



**XXXV. Jahrestagung
der
Arbeitsgemeinschaft
Dermatologische Forschung**

in Zusammenarbeit mit der
Deutschen Dermatologischen Gesellschaft

Heinrich-Lades-Halle
Rathausplatz 3
D - 91052 Erlangen

28.02. - 01.03. 2008
Erlangen

Donnerstag, 28. Februar 2008	Freitag, 29. Februar 2008	Samstag, 1. März 2008
	8:30-9:30 Vorträge II (7-12) G. Stingl, E. Kämpgen	9:00-10:00 Vorträge V (25-30) C. Traidl-Hoffmann, D. Zillikens
	9:30-10:30 Posterwalks und Pause	10:00-10:20 Quo vadis-Vortrag III S. Jahn: <i>Wohin mit den Biologics?</i> (Einführung: W.-H. Boehncke)
	10:30-11:10 Günter Goerz Vorlesung C. Sorg: <i>Neue Strukturen der Universitätsmedizin und ihre Perspektiven für die Klinische Forschung</i> (Einführung: K. Steinbrink)	10:20-11:05 Postersession (gerade), Snacks 11:05- 11:50 Postersession (ungerade), Snacks
	11:10-12:10 Vorträge III (13-18) J. Schröder, M. Goebeler	11:50-12:50 Vorträge VI (31-36) P. Boukamp, A. Enk
13:30-13:40 Begrüßung K. Steinbrink, G. Schuler	12:10-13:10 Postersession (gerade), Snacks 13:10-14:10 Postersession (ungerade), Snacks	12:50-13:20 Posterpreise und Reisestipendien B. Homey, N. Romani
13:40-14:40 Vorträge I (1-6) G. Schuler, M. Kunz	14:10-15:10 Vorträge IV (19-24) C. Mauch, M. Metz	13:20 Schlussworte, Danksagung M. Maurer
14:40-14:55 Verleihung des 2. ADF-/DDG-Forschungsstipendiums T. Luger, K. Steinbrink	15:10-15:30 Quo vadis-Vortrag II E. von Stebut: <i>Th3, Th2, Th1, meins!</i> (Einführung: K. Steinbrink)	Ende der Tagung
15:00-15:20 Quo vadis-Vortrag I R. Paus: <i>Warum es das Haar aus der Tube (noch) nicht gibt</i> (Einführung: M. Maurer)	15:30-15:45 Verleihung der ADF Preise II Egon Macher Preis M. Röcken	
15:20-15:35 Verleihung der ADF Preise I Paul Langerhans Preis T. Luger	15:45-16:15 Pause	
15:35-16:05 Pause	16:15-17:15 Gastvortrag E. Fuchs: <i>Stem Cells of the Skin: Morphogenesis & Cancer</i> (Einführung/Diskussion: M. Maurer)	
16:05-19:45 Workshop: Mouse models for human skin diseases A. Baur, M. Sticherling	17:15-17:45 Verleihung der ADF Preise III Translational-Research-Preis/Dermato-Onkologie-Preis ADF/ECARF-Award K. Reich, M. Leverkus, T. Zuberbier	
19:45-22:00 Postersession und Welcome Reception	17:45-19:15 Mitgliederversammlung anschl. 19:30-open end Gesellschaftsabend	



**XXXV. Jahrestagung
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28.02. - 01. März 2008
Erlangen

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

Tagungsort

Heinrich-Lades-Halle
Rathausplatz 3
D - 91052 Erlangen
www.ekm-erlangen.de

vor der Tagung

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

während der Tagung

Kongress-Telefon: 09131-874 130
Kongress-Telefax: 09131-874 153

Verkehrsanbindung

Zu Fuß vom Bahnhof:

ca. 10 Minuten über Nürnberger Straße zum Rathausplatz

Bus:

Linie 289 (Richtung Klinikum am Europakanal): 2 Stationen Haltestelle "Am neuen Markt"

Auto:

Autobahnabfahrt: Erlangen Zentrum – 1. Kreuzung links, Nürnberger Straße
Parkhaus am Neuen Markt oder Großparkplatz am Bahnhof
Alle Parkplätze in Erlangen sind kostenpflichtig!

(siehe auch Lageplan Seite 50 bzw. <http://www.ekm-erlangen.de>)

Tagungsorganisation

Lokale Organisatoren

Eckhart Kämpgen, Michael Sticherling, Gerold Schuler

Universitäts-Hautklinik Erlangen
Hartmannstr. 14, D - 91052 Erlangen

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

Kostenlose Zimmervermittlung über Tourist-Information
Rathausplatz 3, 91052 Erlangen
Tel. +49 (0) 9131 89510, Fax +49 (0) 9131 895151
tourist@etm-er.de, www.erlangen.de

Die Hotelliste mit Zimmerkontingenten zu Sonderpreisen für die ADF-Tagung finden Sie unter www.adf-online.de.

Tagungsort

Heinrich-Lades-Halle
Rathausplatz 3
D - 91052 Erlangen
www.ekm-erlangen.de

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

Öffnungszeiten des Tagungsbüros

Donnerstag, 28.02.2008 12:00-20:00 Uhr
Freitag, 29.02.2008 08:00-19:00 Uhr
Samstag, 01.03.2008 08:30-14:00 Uhr

Tagungsorganisation

Vorträge	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.

Wir weisen darauf hin, dass sich anlässlich der ADF-Tagung die Arbeitsgruppen wie folgt treffen (Stand 28.01.2008):

Mittwoch, 27. Februar 2008:

AG Dermato-Endokrinologie: 09:00-18:00, Konferenzraum 5

Donnerstag, 28. Februar 2008:

AG Genomik und Proteomik: 10:00-13:00, Konferenzraum 6

AG Autoimmunbullöse Dermatosen: 10:00-13:00, Konferenzraum 3

AG Psoriasis: 11:00-13:00, Konferenzraum 8

AG Dermatologische Genetik: 09:30-13:15, Konferenzraum 5

AG Gentherapie/Gentechnologie: 10:00-13:00, Konferenzraum 4

AG Experimentelle Dermatoonkologie 11:00-13:00, Konferenzraum 7

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).

Am Freitag, 29.03.2008, 12:00-14:00 Uhr, und am Samstag, 01.03.2008, 10:30-12:30 Uhr, steht Herr Wiesenthal von der DFG für Besprechungen im Konferenzraum 1 zur Verfügung. Bitte tragen Sie Ihren Gesprächswunsch in die Liste bei der Registrierung ein.

Zur XXXV. Tagung der Arbeitsgemeinschaft Dermatologische Forschung

Liebe Kolleginnen und Kollegen, liebe Freunde,

in diesem Jahr sind 291 Abstracts eingegangen, aus denen wir unter Berücksichtigung der Gutachterempfehlungen 36 als Vorträge ausgewählt haben. Die Einladung eines Beitrages als Vortrag versteht der Vorstand als besondere Auszeichnung dieser wissenschaftlichen Arbeit. Zusätzlich werden drei *Quo-Vadis*-Vorträge präsentiert werden, die aktuelle und interessante Themen provokant darstellen und wissenschaftliche Zukunftsperspektiven aufzeigen sollen.

Wie in den letzten Jahren werden wir auch in Erlangen die beiden Hauptpreise der ADF, den Egon-Macher-Preis und den Paul-Langerhans-Preis, sowie den Dermato-Onkologie-, den ADF/ECARF-Award for European Allergy Research und den Translational Research-Preis vergeben. Den dabei mit der ADF kooperierenden Stiftungen und allen Förderern gilt unser herzlichster Dank.

Gemeinsam mit der DDG werden wir in diesem Jahr erneut ein *DDG/ADF-Forschungsstipendium* verleihen, um die Forschungsarbeit eines/einer Nachwuchswissenschaftlers/in zu fördern.

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 2009 ausgezeichnet.

Das Thema unseres diesjährigen Workshops lautet „Mouse models for human skin diseases“ (Organisation: A. Baur, M. Sticherling).

Weitere Höhepunkte der Jahrestagung sind natürlich wieder die Günter-Goertz-Gedächtnisvorlesung (C. Sorg, Wien) und der Gastvortrag (E. Fuchs, New York).

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

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 2008, den Mitgliedern der Posterkommissionen und allen Posterwalkern.

Experten für die Abstractbegutachtung

J. Brandner, Hamburg	R. Ludwig, Frankfurt/Main
J. Eberle, Berlin	V. Mahler, Erlangen
S. Eichmüller, Heidelberg	M. Metz, Berlin
S. Emmert, Göttingen	A. Schneeberger, Wien
K. Ghoreschi, Tübingen	C. Sitaru, Lübeck
C. Has, Freiburg	C. Veldmann, Marburg
G. Herrmann, Köln	T. Vogt, Regensburg
G. Hofbauer, Zürich	J. Wenzel, Bonn
A. Jacobi, Marburg	T. Wiederholt, Aachen
R. Loewe, Wien	J. Wohlrab, Halle/Saale
K. Loser, Münster	

Posterkommission 1 (ungerade Nummern)

B. Homey, Düsseldorf
M. Leverkus, Magdeburg
V. Mahler, Erlangen
S. Martin, Freiburg
J. Wenzel, Bonn

Posterkommission 2 (gerade Nummern)

N. Romani, Innsbruck
J. M. Baron, Aachen
S. Eming, Köln
C. Has, Freiburg
R. Ludwig, Lübeck

Posterwalks

Während der Postersessions finden Posterwalks zu folgenden Themen statt:

Allergologie (T. Jacob)	Klinische Forschung (R. Stadler)
Dendritische Zellen (K. Schäkel)	Photobiologie (K. Scharffetter-Kochanek)
Genetik (C. Has)	Onkologie (D. Schadendorf)
Immunregulation (T. Biedermann)	Zellbiologie (H. Jonuleit)
Hautanhangsgebilde (R. Paus)	Psoriasis (R. Sabat)

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

Donnerstag, 28. Februar 2008

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

13:30-13:40 Begrüssung

K. Steinbrink, G. Schuler

13:40-14:40 Vorträge I

Vorsitz: G. Schuler, M. Kunz

V01 13:40 Vortrag zurück gezogen!
Beta endorphin produced by melanoma promotes tumor growth and immune escape
B. Duthey, E. Deak, K. Hardt, D. Schadendorff, W. Boehncke; Frankfurt/Main

V02 13:50 The lymphatic marker podoplanin effects wound healing
B. Gehl, B. Kremer, L. Bruckner-Tuderman, V. Schacht; Freiburg

V03 14:00 Cancer-retina antigens as paraneoplastic antigens in melanoma-associated retinopathy
A. Bazhin, C. Dalke, O. Abschuetz, R. Dummer, P. Philippov, J. Graw, D. Schadendorff, V. Umansky, S. Eichmueller;
Heidelberg, Neuherberg, Zürich, Moskau

V04 14:10 The role of cyclophosphamide-sensitive IL-10-producing CD4+CD25+ regulatory T cells in low zone tolerance to contact allergens
U. Frankenberg, N. Lorenz, R. Alt, K. Steinbrink; Mainz

V05 14:20 CD137 ligand induces dendritic cell maturation and migration via TNF- and CCR7
U. Lippert, K. Zachmann, D. Ferrari, H. Schwarz, C. Neumann, A. Soruri;
Göttingen, Halle, Singapore

V06 14:30 Gene patterns at the invasive front of melanoma metastases
J. Schultz, D. Pilch, U. Tieman, D. Koczan, G. Gross, M. Kunz; Rostock

14:40-14:55 Verleihung des 2. ADF-/DDG-Forschungsstipendiums

T. A. Luger, K. Steinbrink

15:00-15:20 Quo vadis VORTRAG I

R. Paus:

Warum es das Haar aus der Tube (noch) nicht gibt

Einführung: M. Maurer

15:20-15:35 Verleihung der ADF-Preise I*

Paul-Langerhans-Preis, (T. A. Luger)

(Kurzvortrag des Preisträgers)

** Die ADF dankt BIOGEN-Idec für die Unterstützung.*

Donnerstag, 28. Februar 2008

15:35-16:05

Kaffeepause

Mit freundlicher Unterstützung der Merck Serono GmbH.

