



**XXXVI. Jahrestagung
der
Arbeitsgemeinschaft
Dermatologische Forschung**

in Zusammenarbeit mit der
Deutschen Dermatologischen Gesellschaft

05. - 07. März 2009
Heidelberg

Stand 23.01.2009 (Änderungen vorbehalten)

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

Tagungsort

Neue Universität
Grabengasse 3-5
D - 69117 Heidelberg
www.uni-heidelberg.de

vor der Tagung

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

während der Tagung

Kongress-Telefon: 06221-54 22 22
Kongress-Telefax: 06221-54 36 26

Verkehrsanbindung

Mit Öffentlichem Nahverkehr vom Hauptbahnhof:

Mit dem Bus der Linie 32 in Richtung Universitätsplatz, mit dem Bus der Linie 34 bis zum Bismarckplatz und mit dem Bus der Linie 31 zum Universitätsplatz. Alternativ kann man die Busse der Linien BRN 735 und BRN 755 bis zum Kongresshaus nehmen und in rund sechs Minuten zu Fuß den Universitätsplatz erreichen.

Mit dem Auto:

Von der Autobahn kommend:

Kurz vor dem Autobahnende in Richtung Hauptbahnhof abfahren, am Hauptbahnhof vorbei Richtung Schloß halten und der Kurfürstenanlage über den Römerkreis bis zum Adenauerplatz folgen. Dann geradeaus durch den Gaisbergtunnel über die Friedrich-Ebert-Anlage (Richtung Schloß) fahren. Parkmöglichkeiten in der Altstadt sind in Parkhäusern gegeben.

Aus Richtung Neckargemünd kommend:

Am Karlstor nach links in den Schloßbergtunnel in Richtung Zentrum/Schloß abbiegen. Parkmöglichkeiten in der Altstadt sind in Parkhäusern gegeben.

(siehe auch Lageplan Seite 52 bzw. <http://www.uni-heidelberg.de/univ/besucher/altstadt.html>)

Tagungsorganisation

Lokale Organisatoren

Alexander Enk, Karsten Mahnke

Universitäts-Hautklinik Heidelberg
Voßstrasse 2, D – 69115 Heidelberg

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 **Heidelberg Marketing GmbH**
Ziegelhäuser Landstraße 3, 69120 Heidelberg
Tel. 06221 - 54 22 22
Fax 06221 - 54 36 26

E-Mail: info@heidelberg-marketing.de, www.heidelberg-marketing.de
Die Hotelliste mit Zimmerkontingenten zu Sonderpreisen für die ADF-Tagung finden Sie unter
www.adf-online.de.

Tagungsort

Neue Universität
Grabengasse 3-5
D - 69117 Heidelberg
www.uni-heidelberg.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, 05.03.2009 12:00-20:00 Uhr
Freitag, 06.03.2009 08:00-19:00 Uhr
Samstag, 07.03.2009 08:30-14:00 Uhr

Tagungsorganisation

Vorträge	Redezeit Diskussion	7 min. 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	<u>Wichtig:</u> <i>Alle Vorträge sind auch als Poster zu präsentieren</i> 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 18.12.2008):

Mittwoch, 4. März 2009:

AG Dermato-Endokrinologie:	09:00-18:00, Hörsaal HK, Voßstr. 3
AG Pruritusforschung	15:00-17:30, Lehrgebäude HK, Voßstr. 3

Donnerstag, 5. März 2009:

AG Kutane Lymphome	09:00-13:00, ehem. Senatssaal, NU, Grabengasse 1
AG Dermatologische Genetik:	09:30-13:00, HS 4a NU, Grabengasse 1
AG Experimentelle Dermatoonkologie:	09:30-12:30, Bibliothek HK, Voßstr. 3
AG Autoimmunbullöse Dermatosen:	10:00-13:00, Lehrgebäude HK, Voßstr. 3
AG Psoriasis:	10:00-12:00, HS 2 NU, Grabengasse 1
AG Epidemiologie	10:30-12:30, Konferenzraum HK, Voßstr. 3
AG Genomik und Proteomik:	11:00-13:00, Hörsaal HK, Voßstr. 3
AG Gentherapie/Gentechnologie	11:00-13:00, HS 4 NU, Grabengasse 1

Adressen:

Die Uni-Hautklinik (**HK**) befindet sich im Altklinikum Heidelberg in der Voßstraße 3. Der Weg zu den Räumen wird ausgeschildert.

