- P142** Evidence for the biological relevance of UVA-induced, enzyme-independent nitric oxide formation in healthy human skin. A. N. Paunel, A. Dejam, M. Kelm, K. Kröncke, O. Schnorr, V. Kolb-Bachofen, S. V. Christoph; Düsseldorf
- P143** Photodynamic therapy of normal human dermal fibroblasts (NHDF) using several photosensitizers. U. Hipler, D. Winter, P. Elsner; Jena
- P144** Expression of basic fibroblast growth factor (bFGF), stem cell factor (SCF) and endothelin-1 (ET-1) in fibroblasts and keratinocytes exposed to UVA and UVB irradiation. M. Brenner, K. Degitz, R. Besch, M. Volkenandt, C. Kammerbauer, C. Berking; München
- P145** Perforin granule release from natural killer cells is inhibited dose- and wavelength-dependently by UV-light *in vitro*. A. Ambach, B. Bonnekoh, H. Gollnick; Magdeburg
- P146** UVB and UVA activate the Fanconi anemia/BRCA DNA damage response pathway. M. Potter, T. M. Ruenger; Boston
- P147** Assessment of 3 Xeroderma pigmentosum Group C Gene Polymorphisms and Risk of Cutaneous malignant melanoma: A Case-Control Study. S. Blankenburg, I. R. Koenig, P. Laspe, K. Thoms, U. Krueger, R. Moessner, G. Westphal, M. Volkenandt, K. Reich, C. Neumann, A. Ziegler, S. Emmert; Goettingen
- P148** Infrared-A irradiation disturbs the oxidative status of human skin fibroblasts. P. Schröder, S. Wild, S. M. Schieke, J. Krutmann; Düsseldorf
- P149** The platelet-activating factor (PAF) pathway is involved in psoralen and UVA (PUVA)-induced immune suppression. P. Wolf, D. X. Nghiem, J. P. Walterscheid, Y. Matsumura, N. Kazimi, P. Khaskina,

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- P150** **Ultraviolet A (UVA)-radiation destroys the architecture of plasma membrane -associated rafts in human epidermal keratinocytes (HEKs).** S. Grether-Beck, M. Salahshour-Fard, I. Felsner, H. Brenden, J. Krutmann; Duesseldorf
- P151** **Effects of UVB irradiation and calcitriol on gene expression of anabolic and catabolic enzymes of the epidermal vitamin D3 pathway.** M. Scheld, A. Meye, B. Lehmann; Dresden
- P152** **Influence of 5-Aminolevulinic acid and Photofrin on HUVEC after irradiation *in vitro*.** T. Maisch, D. Sontag, R. Szeimies, C. Abels; Regensburg
- P153** **Systemically administered ascorbic acid and d-alpha-tocopherol reduce DNA damage *in vivo*.** S. M. Gaube, K. P. Gilbertz, B. Przybilla, M. Placzek; München
- P154** **Tumor therapy with ICG-mediated phototherapy: comparison between continuous wave and pulsed diode laser *in vivo*.** P. Babilas, V. Schacht, G. Moghaddam, W. Bäuml, R. Szeimies, C. Abels; Regensburg
- P155** **8-Isoprostane as a dose-related biomarker of acute photooxidative UVB- damage *in vivo*.** L. A. Schneider, W. Bloch, K. Scherer, G. Horneck, M. Wlaschek, A. Hainzl, K. Scharffetter-Kochanek; Ulm
- P156** **Supplementing the skin barrier with vitamin E by rinse-off products protects from photo-oxidative damage of skin surface lipids.** S. Ekanayake Mudiyansele, M. Ziemer, M. Hamburger, T. Polefka, P. Elsner, J. J. Thiele; Chicago, IL
- P157** **Targeted Inactivation Of Vegf Sensitizes Mouse Skin To UVB-Induced Cutaneous Photo-Damage.** C. Barresi, H. Rossiter, M. Ghannadan, E. F. Wagner, E. Tschachler; Wien
- P158** **Single PUVA treatment of human dermal fibroblasts results in longterm enhanced generation of reactive oxygen species being causally responsible for subsequent telomere erosion and premature replicative senescence.** W. Ma, M. Wlaschek, Y. Chen, L. Schneider, H. Sauer, M. Wartenberg, K. Scharffetter-Kochanek; Ulm