16:05-19:45

WORKSHOP

Mouse models for human skin diseases

**Organisation/
Moderation:**

A. Baur, M. Sticherling

16:05-16:45

Reinhard Fässler, Martinsried

Integrin linked Kinase (ILK) in epidermal morphogenesis

16:55-17:35

Ingo Haase, Köln

A murine model for T cell-mediated chronic psoriasiform skin inflammation

17:45-18:00

P A U S E

18:00-18:40

Lishan Su, Chapel Hill

Regulatory T cells in a novel humanized mouse model

18:50-19:30

Jürgen C. Becker, Würzburg

Lessons from mouse melanoma models

19:45-22:00

POSTERSESSION UND WELCOME-RECEPTION

bei Snacks und Getränken

Mit freundlicher Unterstützung von CellGenix Technologie Transfer GmbH.

Freitag, 29. Februar 2008

08:30-09:30

Vorträge II

Vorsitz: G. Stingl, E. Kämpgen

- V07** **08:30** **Interaction between dendritic cells and CD4+CD25+ T cells is required to suppress the sensitization phase of CHS**
S. Ring, S. Schallenberg, A. Enk, K. Mahnke; Heidelberg
- V08** **08:40** **B16 melanoma infiltrating Treg are resistant to antibody depletion and help creating a microenvironment that prevents T cells from tumour infiltration**
S. Schallenberg, E. Suri-Payer, K. Mahnke, S. Ring, T. Bedke, A. Enk; Heidelberg
- V09** **08:50** **Experimental extracorporeal photopheresis inhibits contact hypersensitivity by two mechanisms: generation of interleukin-10 and induction of regulatory T cells**
A. Maeda, A. Schwarz, T. Schwarz; Kiel
- V10** **09:00** **T cells are required for initiation of autoimmunity in experimental epidermolysis bullosa acquisita**
C. Sitaru, A. Sesarman, D. Zillikens, W. Solbach, P. Hultman, A. Sitaru; Lübeck, Linköping
- V11** **09:10** **Construction of a new oncolytic adenoviral vector with doxycycline-inducible expression of CD95L: Efficient combination of selective oncolysis with apoptosis induction in melanoma cells**
L. Fecker, H. Fechner, M. Schmude, A. Hossini, I. Sipo, C. Schwarz, X. Wang, J. Eberle; Berlin
- V12** **09:20** **Cell therapy restores skin function in an immunocompetent mouse model for dystrophic epidermolysis bullosa**
J. Kern, S. Loeckermann, A. Fritsch, R. Fässler, L. Bruckner-Tuderman; Freiburg, Martinsried

09:30-10:30

Posterwalks und P A U S E

Wir danken der Merck Serono GmbH für die freundliche Unterstützung.

Allergologie:

Dendritische Zellen:

Genetik:

Immunregulation:

Klinische Forschung:

Photobiologie:

Onkologie:

Zellbiologie:

Hautanhangsgebilde

Psoriasis

T. Jakob

K. Schäkel

C. Has

T. Biedermann

R. Stadler

K. Scharffetter-Kochanek

D. Schadendorf

H. Jonuleit

R. Paus

R. Sabat

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

Freitag, 29. Februar 2008

10:30-11:10 GÜNTER GOERZ GEDÄCHTNISVORLESUNG
C. Sorg, Innsbruck
***Neue Strukturen der Universitätsmedizin und ihre
Perspektiven für die Klinische Forschung***
Einführung: K. Steinbrink

11:10-12:10 Vorträge III
Vorsitz: J. Schröder, M. Goebeler

- V13 11:10 TGF-beta-differentiated Foxp3+ T regulatory (treg) cells protect scurfy mice**
E. Hüter, E. Shevach; Bethesda
- V14 11:20 Cyclosporin A but not everolimus inhibits DNA repair in human fibroblasts and lymphoblasts**
K. Thoms, C. Kuschal, T. Mori, N. Kobayashi, P. Laspe, L. Boeckmann, S. Emmert; Göttingen
- V15 11:30 Skin tumor development induced by carcinogens is controlled by IL-10 and mast cells**
F. Siebenhaar, M. Maurer; Berlin
- V16 11:40 Homeostatic proliferation drives the accumulation of "antigen-experienced" CD3+CD4-CD8- (DN) T cells in CD18-/- mice**
T. Oreshkova, H. Wang, A. Seier, A. Renkl, A. Sindrilaru, G. Varga, S. Grabbe, K. Scharffetter-Kochanek, T. Peters; Ulm
- V17 11:50 Complex ageing phenotype in mice with conditional deficiency for mitochondrial manganese superoxide dismutase in the connective tissue**
N. Treiber, M. Kohn, A. Keist, S. Katz, W. Bloch, S. Kochanek, S. Iben, J. Hoegel, L. Claes, K. Braunstein, A. Ludolph, M. Wlaschek, K. Scharffetter-Kochanek; Ulm
- V18 12:00 Glucocorticoids induce regulatory monocytes that control adaptive immune responses**
G. Varga, J. Ehrchen, K. Tenbrock, E. Nattkemper, U. Nordhues, A. Stadtbäumer, J. Roth, C. Sunderkötter; Münster

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

Mit freundlicher Unterstützung der Essex Pharma GmbH.

Freitag, 29. Februar 2008

14:10-15:10 Vorträge IV

Vorsitz: C. Mauch, M. Metz

- V19 14:10 Desmoglein 3 (Dsg3)-specific T regulatory 1 (Tr1) cells consist of two subpopulations with differential expression of Foxp3**
C. Veldman, M. Hertl; Marburg
- V20 14:20 Novel therapeutic strategies significantly reduce lymph node and pulmonary metastases in a spontaneously metastasizing mouse melanoma xenograft model**
T. Valero, S. Steele, P. Petzelbauer, R. Loewe; Wien
- V21 14:30 Structural and functional consequences of CYLD mutations giving rise to familial skin appendage tumors**
L. Parren, M. van Steensel, S. Jousen, J. Baron, M. van Geel, J. Frank; Maastricht, Aachen
- V22 14:40 Induction of IL-10 producing suppressor T cells by non-pathogenic gram-negative bacteria clears atopic dermatitis**
T. Volz, A. Gueniche, B. Knautd, E. Piche, E. Guenova, S. Kaesler, L. Breton, M. Röcken, T. Biedermann; Tübingen
- V23 14:50 MCS-18, a novel natural product isolated from Helleborus purpurascens inhibits DC activation and prevents autoimmunity**
E. Zinser, B. Horstmann, N. Turza, F. Kerek, A. Steinkasserer; Erlangen
- V24 15:00 Reprogramming CD8+ T cells with a HIV-1-specificity by electroporation of TCR-encoding RNA**
C. Hofmann, T. Harrer, K. Eismann, S. Bergmann, M. Schmitt-Haendle, G. Schuler, J. Dörrie, N. Schaft; Erlangen

15:10-15:30 Quo vadis VORTRAG II

E. von Stebut: *Th3, Th2, Th1, meins!*

Einführung: K. Steinbrink

15:30-15:45 Verleihung der ADF-Preise II*

Egon-Macher-Preis, (M. Röcken)

(Kurzvortrag des Preisträgers)

** Die ADF dankt MEDA Pharma für die Unterstützung.*

15:45-16:15 Kaffeepause

Mit freundlicher Unterstützung von Merck Serono GmbH.

Freitag, 29. Februar 2008

16:15-17:15 Gastvortrag*

E. Fuchs:

Stem Cells of the Skin: Morphogenesis & Cancer

Einführung/Diskussion: M. Maurer

**Die ADF dankt der Essex Pharma GmbH für die Unterstützung.*

17:15-17:45 Verleihung der ADF-Preise III*

Translational-Research-Preis (K. Reich)

Dermato-Onkologie-Preis der ADF (M. Leverkus)

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

**Die ADF dankt für die Unterstützung durch das Dermatologikum Hamburg, die Erwin & Irmgard Egner-Stiftung und die European Centre for Allergy Research Foundation (ECARF).*

17:45-19:15 Mitgliederversammlung

(Tagesordnung siehe ADF-Homepage, www.adf-online.de)

19:30-open end **Gesellschaftsabend**

Diskotheek "Hörsaal", Güterbahnhofstr. 3, 91052 Erlangen

Essen, Trinken und Tanzen

Der Kabarettist Klaus Karl-Kraus wird uns einen Einblick in die „Eigenarten der Franken“ geben.

Mit freundlicher Unterstützung von

Abbott GmbH & Co. KG, BD Biosciences, Beckman Coulter GmbH und Wyeth Pharma GmbH.