Die Neue Universität (**NU**) befindet sich in der Innenstadt, Grabengasse 1, wo auch die ADF-Tagung stattfindet.

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, 06.03.2009, 12:00-15:00 Uhr steht Herr Wiesenthal von der DFG für Besprechungen zur Verfügung. Bitte tragen Sie Ihren Gesprächswunsch in die Liste bei der Registrierung ein.

Zur XXXVI. Tagung der Arbeitsgemeinschaft Dermatologische Forschung

Liebe Kolleginnen und Kollegen, liebe Freunde,

in diesem Jahr sind 309 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 Heidelberg die beiden Hauptpreise der ADF, den Egon-Macher-Preis und den Paul-Langerhans-Preis, sowie den Dermato-Onkologie- und den ADF/ECARF-Award for European Allergy Research 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/Wissenschaftlerin 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 2010 ausgezeichnet.

Das Thema unseres diesjährigen Workshops lautet „Cancer and Aging“ (Organisation: K. Mahnke, M. Berneburg).

Weitere Höhepunkte der Jahrestagung sind natürlich wieder die Günter-Goerz-Gedächtnisvorlesung (T. Luger, Münster) und der Gastvortrag von H. zur Hausen zum Thema „Krebsvorbeugung durch Impfung – Chancen und Möglichkeiten“.

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 Heidelberg!

Marcus Maurer
Vorsitzender

Jens Malte Baron
Schatzmeister

Martin Leverkus
Schriftführer

Der Vorstand der ADF bedankt sich herzlich bei den Gutachtern der Beiträge für die ADF 2009, den Mitgliedern der Posterkommissionen und allen Posterwalkern.

Experten für die Abstractbegutachtung

C. Berking, München	R. Ludwig, Lübeck
J. Brandner, Hamburg	V. Mahler, Erlangen
J. Eberle, Berlin	M. Metz, Berlin
S. Eichmüller, Heidelberg	A. Schneeberger, Wien
S. Emmert, Göttingen	C. Sitaru, Freiburg
E. Gaffal, Bonn	A. Tüttenberg, Mainz
K. Ghoreschi, Bethesda	M. Urosevic, Zürich
G. Herrmann, Köln	C. Veldmann, Marburg
G. Hofbauer, Zürich	T. Vogt, Regensburg
A. Jacobi, Marburg	J. Wenzel, Bonn
R. Loewe, Wien	T. Wiederholt, Aachen †
K. Loser, Münster	J. Wohlrab, Halle/Saale

Posterkommission 1 (gerade Nummern)

T. Jakob (Freiburg)
J. M. Baron, Aachen
A. K. Bosserhoff, Regensburg
R. Eming, Marburg
K.-D. Klemke, Mannheim

Posterkommission 2 (ungerade Nummern)

S. W. Schneider, Mannheim
W.-H. Boehncke, Frankfurt/M.
A. Elbe-Bürger, Wien
K. Mahnke, Heidelberg
K. Schäkel, Dresden

Posterwalks

Während der Postersessions finden Posterwalks zu folgenden Themen statt:

Allergologie (C. Traidl-Hoffmann)	Klinische Forschung (S. Emmert)
Dendritische Zellen (E. Kämpgen)	Photobiologie (M. Berneburg)
Genetik (L. Bruckner-Tuderman)	Onkologie (E.-B. Bröcker)
Immunregulation (T. Schwarz)	Zellbiologie (J. Brandner)
Dermato-Endokrinologie (T. Fischer)	Psoriasis (M. Sticherling)
Hautanhangsgebilde (M. Böhm)	