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- P159** **Defects in the MHC class I antigen processing pathway: Association with clinical outcome of patients with squamous cell carcinoma.** M. Meissner, T. Reichert, W. Gooding, C. Huber, T. Whiteside, B. Seliger; Frankfurt / Main
- P160** **Inhibition of uPAR by a small interfering RNA in melanoma cells.** R. Besch, T. Schuh, C. Berking, C. Kammerbauer, K. Degitz; München
- P161** **Chip technology in melanoma: identification of new targets for therapy.** A. Mirmohammadsadeh, A. Baer, S. Nambiar, U. R. Hengge; Duesseldorf
- P162** **Selective inhibition of a mutated BRAF allele in melanoma cells by RNA interference.** R. Besch, C. Berking, M. Brenner, T. Schuh, C. Kammerbauer, K. Degitz; München

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- P164** **Induction of serum antibodies against identified tumor antigens in melanoma patients during vaccination with autologous tumor cells.** S. Eichmüller, H. Ehlken, D. Schadendorf; Heidelberg
- P165** **Histone deacetylation and calpain activity modulate Vitamin D-induced growth inhibition in melanoma cell lines.** M. Rech, M. Moeini, V. Meineke, W. Tilgen, M. Seifert, J. Reichrath; Homburg
- P166** **Constitutive activation of the Ras-Raf signaling pathway in metastatic melanoma is associated with poor prognosis.** R. Houben, P. Terheyden, E. B. Bröcker, U. R. Rapp, J. C. Becker; Würzburg
- P167** **Increased Incidence of Squamous Cell Carcinomas in Mastomys natalensis Papillomavirus E6 Transgenic Mice during Experimental Skin Carcinogenesis.** I. Helfrich, M. Chen, A. Kopp-Schneider, H. Gröne, F. Rösl, H. zurHausen; Heidelberg
- P168** **The Expression of Psoriasin (S100A7) in Premalignancies and Epithelial Skin Tumors is not Dependent on Differentiation and Inflammation.** N. Soós, M. Weichenthal, H. Janssen, E. Christophers, U. Mrowietz, R. Glaeser; Kiel
- P169** **Expression of the transcriptional repressor Snail and the cell-cell-adhesion molecule N-cadherin are involved in regulation of MAPK activity in melanoma cells.** S. Kuphal, I. Poser, A. K. Bosserhoff; Regensburg
- P170** **Analysis of cell signalling by MIA in active detachment of melanoma cells.** R. Bauer, A. K. Bosserhoff; Regensburg
- P171** **Expression of Sno suppresses BMP-Smad signaling in melanoma cells.** I. Poser, T. Rothhammer, A. Bosserhoff; Regensburg
- P172** **Characterisation of ets-1 expression in malignant melanoma.** T. Rothhammer, J. Hahne, I. Poser, F. Soncin, N. Wernert, A. Bosserhoff; Regensburg
- P173** **Tumor cell induced expression of matrix metalloproteinase-2 in stromal cells via extracellular matrix metalloproteinase inducer (EMMPRIN; CD147).** U. B. Hofmann, A. O. Eggert, K. Blass, E. Bröcker, J. C. Becker; Würzburg
- P174** **A mutation in the osteopontin promoter causes different responsiveness to upstream signalling pathways in melanoma cells.** S. von Bargen, D. Koczan, S. Moeller, H. Thiesen, S. Ibrahim, G. Gross, M. Kunz; Rostock
- P175** **Inhibition of Migratory Inhibitory Protein (MIA) leads to molecular and phenotypic changes.** J. Tatzel, I. Poser, A. Bosserhoff; Regensburg
- P176** **Efficient cell type-specific induction of apoptosis in melanoma cells by a tyrosinase promoter-CD95/Fas ligand construct requires both tyrosinase expression and CD95/Fas receptor surface expression.** L. F. Fecker, J. Eberle, A. M. Hossini, C. Schwarz, D. L. Bartlett, C. E. Orfanos, C. C. Geilen; Berlin