Samstag, 01. März 2008

09:00-10:00

Vorträge V

Vorsitz: C. Traidl-Hoffmann, D. Zillikens

- V25 09:00 DC cancer vaccines: development of new strategies for antigen loading**
K. Birkholz, J. Dörrie, N. Schaft, M. Schwenkert, C. Kellner, G. Fey, G. Schuler; Erlangen
- V26 09:10 Pathogenesis of spongiosis: Suprabasal keratinocyte-apoptosis and protection of basal keratinocytes by cFLIP**
A. Kerstan, N. Armbruster, E. Bröcker, M. Leverkus, A. Trautmann; Würzburg, Magdeburg
- V27 09:20 Keratinocyte-specific knockout of the Tfam protein elucidates an essential role of the mitochondrial respiratory chain for skin differentiation in vivo**
A. Klose, J. Klöpffer, R. Wiesner, R. Paus; Köln
- V28 09:30 Homotypic interactions mediated by Ly108 and SLAM control NKT lineage development**
K. Griewank, C. Borowski, S. Rietdijk, N. Wang, A. Julien, D. Wei, A. Mamchak, C. Terhorst, A. Bendelac; Chicago
- V29 09:40 Lympho-epithelial-kazal-type-inhibitor (LEKTI)-2: A novel epithelial peptide antibiotic**
Z. Wu, J. Bartels, J. Schröder; Kiel
- V30 09:50 ROS and UVA-1 lead to clustering and increased localisation of CSA and CSB in mitochondria of stressed cells.**
Y. Kamenisch, W. Schuller, J. Wenz, B. Fehrenbacher, M. Schaller, M. Röcken, M. Berneburg; Tübingen

10:00-10:20

Quo vadis-Vortrag III

S. Jahn: ***Wohin mit den Biologics?***

Einführung: W.-H. Boehncke

10:20-11:05

POSTERSESSION (alle geraden Posternummern)

Snacks und Getränke am Poster

11:05-11:50

POSTERSESSION (alle ungeraden Posternummern)

Snacks und Getränke am Poster

Mit freundlicher Unterstützung der Essex Pharma GmbH.

Samstag, 01. März 2008

11:50-12:50 Vorträge VI
Vorsitz: P. Boukamp, A. Enk

- V31 11:50 Autoantibodies of the IgG1 and IgG3 subclasses mediate the main pathogenic effects in epidermolysis bullosa acquisita**
A. Recke, C. Sitaru, G. Vidarsson, M. Evensen, M. Chiriac, D. Zillikens; Lübeck
- V32 12:00 Variants of genes coding for IL-12 and for IL-23R are associated with Psoriasis vulgaris and Psoriatic Arthritis in large German study groups**
U. Hüffmeier, J. Lascorz, B. Böhm, J. Lohmann, J. Wendler, R. Mößner, K. Reich, H. Burkhardt, H. Traupe, W. Kurrat, A. Reis; Erlangen
- V33 12:10 In experimental leishmaniasis T cell specific GATA-3 transgenic C57Bl/6 mice develop a Th-2 immune response but remain resistant to L. major.**
J. Ehrchen, K. Roebrock, K. Sturm, R. Lippe, G. Varga, J. Roth, C. Sunderkötter, K. Tenbrock; Münster
- V34 12:20 Platelets support vascular integrity in inflammation and tumor angiogenesis**
T. Goerge, B. Ho-Tin-Noe, C. Carbo Cots, S. Cifuni, D. Wagner; Boston
- V35 12:30 HIV/gp120 activates human CD4+CD25+ regulatory T cells and prevents autoreactive T cell responses in vivo**
C. Becker, J. Kubach, K. Michel, C. Becker, C. Taube, T. Bopp, E. Schmitt, F. Schneider, H. Jonuleit; Mainz
- V36 12:40 Cutaneous interleukin (IL)-15 is important for anti-tumoral immunity in mice**
K. Loser, T. Luger, S. Beissert; Münster

12:50-13:20 POSTERPREISE UND REISESTIPENDIEN*

Verleihung: B. Homey, N. Romani

** Die ADF dankt für die Unterstützung durch HERMAL und ALK Scherax.*

13:20 Danksagungen, Verabschiedung, Ende der Tagung
M. Maurer

POSTERSESSIONS

alle Posternummern:	Donnerstag, 28.02.08	18:30-22:00 Uhr
gerade Posternummern	Freitag, 29.02.08	12:10-13:10 Uhr
	Samstag, 01.03.08	10:20-11:05 Uhr
ungerade Posternummern:	Freitag, 29.02.08	13:10-14:10 Uhr
	Samstag, 01.03.08	11:05-11:50 Uhr

Allergologie

- P001 (V04) The role of cyclophosphamide-sensitive IL-10-producing CD4+CD25+regulatory T cells in low zone tolerance to contact allergens**
U. Frankenberg, N. Lorenz, R. Alt, K. Steinbrink; Mainz
- P002 Attenuation of allergic contact dermatitis by the GABA B receptor agonist baclofen.**
B. Duthey, S. Diehl, A. Hubner, J. Pfeffer, W. Boehncke; Frankfurt
- P003 Proliferation of skin-homing lymphocytes induced by the α -nascent polypeptide-associated complex (NAC, Hom S2) in adult patients with atopic dermatitis**
A. Heratizadeh, I. Mittermann, H. Balaji, R. Valenta, T. Werfel; Hannover
- P004 Recombinant allergen-based microarray: Detection of specific IgE to unexpected glove-derived allergens in a mouse model**
M. Busch, C. Schröder, J. M. Baron, H. Ott, T. Bruckner, T. L. Diepgen, V. Mahler; Erlangen
- P005 Mast cells mediate pro-inflammatory effects of Vasointestinal Peptide (VIP)**
A. Smorodchenko, M. Metz, M. H. Torvinen, F. Siebenhaar, M. Maurer; Berlin
- P006 Proinflammatory slanDC (6-sulfoLacNAc+ dendritic cells) in atopic dermatitis**
W. Baran, A. Hänsel, C. Semmler, A. König, M. Meurer, K. Schäkel; Dresden
- P007 NiSO₄ but not CoCl₂ or CrCl₃ induce Caspase-8 and -9 activation in lymphocytes and monocytes irrespective of the patch test reactivity of the blood donors**
B. Summer, V. Dietrich, R. Eben, P. Thomas; München
- P008 Cellular and humoral mechanisms of tolerance induction on specific immunotherapy (SIT) with birch pollen allergens**
C. Möbs, C. Slotosch, C. Veldman, H. Löffler, M. Hertl; Marburg
- P009 Lipoteichoic acid can attenuate mast-cell dependent allergic inflammation**
S. Mrabet-Dahbi, M. Metz, M. Maurer; Berlin
- P010 Establishment of a highly sensitive lymphocyte activation test (LAT) to paraphenylenediamine (PPD) to avoid severe skin test reactions in PPD allergic patients**
M. Kneilling, U. Caroli, C. Grimm, B. Hölz, J. Fischer, M. Röcken, T. Biedermann; Tübingen
- P011 Grass pollen extracts modify the mediator release from human primary keratinocytes**
C. Blume, T. Jäger, H. Behrendt, C. Traidl-Hoffmann; München

- P012** **Reduction of contact allergic ear swelling by topically applied cannabinoids: New treatment approaches for inflammatory skin diseases**
E. Gaffal, R. Steuder, A. Lukas, T. Tüting; Bonn
- P013** **Differentiation between cross-reactive carbohydrate determinant- and peptide-specific IgE-binding: Comparison of three automated detection systems.**
U. Jappe, M. Hoffmann, C. Huebsch-Mueller, A. Enk, M. Raulf-Heimsoth; Langen
- P014** **TRAIL-R2 Expression and Function in Murine Mast Cells**
S. Grotha, K. Hartmann; Köln
- P015** **The Perforin-positive Portion of CLA-positive Cytotoxic T lymphocytes Correlates with Total Serum IgE-levels in Patients with Extrinsic Atopic Dermatitis**
A. Ambach, B. Bonnekoh, H. Gollnick; Magdeburg
- P016** **Proteomic identification of allergen-protein interactions at the human epidermal immune barrier**
S. Helm, P. Pankert, L. Dietz, M. Schnoelzer, H. J. Thierse; Mannheim
- P017** **Regulation of Specific IgE-production in vitro by CD8-positive T cells in patients with Extrinsic Atopic Dermatitis**
M. Hoefeld-Fegeler, B. Bonnekoh, H. Gollnick, A. Ambach; Magdeburg

Angiologie

- P018 (V02)** **The lymphatic marker podoplanin effects wound healing**
B. Gehl, B. Kremer, L. Bruckner-Tuderman, V. Schacht; Freiburg

Dermatopathologie

- P019** **Guanylate-binding protein-1: A novel marker in skin lesions of human lupus erythematosus**
E. Naschberger, M. Herrmann, C. Kretz, P. H. Krammer, M. Stürzl, A. Kuhn; Erlangen
- P020** **Distribution of mast cells in tissues of patients with different skin tumors**
M. Ohle, N. Maaß, D. Groneberg, T. C. Fischer, P. Welker; Berlin
- P021** **In Vivo Evidence for Persistent Activation of Macrophages, Oxidative Damage and Accelerated Aging of Ulcer-Adjacent Fibroblasts in Chronic Venous Leg Ulcers**
A. Sindrilaru, N. Gall, K. Welt, C. Baican, T. Peters, T. Veleva-Oreschkova, H. Wang, J. Weiss, M. Wlaschek, K. Scharffetter-Kochanek; Ulm
- P022** **Transcriptional profiling identifies an interferon-associated host immuneresponse in invasive squamous cell carcinoma of the skin**
J. Wenzel, S. Tomiuk, S. Zahn, A. Vahsen, A. Wiechert, S. Mikus, M. Birth, M. Scheler, D. von Bubnoff, J. M. Baron, H. F. Merk, C. Mauch, T. Krieg, T. Bieber, A. Bosio, K. Hofmann, T. Tüting, B. Peters; Bonn
- P023** **The collagen VII hypomorph develops pseudosyndactyly, a key symptom of recessive epidermolysis bullosa, as a result of aberrant contractile fibrosis - implications for therapy**
A. Fritsch, S. Löckermann, J. S. Kern, R. Fässler, L. Bruckner-Tuderman; Freiburg
- P024** **Caspase-14 expression is increased in lesional skin of atopic dermatitis**
E. Proksch, C. Neumann, R. Fölster-Holst, J. M. Jensen, T. Schwarz; Kiel

- P025** **Does the Human Cytokeratin 8 represent a novel target protein to *S. aureus* adhesion?**
M. Haim, K. Önder, J. Bauer; Salzburg