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

Donnerstag, 05. März 2009

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

13:30-13:40 Begrüssung
M. Maurer, A. Enk

13:40-14:40 Vorträge I
Vorsitz: A. Enk, E. Peters

- V01 13:40 Epicutaneous priming induces IL-17-producing CD4+ Th cells**
I. Glocova, A. Yazdi, J. Brück, M. Röcken, K. Ghoreschi; Tübingen
- V02 13:50 Survival of cutaneous T cell lymphoma is dependent on regulation of Ferritin heavy chain by constitutively activated NF-B**
M. Kiessling, C. Klemke, M. Kaminski, I. Galani, P. Krammer, K. Gülow; Heidelberg, Mannheim
- V03 14:00 Induction of regulatory T cells during wasp venom immunotherapy**
A. Kerstan, C. Albert, E. Bröcker, A. Trautmann; Würzburg
- V04 14:10 Modulation of MAP kinase signaling pathways in CD133-positive melanoma cells overcomes their resistance to apoptosis**
M. Hassan, O. Feyen, A. Mirmohammadsadegh, E. Gulbins, U. Hengge; Düsseldorf, Essen
- V05 14:20 Oxidatively induced mitochondrial CSA and CSB are associated to complexes binding to oxidative DNA damage: implications for participation of CSA and CSB in mitochondrial DNA repair.**
Y. Kamenisch, J. Knoch, B. Fehrenbacher, M. Schaller, M. Röcken, M. Berneburg; Tübingen
- V06 14:30 A new role for Substance P: induction of regulatory T-cells during stress-adaptation**
E. Peters, C. Liezmann, M. Danilchenko, S. Blois, S. Pavlovic, B. Klapp; Berlin

14:40-15:00 Verleihung der ADF-Preise I

Egon-Macher-Preis*, M. Röcken

3. ADF-/DDG-Forschungsstipendium

T. A. Luger, M. Maurer
(Kurzvorträge der Preisträger)

**Die ADF dankt der Stiefel Laboratorium GmbH für die Unterstützung.*

15:00-15:20 Quo vadis VORTRAG I
P. Friedl:
Imaging vs. Imagination
Einführung: M. Leverkus

Donnerstag, 05. März 2009

15:20-15:50 ***Kaffeepause***

Mit freundlicher Unterstützung der Galderma Laboratorium GmbH.

15:50-18:00 **WORKSHOP**

Cancer and Aging

**Organisation/
Moderation:**

K. Mahnke, M. Berneburg

16:00-16:30

Hartmut Geiger, Ulm

The role of stem cells in Cancer, aging and aging-related diseases

16:40-17:10

Nils-Göran Larsson, Köln

Mitochondrial dysfunction in degenerative disease and ageing

17:20-17:50

Alexander Bürkle, Konstanz

DNA repair and PARP in Cancer and Aging

Mit freundlicher Unterstützung der Spirig Pharma GmbH.

18:00-22:00 **POSTERSESSION UND WELCOME-RECEPTION**

bei Snacks und Getränken

Mit freundlicher Unterstützung von Biotest AG.