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- P178** **Soluble factors derived from high invasive melanoma cells activate stromal fibroblasts and microvascular endothelial cells.** S. Löffek, P. Zigrino, C. Mauch; Köln
- P179** **A genetic prime-boost strategy for melanoma vaccination does not eradicate autochthonous melanocytic neoplasms in the skin of cdk4-mutant mice.** J. Steitz, J. Lenz, S. J. Büchs, C. Huber, T. Wölfel, M. Barbacid, M. Malumbres, T. Tüting; Bonn
- P180** **Triggering of apoptosis in human melanoma cells by proapoptotic Bcl-2-related proteins.** J. Eberle, A. M. Hossini, M. Oppermann, L. F. Fecker, B. Gillissen, C. Müller, P. T. Daniel, C. E. Orfanos, C. C. Geilen; Berlin
- P181** **Simultaneous inhibition of VEGFR1 and VEGFR2 signaling is required for suppression of experimental melanoma metastases.** B. Böhme, A. Aicher, A. Gaumann, D. J. Hicklin, P. Bohlen, R. Henschler, S. Dimmeler, R. Kaufmann, G. Breier, J. Gille; Frankfurt am Main
- P182** **VEGF receptors in tumor neovascularization.** R. Heidenreich, M. Machein, A. Nicolaus, A. Hilbig, C. Wild, M. Clauss, K. Plate, G. Breier; Bad Nauheim
- P183** **Dendritic cells infected with MVA-hTyrosinase can induce specific CD4+ T-cell responses *in vitro*.** K. Ghoreschi, I. Drexler, C. Reitmeier, H. Braumueller, G. Sutter, M. Roecken; Tuebingen
- P184** **Contact of High-Invasive but not Low-Invasive Melanoma Cells to Collagen I Induces Increased Secretion of Pro- and Mature Cathepsin B.** A. Klose, A. Wilbrand-Hennes, G. van Muijen, T. Krieg, C. Mauch, N. Hunzelmann; Cologne
- P185** **Differential Induction of Connexins 26 and 30 in Skin Tumors and their Adjacent Epidermis.** N. K. Haass, E. Wladykowski, I. Moll, J. M. Brandner; Hamburg
- P186** **Mutations in the BRAF kinase gene correlate with rapid melanocytic lesion growth.** R. Loewe, H. Kittler, G. Fischer, I. Faé, K. Wolff, P. Petzelbauer; Wien
- P187** **Loss of EphB6 expression in metastatic melanoma.** C. Hafner, F. Bataille, S. Meyer, B. Becker, A. Roesch, M. Landthaler, T. Vogt; Regensburg
- P188** **Protein expression of basic fibroblast growth factor (bFGF), FGF receptor-1 (FGFR1), stem cell factor (SCF) and c-kit in melanoma.** K. A. Giehl, U. Nägele, M. Volkenandt, C. Berking; München
- P189** **Limits of cell culture: Human melanoma cell lines harbour a murine leukemia virus.** M. Deichmann, J. B. Huder, H. Näher, C. Kleist, J. Schuepbach, J. Boeni; Heidelberg
- P190** **A milestone in melanoma genetics: The B-raf oncogene is affected in a substantial subset of melanoma resection specimens.** M. Deichmann, B. Helmke, M. Thome, A. Benner, H. Naehrer; Heidelberg
- P191** **Molecular changes upon CD26 re-expression in melanoma cells.** B. Becker, A. Roesch, C. Hafner, M. Landthaler, T. Vogt; Regensburg