Genetik

- P026** **FGFR3 mutations in solar lentigo suggest a common genetic basis with seborrhic keratosis**
C. Hafner, R. Stöhr, J. M. van Oers, E. C. Zwarthoff, F. Hofstädter, M. Landthaler, A. Hartmann, T. Vogt; Regensburg
- P027** **Evidence for founder effect of filaggrin mutations p.R501X, c.2282del4 and p.R2447X in ichthyosis vulgaris**
R. Gruber, A. R. Janecke, M. Rabl, V. Oji, H. Traupe, A. Sandilands, W. McLean, G. Utermann, P. O. Frisch, M. Schmuth; Innsbruck
- P028** **Identification of a recurrent mutation in variegate porphyria patients from Sweden and Chile: evidence for an independent novel founder effect**
A. van Tuyl van Serooskerken, M. Ernst, C. Wolff, Y. Floderus, P. Harper, M. van Geel, P. Poblete-Gutiérrez, J. Frank; Maastricht
- P029** **The end of a paradigm: a homozygous mutation in the UROD gene gives rise to hepatoerythropoietic porphyria but is not associated with fecal isocoporphyrin excretion or decreased enzymatic UROD activity**
T. Wiederholt, S. Hanneken, P. Poblete-Gutiérrez, H. F. Merk, M. Mendez, A. Fontanellas, J. D. Phillips, N. J. Neumann, M. Badminton, J. Frank; Aachen
- P030** **Increased hydrolytic activity in Netherton syndrome keratinocytes can be reduced by transfection with rAAV2-LEKTI vectors**
D. Roedl, H. Behrendt, J. T. Buters, M. Braun-Falco; München
- P031** **The R620W polymorphism in PTPN22 confers general susceptibility for the development of alopecia areata**
S. Eigelshoven, K. König, A. Flaquer, S. Redler, S. Hanneken, A. Kortüm, A. M. Hillmer, T. Tüting, J. Lambert, J. De Weert, R. Kruse, G. Lutz, B. Blaumeiser, M. M. Nöthen, R. C. Betz; Düsseldorf
- P032** **EXO1, a hormone-dependent and age-related gene, is expressed in human sebocytes**
B. Hermes, E. Makrantonaki, T. Brink, J. Adjaye, R. Herwig, H. Lehrach, C. C. Zouboulis; Berlin
- P033 (V32)** **Variants of Genes Coding for IL-12 β and for IL-23R are Associated with Psoriasis vulgaris and Psoriatic Arthritis in Large German Study Groups**
U. Hüffmeier, J. Lascorz, B. Böhm, J. Lohmann, J. Wendler, R. Möbner, K. Reich, H. Burkhardt, H. Traupe, W. Kurrat, A. Reis; Erlangen
- P034** **Shprintzen-Goldberg syndrome associated with a novel missense mutation in TGFB2**
M. A. van Steensel; Maastricht
- P035** **A case of Lelis syndrome**
M. A. van Steensel; Maastricht
- P036** **Granulomatous rosacea and Crohn's disease in a patient homozygous for the Crohn-associated NOD2/CARD15 polymorphism R702W**
M. A. van Steensel; Maastricht

WISSENSCHAFTLICHES PROGRAMM

- P037** **A novel missense mutation in the second extracellular domain of GJB2, S183F, causes a new syndrome of focal palmoplantar keratoderma with deafness**
M. A. van Steensel; Maastricht
- P038** **Severe early onset photosensitivity and Fanconi renal tubular syndrome in a girl with homozygous hereditary coproporphyrin and concomitant uroporphyrinogen decarboxylase deficiency**
J. Frank, M. Ernst, M. van Geel, J. Vis, N. Blatt, H. Puy, J. C. Deybach, W. E. Smoyer, J. J. Voorhees, D. R. Bickers; Maastricht
- P039** **Molecular genetic studies in diffuse and segmental variants of familial cutaneous leiomyomatosis**
S. Badeloe, M. van Geel, M. A. van Steensel, R. S. Bladergroen, P. M. Steijlen, M. F. Jonkman, A. Rübber, P. Poblete-Gutiérrez, J. Frank; Maastricht
- P040** **Association between HLA class I phenotypes and clinical manifestations in Adamantiades-Behçet disease patients in Germany**
A. Altenburg, N. Papoutsis, L. Krause, C. C. Zouboulis; Dessau
- P041 (V21)** **Structural and functional consequences of CYLD mutations giving rise to familial skin appendage tumors**
L. J. Parren, M. A. van Steensel, S. Jousen, J. M. Baron, M. van Geel, J. Frank; Maastricht
- P042** **Compound heterozygous mutations in the coproporphyrinogen oxidase and protoporphyrinogen oxidase gene in a novel type of dual porphyria**
A. van Tuyl van Serooskerken, S. Badeloe, K. te Velde, R. S. Bladergroen, M. van Geel, J. Frank; Maastricht
- P043** **Novel and recurrent mutations in K1 in palmoplantar keratoderma with tonotubules**
G. Grimberg, I. Haußer, F. Müller, K. Wodecki, C. Schaffrath, T. Krieg, V. Oji, H. Traupe, M. Arin; Köln
- P044 (V12)** **Cell therapy restores skin function in an immunocompetent mouse model for dystrophic epidermolysis bullosa**
J. S. Kern, S. Löckermann, A. Fritsch, R. Fässler, L. Bruckner-Tuderman; Freiburg

Immunologie

- P045** **Thy-1 induces secretion of matrix metalloproteinase-9 and CXCL8 from neutrophils**
A. Saalbach, J. Leßig, J. Arnhold, J. C. Simon, U. Anderegg; Leipzig
- P046** **CD8+CD11c+ dendritic cells are required for tolerance to contact allergens**
N. Lorenz, U. Frankenberg, R. Alt, B. Seebach, K. Steinbrink; Mainz
- P047** **Epigenetic Control of the Expression of Cathelicidin and CD14 by 1,25-Dihydroxyvitamin D3 in keratinocytes**
J. Schaubert, Y. Oda, A. S. Büchau, Q. Yun, A. Steinmeyer, U. Zügel, D. D. Bikle, R. L. Gallo; München
- P048 (V05)** **CD137 ligand induces dendritic cell maturation and migration via TNF- α and CCR7**
U. Lippert, K. Zachmann, D. M. Ferrari, H. Schwarz, C. Neumann, A. Soruri; Göttingen

- P049** **UV-induced regulatory T cells stimulate antigen presenting cells to further induce regulatory T cells**
A. Schwarz, A. Maeda, T. Schwarz; Kiel
- P050 (V33)** **Interaction between dendritic cells and CD4+CD25+ T cells is required to suppress the sensitization phase of CHS**
S. Ring, S. Schallenberg, A. Enk, K. Mahnke; Heidelberg
- P051** **Antimicrobial defence of human hair follicle epithelium: Inducible expression of RNase 7 and psoriasin and constitutive expression of hornerin**
K. Reithmayer, K. C. Meyer, R. Gläser, J. Harder, J. M. Schröder, R. Paus; Lübeck
- P052** **Characterization of regulatory T cells in skin lesions and peripheral blood of patients with scleroderma**
S. Klein, C. Kretz, R. Klemmt, N. Oberle, M. Hartmann, A. Enk, E. Suri-Payer, P. H.Krammer, A. Kuhn; Heidelberg
- P053** **A novel single chain fragment variable against DEC205 increases tumor antigen targeting capabilities leading to improved tumorthrapy**
T. S. Johnson, V. Storn, S. Ring, R. Kontermann, F. Le Gall, D. M. Nettelbeck, A.Enk, K. Mahnke; Heidelberg
- P054** **CD4+CD25+ regulatory T cells reduce the transendothelial migration of CD4+CD25- T cells**
T. Bedke, S. Ring, S. Schallenberg, K. Mahnke, A. Enk; Heidelberg
- P055** **Steuerung der Syndecan-4 vermittelten Motilität Dendritischer Zellen über PKC-delta abhängige PCK-alpha Assoziation**
J. Bühligen, C. Gebhardt, W. Ziegler, M. Himmel, M. Averbek, J. C. Simon; Leipzig
- P056** **Effect of Toll-like Receptor 2 ligand Lipoteichoic acid on development of Atopic Dermatitis**
S. Kaesler, U. Hein, T. Volz, K. Chen, M. Röcken, T. Biedermann; Tübingen
- P057** **Naturally occurring T-cell responses against the tumor antigens MageA3, MelanA and Survivin in stage IV melanoma patients**
M. Schmitt-Haendle, S. Volland, I. Haendle, E. Kämpgen, B. Schuler-Thurner, G.Schuler; Erlangen
- P058** **Broad T cell reactivity against a tumor-associated self antigen in melanoma patients and healthy individuals without obvious signs of auto immunity**
C. Erfurt, I. Haendle, B. Schuler-Thurner, K. Thielemanns, P. van der Bruggen, G.Schuler, E. Schultz; Erlangen
- P059** **Skin mast cells enhance resistance to animal venoms**
M. Metz, A. M. Piliponsky, M. Maurer, S. J. Galli; Berlin
- P060** **Loss of IFN-g inducibility of the MHC class II antigen processing pathway in head and neck cancer: evidence for posttranscriptional as well as epigenetic regulation**
M. Meissner, T. Whiteside, P. van Kuik-Romain, E. Valesky, P. van den Elsen, R.Kaufmann, B. Seliger; Frankfurt/Main
- P061 (V10)** **T cells are required for initiation of autoimmunity in experimental epidermolysis bullosa acquisita**
C. Sitaru, A. Sesarman, D. Zillikens, W. Solbach, P. Hultman, A. G. Sitaru; Lübeck
- P062** **Efalizumab induces T cell hyporesponsivness**
F. Koszik, G. Stary, N. Selenko-Gebauer, G. Stingl; Wien