Freitag, 06. März 2009

08:30-09:30 Vorträge II
Vorsitz: N. Romani, D. Schadendorf

- V07 08:30 IFN- γ impairs the NKG2D-mediated killing of melanoma cells by Natural Killer cells**
 D. Vokhminova, N. Schwinn, A. Sucker, I. Moll, S. Striegel, S. Wiedekind, A. Cerwenka, A. Steinle, D. Schadendorf, A. Paschen; Mannheim, Heidelberg, Tübingen
- V08 08:40 New insights into skin evolution: positive selection of the S100-fused-type-protein (SFTP) gene family**
 Z. Wu, T. Latendorf, K. Hinrichsen, J. Schröder; Kiel
- V09 08:50 *In vivo* investigation of hypoxia-induced angiogenesis in experimental autoimmune disease using [18F]FAZA and positron emission tomography (PET)**
 K. Fuchs, B. Pichler, S. Wiehr, M. Judenhofer, D. Bukala, H. Wehrl, G. Reischl, M. Röcken, M. Kneilling; Tübingen
- V10 09:00 Antigen specific induction of the Th1 cytokine OPN is an important mechanism in the chronification of allergic contact dermatitis that may serve as a therapeutic target**
 A. Seier, A. Renkl, G. Schulz, T. Uebele, A. Sindrilaru, L. Liaw, S. Kon, T. Uede, J. Weiss; Ulm, Sapporo, Scarborough
- V11 09:10 Anti-inflammatory action of UVA-1 oxidation is mediated by Nrf2.**
 F. Gruber, P. Sharma, S. Rudraiah, B. Lengauer, V. Mlitz, S. Blüml, A. Kadl, T. Kensler, E. Tschachler, N. Leitinger; Charlottesville, VA, Wien, Baltimore, Neuilly sur Seine
- V12 09:20 Angiotensin AT2 receptor stimulation or AT1 receptor blockade act anti-inflammatory and anti-fibrotic in a mouse model of scleroderma**
 F. Santi, K. Ströder, F. Rompe, A. Wieland, M. Artuc, C. Thöne-Reineke, T. Unger, U. Steckelings; Berlin

09:30-10:30 Posterwalks und P A U S E

Wir danken der Galderma Laboratorium GmbH für die freundliche Unterstützung.

Allergologie:	C. Traidl-Hoffmann
Dendritische Zellen:	E. Kämpgen
Genetik:	L. Bruckner-Tuderman
Immunregulation:	T. Schwarz
Klinische Forschung:	S. Emmert
Photobiologie:	M. Berneburg
Onkologie:	E.-B. Bröcker
Zellbiologie:	J. Brandner
Hautanhangsgebilde	M. Böhm
Psoriasis	M. Sticherling
Dermato-Endokrinologie	T. W. Fischer

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

Freitag, 06. März 2009

10:30-11:10 GÜNTER GOERZ GEDÄCHTNISVORLESUNG

T. A. Luger, Münster

***Haut und Nervensystem –
Vision eines Wechselspiels***

Einführung: K. Steinbrink

11:10-12:10 Vorträge III

Vorsitz: L. French, V. Mahler

- V13 11:10 Knock-down of (pro)-filaggrin in an organotypic skin model reproduces some of the features observed in atopic dermatitis and Ichthiosis vulgaris.**
J. Jin, L. Eckhart, V. Mlitz, C. Ballaun, D. Födinger, E. Tschachler, M. Mildner; Wien, Neuilly
- V14 11:20 Eradication of primary melanomas by combinatorial chemo-immunotherapy**
J. Kohlmeyer, J. Landsberg, E. Gaffal, M. Cron, M. Renn, T. Tüting; Bonn
- V15 11:30 KdPT, a tripeptide derivate of alpha MSH, suppresses IL-1-induced cytokine expression, signaling and oxidative stress via a non-melanocortin-1 receptor-mediated mechanism**
A. Mastrofrancesco, A. Kokot, E. Strozyk, A. Eberle, C. von Eiff, C. Zouboulis, M. Picardo, T. Luger, M. Böhm; Münster, Rome, Basel, Dessau
- V16 11:40 Inhibition of platelet gpIb(alpha) and promotion of melanoma metastasis**
L. Erpenbeck, B. Nieswandt, M. Schön, M. Pozgajova, M. Schön; Würzburg, Göttingen
- V17 11:50 Wound healing defect of Vav3^{-/-} mice due to impaired 2-integrin dependent macrophage phagocytosis of apoptotic neutrophils**
A. Sindrilaru, T. Peters, T. Oreshkova, H. Wang, M. Wlaschek, C. Sunderkötter, B. Walzog, X. Bustelo, K. Fischer, K. Scharffetter-Kochanek; Ulm, Münster, München, Salamanca
- V18 12:00 IL-12/IL-23p40 small interfering RNA (siRNA) establish protective immunity against autoimmune disease in vivo**
J. Brück, C. Weigert, S. Pascolo, I. Glocova, K. Fuchs, W. Hötzenecker, B. Pichler, M. Ghashghaeinia, K. Ghoreschi, M. Röcken; Tübingen, Zürich

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 Biotest GmbH.