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- P192 Mage-3 Specific CD8 Lymphocytes Induced by Vaccination with Peptide Loaded Dendritic Cells Home to Melanoma Metastasis.** M. Lueftl, I. Haendle, T. Berger, B. Schuler-Thurner, D. Schrama, L. Pedersen, G. Schuler, J. C. Becker; Erlangen
- P193 Identification of differentially expressed genes in metastatic melanoma compared to primary melanoma.** O. I. Fonseca da Cruz Lopes, C. Garbe, B. Schitteck; Tübingen
- P194 Expression analysis of the transcription factor YB-1 in malignant melanoma.** K. Psenner, C. Garbe, B. Schitteck; Tübingen
- P195 Bcl-2 antisense oligonucleotide treatment sensitizes ceramide-resistant melanoma cells to apoptosis.** C. Mueller, U. Schief, J. Eberle, C. C. Geilen; Berlin
- P196 Melanotransferrin - An known melanoma marker with new perspectives.** A. Saalbach, D. Benndorf, M. Sticherling, U. Anderegg; Leipzig
- P197 Discriminating between benign and malign melanocytes: Is the splicing factor SF2/ASF helpful to achieve this goal?** U. Anderegg, D. Benndorf, M. Sticherling, U. Haustein, A. Saalbach; Leipzig
- P198 Virus-Like Particles Of Hpv92, A New Type Isolated From A Basal Cell Carcinoma.** A. Handisurya, S. Shafti-Keramat, O. Forslund, R. Kirnbauer; Vienna
- P199 Ephrin-B2 dependent cell-cell contact signaling induces migration competence and apoptosis resistance in B16 melanoma cells.** T. Vogt, S. Meyer, C. Hafner, B. Becker, I. Hagen, E. Geissler, M. Landthaler; Regensburg
- P200 Identification of signature genes for leukemic CTCL cells in S[?]ry syndrome.** M. Qadoumi, A. Feistkorn, A. Hahn, U. Mansmann, N. Poenitz, C. Klemke, S. Goerd, E. Dippel; Mannheim
- P201 The physical mechanism of pericellular proteolysis in tumor cell migration: the belt-cleavage concept.** K. Wolf, E. Broecker, P. Friedl; Wuerzburg
- P202 Expression of the DNA-mismatch repair enzyme hMSH2 in acquired melanocytic nevi, malignant melanoma and metastases of malignant melanoma and implications for its contribution to the repair of UV-induced DNA damage in melanocytes.** M. Seifert, W. Tilgen, J. Reichrath; Homburg
- P203 CD117(c-kit)-independent increase of mast cells at sites of skin carcinogenesis.** F. Siebenhaar, J. Knop, M. Maurer; Mainz
- P204 Modulation of phosphorylated histon H2AX (γ H2AX) foci by UV- and X-irradiation in hMSH2 $-/-$ and wild type cells.** J. Reichrath, S. Scherer, N. Rieff, M. Löbrich, W. Edelmann, W. Tilgen, M. Seifert; Homburg
- P205 Direct 3D observation of GFP-actin in migrating B16-Melanoma cells: dynamic, plasticity and adaptation along on the extracellular matrix structures.** N. Daryab, J. Starke, E. Broecker, B. Wehrle-Haller, P. Friedl; Wuerzburg
- P206 Identification of immunogenic epitopes from the clonotypic T cell receptor and tumor antigens in CTCL.** J. Zeng, J. Müller-Berghaus, D. Schadendorf, S. Goerd, X. D. Nguyen, H. Klüter, S. Eichmüller, E.

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P207 Autoimmune cutaneous hypopigmentation following DNA vaccination with TRP-2 in SCF transgenic mice - mimicking vitiligo in humans. J. Trcka, M. Engelhorn, S. G. Schaed, E. Carter, E. B. Broecker, B. J. Longley, A. N. Houghton; Wuerzburg

P208 Aberrations of chromosome 7 and 8 in cutaneous T-cell lymphomas analysed by fluorescence in-situ hybridisation. T. C. Fischer, S. Ziegler, S. Gellrich, H. Audring, W. Sterry; Berlin

Zellbiologie

P209 Convergence of the p38/ERK/MSK1 and PKA pathways to CREB phosphorylation for the induction of *c-fos* gene expression by Interleukin-1 β . M. Schiller, A. Mauviel; Paris Cedex 10

P210 Dissection of proinflammatory intracellular signalling pathways and identification of novel TNF- α -induced target genes in primary human endothelial cells by transcriptional profiling. M. Goebeler, D. Viemann, S. Schmid, K. Klimmek, C. Sorg, E. Bröcker, S. Ludwig, J. Roth; Würzburg