- P063** **Accumulation of epidermis-derived CCL27 in skin-draining lymph nodes following topical application of a contact sensitizer induces accumulation of CCR10-positive cells**
A. S. Lonsdorf, V. Huang, L. Fang, E. Cha, K. Nagao, M. Zaleska, W. L. Olszewski, S. T. Hwang; Bethesda
- P064** **Development of testing strategies for the in vitro differentiation between contact allergens and irritant chemicals**
P. Esser, V. Weber, S. F. Martin; Freiburg/Breisgau
- P065** **Evidence for a major role of IL-18 in cutaneous lupus erythematosus.**
D. Wang, M. Drenker, B. Eiz-Vesper, T. Werfel, M. Wittmann; Hannover
- P066 (V36)** **Cutaneous interleukin (IL)-15 is important for anti-tumoral immunity in mice**
K. Loser, T. A. Luger, S. Beissert; Münster
- P067 (V13)** **TGF β -differentiated Foxp3+ T Regulatory (Treg) Cells Protect Scurfy Mice**
E. N. Huter, E. M. Shevach; Bethesda
- P068** **Neutralization of TNF- α augments the suppression of Th2 cells by IL-10-treated DC-and TGF- β -induced regulatory T cells (iTreg)**
I. Bellinghausen, T. Hilmenyuk, S. Grabbe, J. Saloga; Mainz
- P069** **Enhanced in vivo secretion of antimicrobial peptides in psoriasis vulgaris and atopic dermatitis**
R. Gläser, B. Köten, R. Fölster-Holst, J. M. Schröder, J. Harder; Kiel
- P070** **Defects in dendritic cell (DC) function in IL-1 receptor antagonist (RA) deficient mice are responsible for progressive disease in L. major infection**
S. Lopez Kostka, S. Dinges, Y. Iwakura, M. C. Udey, E. von Stebut; Mainz
- P071** **Desmoglein 3-specific antibodies generated in an HLA-class II-transgenic mouse model of pemphigus vulgaris are pathogenic**
R. Eming, C. Feliciani, V. Eubel, E. Podstawa, R. Müller, G. Sonderstrup, M. Hertl; Marburg
- P072 (V16)** **Homeostatic proliferation drives the accumulation of "antigen-experienced" CD3+CD4-CD8- (DN) T cells in CD18-/- mice**
T. Oreshkova, H. Wang, A. Seier, A. Renkl, A. Sindrilaru, G. Varga, S. Grabbe, K. Scharffetter-Kochanek, T. Peters; Ulm
- P073** **Mature mast cells induce dendritic cell maturation resulting in T cell proliferation and polarization to TH1 response**
A. Dudeck, C. Sünder, S. Heydrich, M. Maurer; Berlin
- P074** **IL-4 and IL-15 promote immature mast cell adhesion to skin endothelial cells and chemotaxis**
A. Zimmermann, M. Grusser, M. Maurer, A. Dudeck; Berlin
- P075** **Cytokines and TLR ligands exert different effects on B7H1 expression by dendritic cell (DC) subpopulations**
S. Karakhanova, K. Mahnke, A. Enk; Heidelberg
- P076** **Viral chemokines antagonist vMIP-II reduces metastasis formation**
S. Rubant, N. Chassalevris, R. J. Ludwig, W. Boehncke; Frankfurt/Main

- P077 (V18) Glucocorticoids induce regulatory monocytes that control adaptive immune responses**
G. Varga, J. Ehrchen, K. Tenbrock, E. Nattkemper, U. Nordhues, A. Stadtbäumer, J. Roth, C. Sunderkötter; Münster
- P078 The role of the peripheral tissue microenvironment in T cell homing receptor imprinting**
F. Edele, R. Molenaar, D. Gütle, R. Mebius, B. Homey, M. Hornef, S. F. Martin; Freiburg
- P079 Interferon-alpha partially reverses tolerance mechanisms induced by tolerogenic dendritic cells**
N. Bacher, E. Graulich, K. Steinbrink; Mainz
- P080 Cytokines are critically involved in a PMN-dependent and TLR4-mediated protective mechanisms against oral C. albicans infections**
M. Schaller, J. Naglik, H. Korting, T. Biedermann, S. Kaesler, G. Weindl; Tübingen
- P081 Blockade of ICOS-ICOS-ligand interaction prevents tolerance induction by immature dendritic cells**
A. Tuettenberg, S. Stoll, E. N. Huter, M. Hubo, J. Kubach, J. Horn, J. Knop, B. Grimbacher, H. Jonuleit; Mainz
- P082 Differentially expressed molecules during the maturation of dendritic cells:**
D. Ortner, M. Hermann, E. Kremmer, C. Heufler; Innsbruck
- P083 (V19) Desmoglein 3 (Dsg3)-specific T regulatory 1 (Tr1) cells consist of two subpopulations with differential expression of Foxp3**
C. Veldman, M. Hertl; Marburg
- P084 The anti-CD20 monoclonal antibody, rituximab, acts in pemphigus vulgaris (PV) by decreasing pathogenic auto-antibodies against the NH2-terminus of the desmoglein 3 (Dsg3) ectodomain**
R. Müller, V. Svoboda, N. Hunzelmann, E. Wenzel, P. Mousette, P. Joly, M. Hertl; Marburg
- P085 Mutation of TREX1, a SLE-associated DNASE, in a patient with Lupus Tumidus (LT)**
C. Pfeiffer, M. A. Lee-Kirsch; Ulm
- P086 Mast cells control toxicity of bacterial toxins**
M. Metz, M. Magerl, I. Walev, S. Bhakdi, M. Maurer; Berlin
- P087 Nanotechnology to unravel quantitative and spatial requirements for mast cell degranulation using allergen bound to nanostructured surfaces**
F. Wölbing, F. Belz, J. Spatz, T. Biedermann; Tübingen
- P088 Herpes Simplex Virus Type 1 Induces CD83 Degradation in Mature Dendritic Cells with Immediate-Early Kinetics via the Cellular Proteasome**
M. Kummer, N. M. Turza, P. Mühl-Zürbes, M. Lechmann, C. Boutell, R. S. Coffin, R.D. Everett, A. Steinkasserer, A. T. Prechtel; Erlangen
- P089 (V35) HIV/gp120 activates human CD4+CD25+ regulatory T cells and prevents autoreactive T cell responses in vivo**
C. Becker, J. Kubach, K. Michel, C. Becker, C. Taube, T. Bopp, E. Schmitt, F. J. Schneider, H. Jonuleit; Mainz
- P090 HIV-1 Viremia is Associated With the Upregulation of Apoptosis-Inducing TRAIL on Plasmacytoid Dendritic Cells**
G. Stary, S. Kohlhofer, G. Stingl, N. Kohrgruber; Wien

WISSENSCHAFTLICHES PROGRAMM

- P091** **Functional properties of DC derived from Myosin 9b^{-/-} mice**
S. Balkow, Y. Xu, K. Grobe, M. Krummen, S. Heinz, C. Loquai, K. Loser, M. Bähler, S. Grabbe; Mainz
- P092** **Induction of IL-12 secretion and migration of human dendritic cells by adenoviral gene transfer of CD40L and combined IFN-gamma treatment**
I. Knippertz, A. Hesse, E. Kämpgen, G. Schuler, A. Steinkasserer, D. M. Nettelbeck; Erlangen
- P093** **Differentiation of human monocytes by glucocorticoids reveals unique phenotypic and functional features that cannot be mimicked by regulatory cytokines such as IL-4, IL-6, and IL-10**
A. Tsianakas, J. Ehrchen, J. Roth, C. Sunderkötter, G. Varga; Münster
- P094** **Regulation of chemokines and c-myc by interferon gamma-producing, antigen-specific Th1 cells.**
H. Braumüller, N. Bauer, M. Röcken, T. Wieder; Tübingen
- P095** **Langerhans cells are crucial for early expansion of CD8⁺ T cells in experimental leishmaniasis but dispensable for resolving the infection**
N. Brewig, A. Kissenpfennig, B. Malissen, A. Veit, B. Fleischer, U. Ritter; Hamburg
- P096 (V22)** **Induction of IL-10 producing suppressor T cells by non-pathogenic gram-negative bacteria clears atopic dermatitis**
T. Volz, A. Gueniche, B. Knautd, E. Piche, E. Guenova, S. Kaesler, L. Breton, M. Röcken, T. Biedermann; Tübingen
- P097** **CD83 knockdown in monocyte-derived dendritic cells by small interfering RNA leads to a diminished T cell stimulation.**
A. T. Prechtel, N. M. Turza, A. A. Theodoridis, A. Steinkasserer; Erlangen
- P098 (V23)** **MCS-18, a novel natural product isolated from Helleborus purpurascens inhibits DC activation and prevents autoimmunity**
E. Zinser, B. Horstmann, N. M. Turza, F. Kerek, A. Steinkasserer; Erlangen
- P099** **IL-4 potently regulates peripheral blood derived conventional dendritic cell function**
E. Guenova, K. Sauer, G. Weindl, T. Volz, M. Schaller, M. Röcken, K. Schäkel, T. Biedermann; Tübingen
- P100** **A fast and robust method to clone and test the function of T cell receptors**
K. Birkholz, S. Hoyer, C. Hofmann, B. Schulz, E. Kämpgen, G. Schuler, N. Schaft, J. Dörrie; Erlangen
- P101** **Making T cell independent of MHC - electroporation of RNA encoding chimeric T cell receptors**
N. Schaft, C. Krug, S. Reuter, D. Kosmides, H. Abken, M. H. Kershaw, E. Kämpgen, G. Schuler, J. Dörrie; Erlangen
- P102** **Providing specific T-cell help by electroporation of TCR-encoding RNA into CD4⁺ T cells**
S. Hoyer, K. Birkholz, G. Schuler, J. Dörrie, N. Schaft; Erlangen
- P103** **Activation of mast cells via TLR2 results in strong cytokine production and release, but not degranulation**
S. Mrabet-Dahbi, M. Metz, M. Maurer; Berlin

- P104 (V24) Reprogramming CD8+ T cells with a HIV-1-specificity by electroporation of TCR-encoding RNA**
C. Hofmann, T. Harrer, K. Eismann, S. Bergmann, M. Schmitt-Haendle, G. Schuler, J. Dörrie, N. Schaft; Erlangen
- P105 Anergic induced regulatory T cells exhibit strongly impaired nuclear translocation of NFAT**
H. Adler, R. Orth, N. Bacher, K. Streck, E. Graulich, K. Steinbrink; Mainz
- P106 (V25) DC cancer vaccines: development of new strategies for antigen loading**
K. Birkholz, J. Dörrie, N. Schaft, M. Schwenkert, C. Kellner, G. H. Fey, G. Schuler; Erlangen
- P107 Murine mast cell proliferation and apoptosis is regulated by activation of Proteinase-activated receptors**
C. Sünder, M. Grusser, S. Seeliger, M. Steinhoff, M. Maurer, A. Dudeck; Berlin
- P108 Identification and role of carboxypeptidase D in lupus erythematosus**
N. P. Hoff, J. U. Wuerthner, K. Pfeffer, U. R. Hengge; Düsseldorf
- P109 (Cross)-presentation of Ovalbumin by Langerhans Cells (LC) and dermal Dendritic Cells**
C. H. Tripp, P. Stoitzner, V. Flacher, F. Sparber, F. Koch, N. Romani; Innsbruck
- P110 Slan-dendritic cells (6-Sulfo LacNAc-expressing dendritic cells) in contrast to CD1c+ dendritic cells express high levels of functional TLR7- and TLR8-receptors**
A. Hänsel, M. Meurer, E. P. Rieber, K. Schäkel; Dresden
- P111 Low doses of denileukin difitox (ONTAK) induce survival of CD4+CD25+regulatory T cells in vitro**
G. Theiner, A. Baur, S. Dotterweich, M. Lutz, G. Schuler; Erlangen
- P112 (V28) Homotypic interactions mediated by Ly108 and SLAM control NKT lineage development**
K. G. Griewank, C. Borowski, S. Rietdijk, N. Wang, A. Julien, D. Wei, A. Mamchak, C. Terhorst, A. Bendelac; Chicago
- P113 (V29) Lympho-Epithelial-Kazal-Type-Inhibitor (LEKTI)-2: A Novel Epithelial Peptide Antibiotic**
Z. Wu, J. Bartels, J. M. Schröder; Kiel
- P114 CD11c+ dermal DC but not epidermal Langerhans cells are required for efficient induction of CD8+ CTL responses in the skin following gene gunimmunization**
E. Gaffal, E. Basner-Tschakarjan, S. Büchs, L. Wang-Eckhard, S. Jung, B. Claussen, A. Limmer, C. Kurts, T. Tüting; Bonn
- P115 New genetic tools for the investigation of mast cell biology**
J. Scholten, A. Gerbaulet, T. Krieg, W. Müller, G. Testa, K. Hartmann, A. Roers; Köln
- P116 A C-terminal Ifapsoriasin Fragment Is a Selectively Pseudomonas aeruginosa-Killing Peptide**
B. Hansmann, Z. Wu, U. Meyer-Hoffert, J. M. Schröder; Kiel
- P117 Down-regulation of constitutive NF- κ B activation in macrophages by acetyl-keto-b-boswellic acid alleviates skin inflammation in a murine psoriasis model**
H. Wang, S. Tatiana, D. Kess, B. Berthold, K. Scharffetter-Kochanek, S. Thomas; Ulm