Freitag, 06. März 2009

14:10-15:10 Vorträge IV
Vorsitz: S. Grabbe, K. Loser

- V19 14:10 Regulatory T cells expanded in skin-draining lymph nodes via RANK-RANKL-activated Langerhans cells suppress cutaneous inflammation and colitis**
V. Kupas, A. Lügering, T. Sparwasser, T. Luger, S. Beissert, K. Loser; Münster, Hannover
- V20 14:20 Genome-wide RNAi loss-of-function screen identifies key signalling pathways for melanoma progression**
J. Schultz, D. Koczan, G. Gross, P. Langer, M. Kunz; Rostock
- V21 14:30 Production of adenosine by regulatory T cells through the ectonucleotidase CD39 blocks adherence of effector T cell to vascular endothelium and thus abrogates contact hypersensitivity reactions.**
S. Ring, S. Oliver, B. Cronstein, A. Enk, K. Mahnke; Heidelberg, New York
- V22 14:40 Methylthioadenosine phosphorylase is a predictive marker for response to adjuvant Interferon therapy in patients with malignant melanoma**
S. Meyer, P. Wild, T. Vogt, F. Bataille, C. Ehret, M. Landthaler, F. Hofstädter, A. Bosserhoff; Regensburg, Zürich
- V23 14:50 IL-10-treated (tolerogenic) allergen-pulsed dendritic cells induce production of CCL18 in human CD4+ T cells from allergic donors which enhances the recruitment of regulatory T cells**
I. Bellinghausen, U. Luxemburger, Ö. Türeci, S. Grabbe, J. Saloga; Mainz
- V24 15:00 Conditional collagen VII inactivation reveals high anchoring fibril stability in vivo: implications for molecular therapies**
A. Fritsch, J. Kern, S. Loeckermann, D. Velati, R. Fässler, L. Bruckner-Tuderman; Freiburg, Martinsried

15:10-15:30 Quo vadis VORTRAG II
E. von Stebut-Borschitz: *Th3, Th2, Th1, meins!*
Einführung: K. Steinbrink

15:30-16:00 Verleihung der ADF-Preise II

Paul-Langerhans-Preis*

T. A. Luger
(Kurzvortrag des Preisträgers)

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

16:00-16:30 Kaffeepause

Mit freundlicher Unterstützung von Galderma Laboratorium GmbH.

Freitag, 06. März 2009

16:30-17:30 Gastvortrag
H. zur Hausen: ***Krebsvorbeugung durch Impfung – Chancen und Möglichkeiten***
Einführung/Diskussion: M. Maurer

17:30-18:00 Verleihung der ADF-Preise III*

Dermato-Onkologie-Preis der ADF

D. Schadendorf

ADF/ECARF-Award for European Allergy Research

M. Maurer

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

18:00-19:30 Mitgliederversammlung
(Tagesordnung siehe ADF-Homepage, www.adf-online.de)

19:30-open end Gesellschaftsabend
Palais Prinz Carl, Kornmarkt 1, 69117 Heidelberg

Essen, Trinken und Tanzen
Mit freundlicher Unterstützung von
Abbott GmbH & Co. KG.