P211 Hypoosmotic Stress Induces E-Cadherin Expression in cultured Human Keratinocytes. S. Kippenberger, M. Guschel, J. Mueller, M. Hofmann, R. Kaufmann, A. Bernd; Frankfurt

P212 Mechanical Pressure-Induced p38 Phosphorylation is Mediated by Protein Kinase C in Epithelial Cells. M. Hofmann, J. Zaper, A. Bernd, J. Bereiter-Hahn, R. Kaufmann, S. Kippenberger; Frankfurt/Main

P213 The role of I κ B kinases IKK1 and IKK2 in calcium-induced differentiation and proinflammatory activation of human keratinocytes. M. Giner, S. Schmid, E. Bröcker, S. Ludwig, M. Goebeler; Würzburg

P214 Influence of different β -cyclodextrin complexes on the proliferation of HaCaT keratinocytes. U. Hipler, C. Hipler, D. Knittel, U. Wollina, P. Elsner; Jena

P215 Murine β -defensins 1, 3, 4, and 6 are expressed constitutively or after stimulation in embryonic, neonatal, and adult skin: innate immunity during development of the adaptive response. M. Schunck, J. M. Schroeder, E. Proksch; Kiel

P216 NF κ B promotes UVB-induced apoptosis by downregulation of TRAF-proteins. B. Poepplmann, K. Klimmek, T. Schwarz, D. Kulms; Muenster

P217 Interleukin-6-type cytokines upregulate expression of multidrug resistance-associated proteins in NHEK and dermal fibroblasts. A. Dreuw, H. M. Hermanns, S. Jousen, R. Heise, F. Rodriguez, Y. Marquardt, F. Jugert, P. C. Heinrich, H. F. Merk, J. M. Baron; Aachen

P218 Ratiometric determination of changes in membrane potential in melanoma cells by means of flow cytometry. T. Klapperstück, M. Klapperstück, G. Gessner, K. Schönherr, S. H. Heinemann, J. Wohlrab; Halle

P219 Increased Epidermal Ceramide Content in Aged Mouse Skin as Shown by Electrospray Ionisation Mass Spectrometry. J. Grabowsky, M. Schunck, J. Schroeder, E. Proksch, J. Jensen; Kiel

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- P221** Control of the β 2-adrenergic signal by tetrahydrobiopterin. J. M. Gillbro, N. Gibbons, M. R. Pittelkow, J. M. Wood, K. U. Schallreuter; Bradford
- P222** Vanilloid receptor 1 expression in the human skin suggests multiple functions beyond sensory nerve signalling. E. Bodó, T. Bíró, A. Telek1, I. Kovács, J. Lázár, G. Czifra, K. László, R. Paus
- P223** Effects Of Cytochrome P450-Derived Epoxides On Transglutaminase Expression And Activities In Epidermal Keratinocytes. M. M. Neis, J. M. Baron, P. A. Ladd, D. S. Keeney; Nashville
- P224** Inhibition of NF- κ B downregulates cIAP2 and sensitizes human keratinocytes to tumor necrosis factor (TNF) α -induced apoptosis. E. Horn, A. Kerstan, T. Wachter, M. Sprick, E. Bröcker, H. Walczak, M. Neumann, M. Leverkus; Würzburg
- P225** A serine protease mediates C-terminal cleavage of the 120 kDa soluble ectodomain of type XVII collagen/BP180 (LAD-1) resulting in a 97 kDa polypeptide (LABD 97). Y. Hirako, E. Bröcker, D. Zillikens; Würzburg
- P226** Angiotensin Converting Enzyme is Regulated in Human Dermal Microvascular Endothelial Cells by Ultraviolet Irradiation, Cytokines and Sensory Neuropeptides. T. E. Scholzen, S. Grundmann, M. Fastrich, T. Brzoska, T. A. Luger; Muenster
- P227** Differential expression of renin, angiotensinogen and angiotensin-converting enzyme in psoriasis and basalioma. U. M. Steckelings, T. Wollschläger, B. M. Henz, T. Unger, M. Artuc; Berlin
- P228** Interaction of tight junctions with inflammatory cells in the epidermis. J. M. Brandner, E. Wladykowski, P. Houdek, I. Moll; Hamburg
- P229** Down regulation of c-kit proto-oncogene and Microphthalmia transcription factor in human mast cells and melanocytes using siRNA technology. M. Artuc, S. Guhl, R. Nandingamar, T. Zuberbier, B. M. Henz; Berlin
- P230** Laser capture microdissection in the analysis of a mouse model for epidermolytic hyperkeratosis. M. J. Arin, M. Longley, X. Wang, D. R. Roop; Koeln
- P231** Inner ear melanocytes are sensitive to irradiation with UVB. M. Sanchez-Hanke, S. Kief, R. Leuwer, U. Koch, I. Moll, J. M. Brandner; Hamburg
- P232** Human Thy-1 (CD 90) on activated endothelial cells is a counterreceptor for the leukocyte integrin Mac-1 (CD11b/CD18). A. Wetzel, T. Chavakis, K. T. Preissner, M. Sticherling, U. Anderegg, A. Saalbach; Leipzig
- P233** Lysyl hydroxylase 2 - key enzyme for hydroxylysine-derived collagen cross-links. J. Wu, D. Reinhardt, J. Brinckmann; Lübeck