- P118 (V31) Autoantibodies of the IgG1 and IgG3 subclasses mediate the main pathogenic effects in epidermolysis bullosa acquisita**
A. Recke, C. Sitaru, G. Vidarsson, M. Evensen, M. T. Chiriac, D. Zillikens; Lübeck
- P119 (V07) In experimental leishmaniasis T cell specific GATA-3 transgenic C57Bl/6 mice develop a Th-2 immune response but remain resistant to L.major.**
J. Ehrchen, K. Roebrock, K. Sturm, R. Lippe, G. Varga, J. Roth, C. Sunderkötter, K.Tenbrock; Münster
- P120 Influences of toll like receptor ligands on the immunstimulatory capacity of human dendritic cells**
M. Hubo, S. Stoll, J. Kubach, H. Jonuleit; Mainz
- P121 Immunisation with different adjuvants alters the disease progression in mice with experimental epidermolysis bullosa acquisita (EBA)**
K. Bieber, C. Sitaru, D. Zillikens, J. Westermann; Lübeck
- P122 Scavenger receptor stabilin-1 links endocytosis and intracellular sorting in alternatively activated macrophages**
J. Kzhyshkowska, A. Gratchev, L. Krusell, S. Mamidi, J. Zhang, G. Workman, H.Sage, S. Goerd; Mannheim
- P123 Effects of pollen-associated lipid mediators (PALMs) on maturation and cytokine secretion of human dendritic cell subsets**
S. Gilles, D. Jacoby, K. Schäkel, M. Müller, J. Ring, H. Behrendt, C. Traidl-Hoffmann; München
- P124 Myeloperoxidase is required for antibody-induced tissue damage in experimental epidermolysis bullosa acquisita**
M. T. Chiriac, D. Zillikens, C. Sitaru; Lübeck
- P125 A protective role of complement component 3 (C3) in allergic contact dermatitis**
R. Purwar, W. Baeumer, K. Baumert, M. Kietzmann, T. Werfel; Hannover
- P126 Consequences of PPAR-alpha deficiency on the in vivo phenotype of Langerhans cells and T cells.**
S. Dubrac, P. Stoitzner, K. Schoonjans, J. Auwerx, N. Romani, M. Schmuth; Innsbruck
- P127 Dendritic cell differentiation state and their interaction with NKT cells determines Th1/Th2 differentiation in the murine model of Leishmania major infection**
C. Wiethe, A. Steinkasserer, M. Lutz, A. Gessner; Erlangen
- P128 T-cell responses in stage IV melanoma patients vaccinated with dendritic cell selectroporated with defined RNA**
I. Haendle, M. Schmitt-Haendle, S. Volland, M. Erdmann, S. Schliep, N. Schaft, J.Doerrie, E. Kämpgen, B. Schuler-Thurner, G. Schuler; Erlangen
- P129 Th2-biased de novo immune response to keyhole limpet hemocyan in inhumans**
D. Spazierer, H. Skvara, M. Dawid, N. Fallahi, K. Rose, P. Lloyd, S. Heuerding, G.Stingl, T. Jung; Wien
- P130 High frequency of activated slanDC (6-sulfoLacNAc+ dendritic cells) in psoriasis**
C. Günther, J. Starke, N. Zimmermann, F. Landthaler, M. Meurer, K. Schäkel; Dresden

- P131 Agonist of proteinase-activated receptor-2 (PAR2) enhances effects of IFN γ on human monocyte functions**
M. Feld, V. Shpacovitch, S. Ludwig, S. W. Schneider, M. Steinhoff; Münster
- P132 Dendritic cell survival during differentiation and maturation depends on anti-apoptotic effects of TNF**
M. Lehner, M. Schmid, P. Diessenbacher, M. Leverkus, C. Erfurt, M. Erdmann, E. Kämpgen, W. Holter; Erlangen
- P133 Aminopeptidase activity impairs the recognition of melanoma cells by Melan-A/MART-1(26-35)-specific T cells**
A. Paschen, U. Seifert, T. Lehmann, S. Urban, B. Reimann, M. Song, P. M. Kloetzel, D. Schadendorf; Mannheim
- P134 The immunoprivileged bulge: Regeneration pool and immunological "Achilles'heel" of the hair follicle?**
K. C. Meyer, J. E. Kloepper, H. V. Dinh, R. Sinclair, R. Paus; Lübeck
- P135 Priming of Leishmania-reactive CD8⁺ T cells occurs primarily in Leishmania-resistant C57BL/6 mice and is not immunoproteasome-dependent**
S. Brosch, K. Kronenberg, S. Tenzer, H. Schild, E. von Stebut; Mainz
- P136 Limited role of in vivo expanded regulatory T cells for psoriasiform skin disorder in TGF beta transgenic mice.**
K. Michaelis, A. Kerstan, A. G. Li, X. J. Wang, T. Kerkau, N. Beyersdorf, T. Hünig, M.P. Schön; Würzburg
- P137 Are TLR agonists better maturation stimuli for clinically applicable dendritic cell vaccines ?**
D. Heise, M. Schmid, N. Schaft, J. Doerrie, G. Schuler, E. Kämpgen; Erlangen
- P138 Antigen specific abrogation of immunity using Indium111 labeled dendritic cells**
I. Mueller, N. Schaft, J. Doerrie, I. Grelle, C. Reiners, J. C. Becker, G. Schuler, E. Kämpgen; Erlangen
- P139 Reactive oxygen species (ROS) inhibit IL-6 production in vitro and in vivo through induction of the negative regulating transcription factor ATF-3**
W. Hoetzenecker, J. Brueck, E. Guenova, I. Glocova, C. Weigert, F. Wölbing, K. Ghoreschi, M. Röcken; Tübingen

Klinische Forschung

- P140 Successful treatment of refractory Behet's disease with TNF- α blocker infliximab**
A. Jalili, G. Minimair, T. Kinaciyar, G. Stingl, S. Wöhrl; Wien
- P141 TRANSCUTANEOUS PO₂ IMAGING DURING TOURNIQUET-INDUCED FOREARM ISCHEMIA USING PLANAR OPTICAL OXYGEN SENSORS**
P. Babilas, P. Lamby, L. Prantl, S. Schreml, G. Liebsch, O. S. Wolfbeis, M. Landthaler, R. Szeimies, C. Abels; Regensburg
- P142 Differential value of the NC16a-ELISA in elderly patients with chronic pruritus**
S. C. Hofmann, C. Otto, L. Bruckner-Tuderman, L. Borradori; Freiburg

- P143** **Correlation of disease activity and severity and IgG reactivity against BP180 in a cohort of 50 patients with bullous pemphigoid (BP)**
K. Genthner, R. Müller, S. Schwietzke, R. Leinweber, H. Müller, M. Hertl, A. Niedermeier; Marburg
- P144** **Analyses of Fussel-15, a new antagonist of TGF- β /BMP signalling cascade which plays a role in skin sclerosis**
S. Arndt, S. Karrer, A. Bosserhoff; Regensburg
- P145** **Biological relevance of GRO- α gene inhibition in human epithelial cells**
J. Wolf, L. Devermann, S. Fimmel, C. C. Zouboulis; Berlin
- P146** **In vivo confocal laser-scanning microscopy of inflammatory skin diseases**
S. Koller, V. Ahlgrimm-Siess, A. Gerger, J. Smolle, R. Hofmann-Wellenhof; Graz
- P147** **Evaluation of disease activity in pemphigus patients by the autoimmune bullous skin disorder intensity score (ABSIS)**
A. Müllers, M. Pfütze, A. Niedermeier, M. Hertl, R. Eming; Marburg
- P148** **High frequency of Corticosteroid and Immunosuppressive Therapy in Patients with systemic sclerosis**
P. Moinzadeh, N. Hunzelmann, T. Olski, E. Genth, T. Krieg, W. Lehmacher, I. Melchers, M. Meurer, U. Müller-Ladner, C. Pfeiffer, G. Riemekasten, E. Schulze-Lohoff, C. Sunderkötter, M. Weber; Köln
- P149** **Pili annulati associated with alopecia areata: coincidence or a new entity?**
K. Giehl, M. Schmuth, A. Tosti, D. De Berker, J. Frank; München
- P150** **Effects of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin on SZ95 sebocyte proliferation and lipid synthesis**
Q. Ju, S. Fimmel, R. Stahlmann, C. C. Zouboulis; Berlin
- P151** **Biphasic expression of stromal cell-derived factor-1 (SDF-1/CXCL12) during human wound healing**
A. Toksoy, V. Müller, R. Gillitzer, M. Goebeler; Würzburg
- P152** **The macrophage-activating lipopeptide-2 (MALP-2) which accelerates wound healing in mice is well tolerated after intracutaneous injection in a phase I trial in 12 patients**
M. Niebuhr, P. Mühlradt, M. Wittmann, A. Kapp, T. Werfel; Hannover
- P153** **Comparison of immune responses after vaccination with tumour-peptide-loaded dendritic cells with or without prior denileukin diftitox treatment in metastasized malignant melanoma**
M. Erdmann, I. Haendle, M. Schmitt-Haendle, W. Leisgang, S. Trump, M. Wiesinger, G. Theiner, E. Kämpgen, B. Schuler-Thurner, G. Schuler; Erlangen
- P154** **Clinical images and therapy of cutaneous side-effects induced by inhibitors of the epidermal growth factor receptor**
P. A. Gerber, E. Enderlein, B. Homey; Düsseldorf
- P155** **Toward the pathogenesis of cutaneous side-effects induced by inhibitors of the epidermal growth factor receptor**
P. A. Gerber, S. Kellermann, E. Enderlein, P. Ansari, R. Kubitzka, R. Guadarrama-Gonzalez, C. Mackenzie, B. Homey; Düsseldorf

WISSENSCHAFTLICHES PROGRAMM

- P156 Predictable clinical responses to Sorafenib in chemoresistant metastasized melanoma**
M. Erdmann, U. Kaemmerer, M. Schmidt-Haendle, C. Erfurt, B. Schuler-Thurner, G. Schuler, E. Kämpgen; Erlangen
- P157 Differences in intercellular cytokine release of lesional versus non lesional skin in patients with atopic dermatitis determined by cutaneous microdialysis and flowcytometric bead-array analysis**
S. R. Quist, J. Quist, H. Gollnick; Magdeburg
- P158 Serum concentrations of IP-10 in patients with metastasising melanoma during chemotherapy**
J. Krüger, M. Sticherling; Leipzig
- P159 Pimecrolimus but not betamethasone preserves antimicrobial protein expression in atopic dermatitis**
J. M. Jensen, B. Köhler, J. Harder, M. Bräutigam, T. Schwarz, R. Fölster-Holst, E. Proksch, R. Gläser; Kiel
- P160 ECE-1 regulates receptor recycling-independent resensitization**
D. Roosterman, S. W. Schneider, M. Steinhoff; Münster
- P161 Immunogenicity of HLA-A2-restricted peptide epitopes of the tumor stroma-associated antigen FAP α**
V. Hofmeister, H. Voigt, M. Fassnacht, M. H. Andersen, D. Schrama, E. B. Broecker, J. C. Becker; Würzburg
- P162 T cell-mediated immunity differs significantly in patients with herpes zoster in comparison to age- and gender-matched controls**
S. G. Schäd, R. Baukholt, H. Krentz, J. Trcka, B. Müller-Hilke, G. Gross; Rostock

Mediatoren

- P163 Peroxisome proliferator-activated receptor (PPAR)- and vitamin D receptor(VDR)- signaling pathways in melanoma**
P. Sertznig, M. Seifert, W. Tilgen, J. Reichrath; Homburg
- P164 Neuroendocrine cross-regulation in human scalp skin: ACTH and TRH stimulate prolactin and prolactin receptor expression in human hair follicles**
K. Foitzik, N. van Beek, C. Hardenbicker, E. Bodo, E. Gáspár, R. Paus; Lübeck
- P165 Recovery of cytokines can be improved in vitro and in vivo using oncotic active perfusates in microdialysis**
S. R. Quist, J. Quist, H. Gollnick; Magdeburg

Mikrobiologie

- P166 The relevancy of molecular weight and pH-value on the antimycotic activity of chitosan hydrochloride and carboxymethyl chitosan against *Candida albicans* - Comparative measurements via nephelometry and fluorescence.**
F. Seyfarth, P. Elsner, U. Hipler; Jena
- P167 Fusariosis in a peripheral blood stem cell transplant (PBSCT) recipient with acute lymphoblastic leukaemia - Comparative diagnostics with MALDI-TOF and PCR**
F. Seyfarth, M. Ehrhard, A. Burmester, M. Ziemer, H. Sayer, U. Hipler; Jena

- P168** **Immunization with a dominant-negative recombinant Herpes simplex virus (HSV) type 1 protects against HSV-2 genital disease in guinea pigs**
R. Brans, F. Yao; Boston
- P169** **Dermcidin - derived peptides show a different mode of action against Staphylococcus aureus than the cathelicidin LL-37**
I. Senyuerek, H. Kalbacher, A. Peschel, B. Schittek; Tübingen
- P170** **Differential induction of antimicrobial peptide expression in human keratinocytes by microorganisms**
H. Steffen, I. Wanke, B. Schittek; Tübingen
- P171** **Murine β -Defensin 14 is an antimicrobial active and inducible protein**
K. Hinrichsen, J. Harder, E. Proksch; Kiel
- P172** **Proinflammatory staphylococcal cell wall component lipoteichoic acid potently suppresses skin inflammation by direct inhibition of T cell activation**
K. Chen, S. Kaesler, U. Hein, C. Draing, T. Hartung, M. Röcken, T. Biedermann; Tübingen

Pharmakologie

- P173** **Regulation of the hyaluronan metabolism in human skin by topical dexamethasone**
C. Gebhardt, M. Averbek, N. Diedenhofen, A. Willenberg, U. Anderegg, J. C. Simon; Leipzig
- P174** **TNF- α binding capacity in vitro of alginate and silver containing alginate wound dressings**
C. Wiegand, M. Abel, P. Ruth, U. Hipler; Jena
- P175** **Irreversible binding and activity reduction of elastase by native collagen type I in vitro**
C. Wiegand, M. Abel, U. Hipler; Jena
- P176** **Establishing in vitro models to determine atrophogenic potential**
S. Schoepe, H. Schäcke, K. Asadullah; Berlin
- P177** **Detection of dimethylfumarate metabolites in humans**
M. Rostami Yazdi, B. Clement, U. Mrowietz; Kiel
- P178** **Proteasome inhibitors suppress angiogenesis by altering endothelial VEGFR-2 expression**
M. Meissner, G. Reichenbach, I. Hrgovic, D. Michailidou, M. Stein, R. Kaufmann, J. Gille; Frankfurt/Main
- P179** **Nanoscalic silver - a new silver composition with broad spectrum antimicrobial activity and less toxicological side effects than silversulfadiazine**
O. Brandt, M. Mildner, A. Egger, M. Groessel, C. Strupp, B. Mueller, B. Keppler, G. Stingl; Wien
- P180** **Glucocorticoid receptor activation effectively blocks sensitization and elicitation in hapten-induced murine contact hypersensitivity models**
S. Schmittel, T. Gust, C. Stock, H. Rehwinkel, K. Asadullah, U. Zügel, W. Döcke, H. Schäcke, E. May; Berlin
- P181** **Evaluation of non-invasive methods to assess the effect:side effect profile of topically applied glucocorticoids**
A. Bredenbeck, T. Zollner, K. Asadullah, U. Zügel, E. May; Berlin

- P182 Hydroxychloroquine regulates metabolic activity, proliferation, and autophagic cell death of human dermal fibroblasts**
B. Ramser, D. Metze, A. Kokot, T. A. Luger, M. Böhm; Münster

Photobiologie

- P183 In Graft versus Host disease Extracorporeal Photopheresis increases number and function of regulatory T cells**
S. Schmitt, K. Mahnke, K. Schönfeld, S. Karakhanova, A. Enk; Heidelberg
- P184 (V09) Experimental extracorporeal photopheresis inhibits contact hypersensitivity by two mechanisms: generation of interleukin-10 and induction of regulatory T cells**
A. Maeda, A. Schwarz, T. Schwarz; Kiel
- P185 Optical detection of singlet oxygen produced by fatty acids and phospholipids under UVA irradiation**
J. Regensburger, T. Maisch, J. Baier, C. Pöllmann, W. Bäuml; Regensburg
- P186 Expression of MMP-1, Collagen-1, and 4 by keratinocytes upon low dose of UV-B illumination**
T. Maisch, P. Weiderer, G. Eissner, M. Landthaler, R. Szeimies; Regensburg
- P187 Infrared irradiation reduces UVB-induced apoptosis via reduction of DNA damage and regulation of apoptosis-related proteins**
C. Jantschitsch, S. Majewski, A. Maeda, C. Holtmeier, T. Schwarz, A. Schwarz; Kiel
- P188 (V14) Cyclosporin A but not everolimus inhibits DNA repair in human fibroblasts and lymphoblasts**
K. Thoms, C. Kuschal, T. Mori, N. Kobayashi, P. Laspe, L. Boeckmann, S. Emmert; Göttingen
- P189 Endothelins and alpha-MSH are significantly increased in plasma of patient treated with UV light irradiation**
M. B. Abdel-Naser, H. Seltmann, P. Seele, C. C. Zouboulis; Dessau
- P190 UV-A irradiation leads to Warburg associated decrease of respiration leading to increase of progression markers in melanoma.**
W. Schuller, B. Schitteck, F. Meier, C. Garbe, M. Röcken, M. Berneburg; Tübingen
- P191 (V30) ROS and UVA-1 lead to clustering and increased localisation of CSA and CSB in mitochondria of stressed cells.**
Y. Kamenisch, W. Schuller, J. Wenz, B. Fehrenbacher, M. Schaller, M. Röcken, M. Berneburg; Tübingen
- P192 PERSISTENT MOLECULAR CHANGES AFTER REPETITIVE IN SITU UV EXPOSURES OF HUMAN SKIN**
M. Brenner, S. G. Coelho, J. Z. Beer, S. A. Miller, V. J. Hearing; München

Tumorbiologie

- P193 (V01) Beta endorphin produced by melanoma promotes tumor growth and immuneescape**
B. Duthey, E. Deak, K. Hardt, D. Schadendorff, W. Boehncke; Frankfurt/Main
- P194 High loss of heterozygosity rates on chromosome 9p in cutaneous squamous cell carcinoma**
B. Mühleisen, I. Petrov, S. Frigerio, R. Dummer, G. Burg, L. French, G. Hofbauer; Zürich