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- P235** **Phosphatidylcholine-sphingomyelin transacylase in epidermal permeability barrier formation.** M. Peiser, R. Wanner; Berlin
- P236** **Functions of Ras/Rac signaling in epidermal keratinocytes.** M. Tscharncke, R. Pofahl, T. Krieg, I. Haase; Koeln
- P237** **Deletion of the distal C-terminus of BP180/collagen XVII perturbs the physiologic adhesion functions.** C. Franzke, S. Schlüter, C. Has, D. Höping, B. Balda, L. Bruckner-Tuderman; Freiburg
- P238** **Evidence for expression of multiple members of the family of suppressors of cytokine signaling in normal and transformed human melanocytes .** Z. Li, T. A. Luger, M. Boehm; Muenster
- P239** **In vitro and in situ detection of melanocortin receptors in fibroblastic cell types of human skin.** M. Boehm, S. Staender, M. Eickelmann, U. Blume-Peytavi, T. A. Luger; Muenster
- P240** **Combined treatment of melanoma cells with telomere-homologue oligonucleotides (T-oligos) and 1,25 dihydroxy-Vitamin D3 (VitD3) or all trans-retinoic acid (ATRA) induces apoptosis more effectively than treatment with either of these agents alone.** I. Hadshiew, K. Barre, A. Thies, I. Moll; Hamburg
- P241** **Freezing and thawing of dendritic cells for clinical immunotherapy: advantages using DMSO at a 5% concentration.** U. Kaemmerer, K. Otto, M. Ossadnik, J. Storim, P. Friedl, E. Kaempgen; Wuerzburg
- P242** **A basement membrane-like matrix formed by cell-released proteins at the medium/air interface supports growth of keratinocytes.** L. Eckhart, C. M. Reinisch, S. Inoue, P. Messner, M. Dockal, C. Mayer, E. Tschachler; Wien
- P243** **Lipid oxidation products induce expression of the anti inflammatory protein heme oxygenase -1 in keratinocytes and epidermal equivalent.** F. Gruber, M. Mildner, A. Kadl, P. Mrass, G. Kroenke, B. R. Binder, N. Leitinger, E. Tschachler; Wien

Sonstige Themen

- P244** **Effect of NO2 exposure on the expression of Der p 1 and Der p 10 in house dust mite (HDM) as assessed by RT-PCR.** B. Summer, S. Barnstorf, D. Strube, B. Przybilla, P. Thomas; München
- P245** **Non-ablative skin rejuvenation with Erbium:YAG Laser pulses - investigation of structural changes in the skin -.** K. Kunzi-Rapp, B. Cambier, M. Drosner, C. Dierickx, J. Levy, D. Russ, R. Steiner; Ulm
- P246** **Simple organotypic assay systems that imitate human hair follicle-like epithelial-mesenchymal interactions: Definition of basic criteria and suitable culture conditions.** B. Havlickova, T. Biro, A. Mescalchin, P. Arenberger, R. Paus; Hamburg
- P247** **17-β estradiol stimulates the growth of frontotemporal male scalp hair follicles *in vitro*.** F. Conrad, U. Ohnemus, E. Bodo, A. Bettermann, R. Paus; Hamburg