- P195** **Human Papillomavirus (HPV) 26 and HPV 88 replicate to extremely high levels in squamous cell carcinomas (SCC) of the nail unit in an HIV-immunosuppressed patient**
A. Handisurya, J. Kullander, O. Forslund, A. Rieger, A. Geusau, G. Stingl, J. Dillner, R. Kirnbauer; Wien
- P196** **Lack of T cell receptor-stimulated CD95 ligand up-regulation protects cutaneous T cell lymphoma cells from Activation-induced Cell Death (AICD)**
C. D. Klemke, D. Brenner, M. Schmidt, M. Leverkus, P. H. Krammer; Heidelberg
- P197** **Tumour depth influences vertical and horizontal expression of Cx26 in epidermis adjacent to malignant melanoma**
D. Ripperger, E. Wladykowski, N. K. Haass, F. Fischer, I. Moll, J. M. Brandner; Hamburg
- P198** **14-3-3 sigma, a novel tumor suppressor for malignant melanoma?**
J. Schultz, K. Pyra, P. Lorenz, G. Gross, M. Kunz; Rostock
- P199** **Regulatory T cell frequencies in patients with different melanoma stages and their correlation with T helper cell reactivity against recall antigens**
A. Correll, A. Tuettenberg, C. Becker, F. J. Schneider, H. Jonuleit; Mainz
- P200 (V06)** **Gene patterns at the invasive front of melanoma metastases**
J. Schultz, D. Pilch, U. Tieman, D. Koczan, G. Gross, M. Kunz; Rostock
- P201** **Functions of ADAM10 in human melanoma cells**
U. Anderegg, T. Eichenberg, T. Parthaune, C. Haiduk, A. Saalbach, L. Milkova, A. Ludwig, J. Grosche, J. C. Simon; Leipzig
- P202 (V08)** **B16 melanoma infiltrating Treg are resistant to antibody depletion and help creating a microenvironment that prevents T cells from tumour infiltration**
S. Schallenberg, E. Suri-Payer, K. Mahnke, S. Ring, T. Bedke, A. Enk; Heidelberg
- P203** **The Inhibitor-of-apoptosis (IAP) protein family member XIAP is an important downstream regulator of death receptor-mediated apoptosis**
P. Geserick, M. Hupe, H. Gollnick, H. Walczak, M. Leverkus; Magdeburg
- P204** **Papular exanthema discloses AML: interphase FISH revealed deletion of p53 and gain at 8q22 / 8q24 / Tel8q without trisomy 8**
K. Kaune, M. Baumgart, E. Schmitke, D. Haase, P. Middel, B. Ghadimi, H. Bertsch, C. Neumann, S. Emmert; Göttingen
- P205** **The transcription factor c-Jun is regulated by loss of E-Cadherin during development and progression of malignant melanoma**
B. M. Spangler, S. Kuphal, L. Vardimon, A. Bosserhoff; Regensburg
- P206** **Immunostimulatory bcl2-specific 5'-triphosphate-siRNA: combining RIG-I activation and gene silencing activity for the therapy of melanoma**
H. Poeck, C. Maihoefer, R. Pesch, D. Tormo, M. Prinz, K. Wolter, H. Kato, S. Akira, V. Hornung, S. Endres, G. Hartmann, T. Tüting; Bonn
- P207 (V11)** **Construction of a new oncolytic adenoviral vector with doxycycline-inducible expression of CD95L: Efficient combination of selective oncolysis with apoptosis induction in melanoma cells**
L. F. Fecker, H. Fechner, M. Schmude, A. M. Hossini, I. Sipo, C. Schwarz, X. Wang, J. Eberle; Berlin
- P208** **Relevance of beta-Catenin signaling for melanoma cell proliferation and survival**
T. Sinnberg, B. Sauer, M. Menzel, C. Garbe, B. Schitteck; Tübingen

- P209 Treatment of established RMA-Tag tumors via DC directed targeting of tumor antigens is further improved by depletion of regulatory T cells.**
V. Storn, K. Mahnke, S. Schallenberg, T. S. Johnson, T. Bedke, N. Garbi, B. Arnold, G. J. Hämmerling, A. Enk; Heidelberg
- P210 Deposition of hyaluronic acid in malignant melanomas is controlled by tumor-stroma-interactions**
A. Willenberg, J. C. Simon, U. Anderegg; Leipzig
- P211 (V15) Skin tumor development induced by carcinogens is controlled by IL-10 and mast cells**
F. Siebenhaar, M. Maurer; Berlin
- P212 The cell-type specific S100/RAGE axis drives tumor development by sustaining in inflammation**
C. Gebhardt, A. Riehl, M. Durchdewald, J. Németh, G. Fürstenberger, K. Müller-Decker, A. Enk, B. Arnold, A. Bierhaus, P. Nawroth, J. Hess, P. Angel; Heidelberg
- P213 Identification and functional characterization of Polo-like kinase 1, a novel gene responsible for progression of cutaneous melanoma**
A. Moser, M. Pashenkov, A. Jalili, C. Wagner, G. Stingl, S. Ramaswamy, J. Brunet, T. R. Golub, S. Wagner; Wien
- P214 The farnesyl transferase inhibitor lonafarnib combined with the RAF inhibitor sorafenib potently inhibits growth and induces apoptosis of metastatic melanoma cells**
H. Niessner, T. Sinnberg, B. Schitteck, K. Lasithiotakis, E. Maczey, C. Garbe, F. Meier; Tübingen
- P215 Proteinase-activated receptors and melanoma cell invasiveness**
C. Kempkes, A. Rattenholl, J. Eberle, A. Haußer, M. Steinhoff; Münster
- P216 Role of erythropoietin receptor expression in malignant melanoma**
A. Mirmohammadsadegh, S. Nambiar, D. Delia, A. Gustrau, U. R. Hengge; Düsseldorf
- P217 Imiquimod and its analogues induce apoptosis in melanoma and breast cancer cell lines independent of MAP kinase signaling**
A. Alaoui, M. Hassan, F. Essmann, U. R. Hengge; Düsseldorf
- P218 Identification of a distinctive multi-gene signature in cutaneous melanoma using qRT-PCR-based microfluidic cards**
S. Nambiar, A. Mirmohammadsadegh, J. H. Hegemann, U. R. Hengge; Düsseldorf
- P219 Taxol-induced mitochondrial stress in melanoma cells is mediated by activation of c-Jun N-terminal kinase (JNK) and p38 pathways via uncoupling protein 2**
D. Selimovic, M. Hassan, Y. Haikel, U. R. Hengge; Düsseldorf
- P220 Sézary syndrome is a unique cutaneous T-cell lymphoma as identified by an expanded gene signature including diagnostic marker molecules CDO1 and DNM3**
N. Booken, A. Gratchev, J. Utikal, C. D. Klemke, S. Goerd; Mannheim
- P221 (V20) Novel therapeutic strategies significantly reduce lymph node and pulmonary metastases in a spontaneously metastasizing mouse melanoma xenograft model**
T. Valero, S. Steele, P. Petzelbauer, R. Loewe; Wien

- P222** **CD147 impacts angiogenesis and metastasis formation**
H. Voigt, C. S. Kauczok-Vetter, D. Schrama, U. B. Hofmann, J. C. Becker, R. Houben; Würzburg
- P223** **Proliferation arrest in B-Raf mutant melanoma cell lines upon MAPK pathway activation**
R. Houben, J. C. Becker; Würzburg
- P224** **The iron-containing nucleoside analogue N69 efficiently induces apoptosis in human melanoma cells by activating new pathways enclosing lysosomal activation**
J. C. Franke, A. Prokop, D. Schlawe, H. Schmalz, J. Eberle; Berlin
- P225** **Vitamin D status in melanoma patients**
B. Nürnberg, D. Schadendorf, B. Gärtner, C. Pföhler, W. Herrmann, W. Tilgen, J. Reichrath; Homburg
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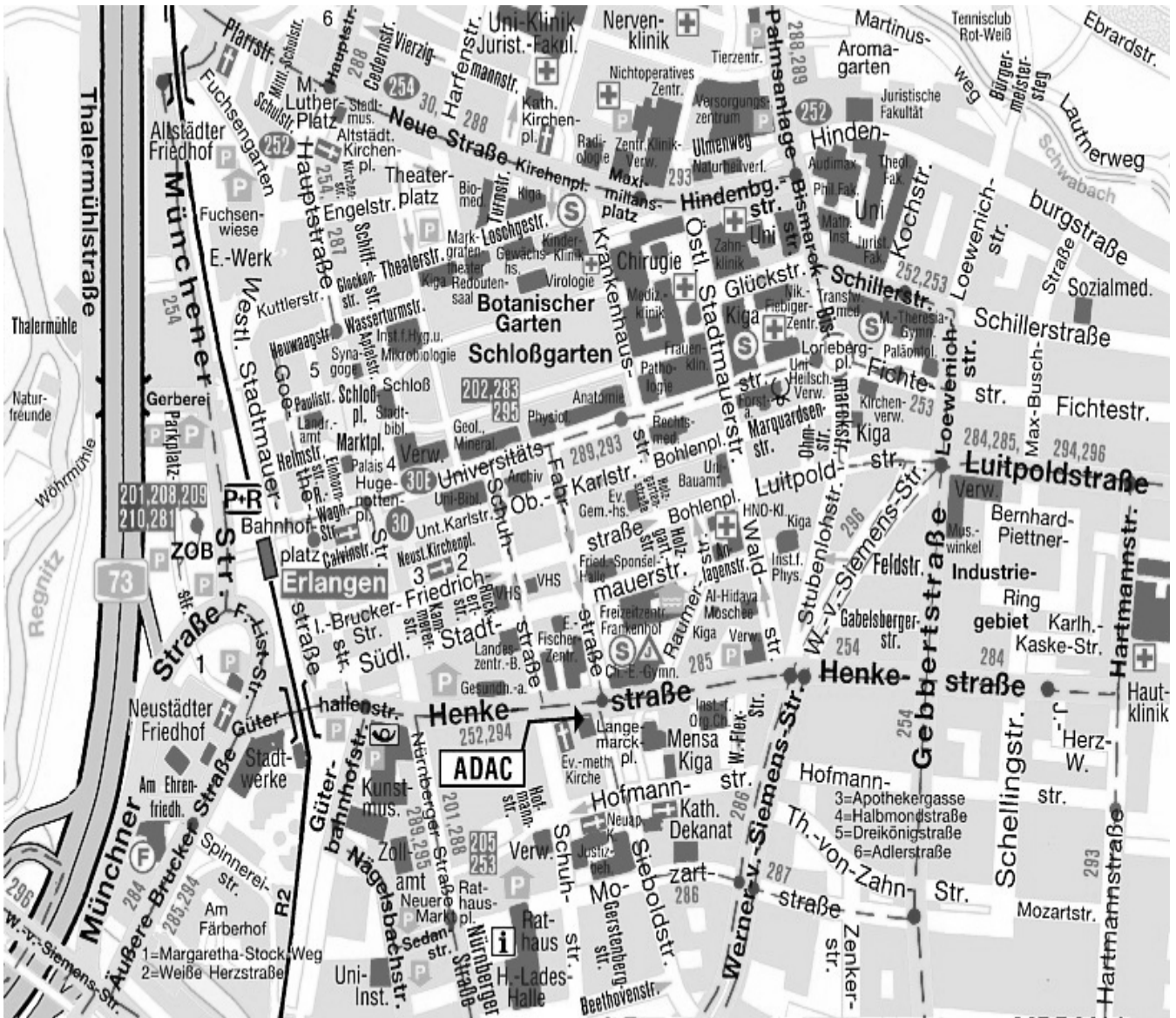
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