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- P248** **More evidence for systemic oxidative stress in vitiligo.** S. Hasse, N. C. Gibbons, H. Rokos, J. M. Wood, K. U. Schallreuter; Bradford
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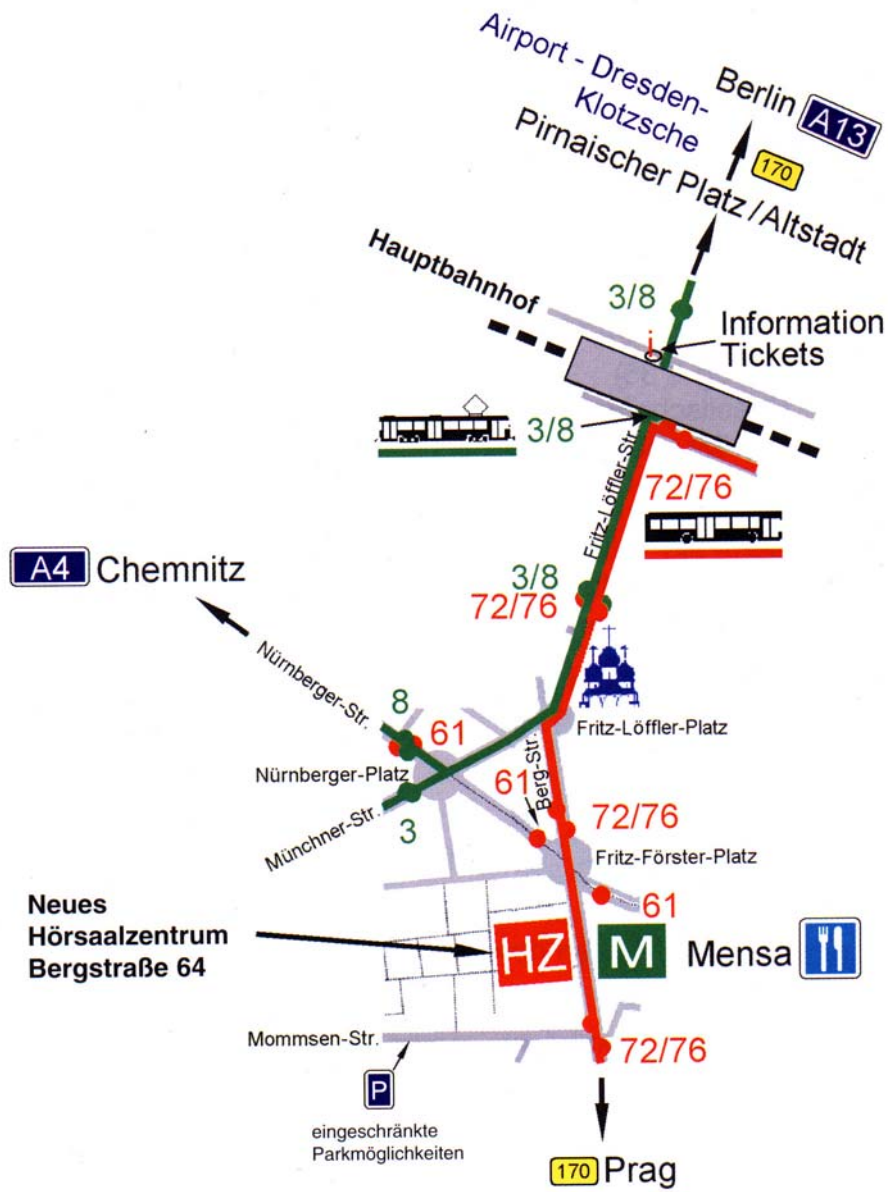
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