Samstag, 07. März 2009

09:00-10:00

Vorträge V

Vorsitz: T. Biedermann, S. Eichmüller

- V25 09:00 **Activation of the aryl hydrocarbon (Ahr) receptor via resveratrol prevents UV-induced immunosuppression****
W. Schuller, T. Schwarz, A. Schwarz; Kiel
- V26 09:10 **Generation of myeloid derived suppressor cells and regulatory T cells during the progression of murine RET melanoma****
T. Fujimura, K. Mahnke, S. Ring, T. Johnson, V. Storn, S. Shallenberg, T. Bedke, S. Aiba, A. Enk; Heidelberg, Sendai
- V27 09:20 **Susceptibility to experimental epidermolysis bullosa acquisita (EBA) is correlated with the expression of Th1 cytokines****
K. Bieber, C. Hammers, R. Ludwig, D. Zillikens, J. Westermann; Lübeck
- V28 09:30 **Alteration of tight junction proteins is an early event in psoriasis and might involve Interleukin-1beta****
N. Kirschner, C. Pötzl, P. von den Driesch, E. Wladykowski, M. Behne, J. Brandner; Hamburg, Bad Cannstatt, Stuttgart
- V29 09:40 **Sildenafil treatment prolongs survival and reduces immune suppression in melanoma bearing mice****
C. Meyer, M. Baniyash, D. Schadendorf, V. Umansky; Heidelberg, Jerusalem
- V30 09:50 **A humanized mouse model to study human regulatory T cells *in vivo*****
C. Becker, J. Kubach, C. Taube, C. Becker, K. Reifenberg, H. Jonuleit; Mainz

10:00-10:20

Quo vadis-Vortrag III

K. Asadullah: ***Vom ADF-Abstract zum Arzneimittel: Wie geht das?***

Einführung: M. Maurer

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 Biotest GmbH.

Samstag, 07. März 2009

11:50-12:50 Vorträge VI
Vorsitz: T. Krieg, T. Tüting

- V31 11:50 Interleukin 17 in atopic eczema: linking allergen-specific adaptive and microbial-triggered innate immune response**
 K. Eyerich, D. Pennino, C. Scarponi, S. Foerster, F. Nasorri, H. Behrendt, J. Ring, C. Traidl-Hoffmann, C. Albanesi, A. Cavani; Rome, München
- V32 12:00 Anti-phospholipid antibodies opsonise L. major parasites to promote dendritic cell (DC) phagocytosis and induction of protective immunity**
 S. Lopez Kostka, J. Hurst, F. Demircik, P. von Landenberg, M. Udey, A. Waisman, E. von Stebut; Mainz, Bethesda
- V33 12:10 SlanDCs (6-sulfoLacNAc⁺ dendritic cells), a novel proinflammatory cell type in systemic lupus erythematoses**
 K. Schäkel, A. Hänsel, C. Günther, W. Baran, E. Rieber, M. Meurer; Dresden
- V34 12:20 Epigen, a ligand of the epidermal growth factor receptor, regulates sebaceous gland activity**
 M. Dahlhoff, N. Epp, E. Wolf, S. Werner, M. Schneider; München, Zürich
- V35 12:30 Cancer-retina antigens cGMP-phosphodiesterase 6 and transducin control cGMP metabolism and Ca²⁺ homeostasis in melanoma cells**
 V. Tambor, B. Dikov, P. Philippov, D. Schadendorf, S. Eichmüller, A. Bazhin; Mannheim, Heidelberg, Moskau
- V36 12:40 IL-17A induces cathelicidin antimicrobial peptide in keratinocytes through a vitamin D dependent mechanism**
 M. Peric, S. Koglin, S. Kim, S. Morizane, R. Besch, J. Prinz, T. Ruzicka, R. Gallo, J. Schaubert; München, San Diego

12:50-13:20 POSTERPREISE UND REISESTIPENDIEN*

Verleihung: T. Jakob, S. Schneider

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

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

POSTERSESSIONS

alle Posternummern:	Donnerstag, 05.03.09	18:00-22:00 Uhr
gerade Posternummern	Freitag, 06.03.09	12:10-13:10 Uhr
	Samstag, 07.03.09	10:20-11:05 Uhr
ungerade Posternummern:	Freitag, 06.03.09	13:10-14:10 Uhr
	Samstag, 07.03.09	11:05-11:50 Uhr

Allergologie

- P001** **Age and sex dependence of tryptase according to a retrospective survey on 1092 tryptase values from non-mastocytosis patients**
F. Seyfarth, S. Schliemann, U. Hipler, P. Elsner; Jena
- P002** **Bcl-3 is overexpressed in atopic dermatitis and acts as a transcriptional modulator of innate immune responses in human keratinocytes**
A. Büchau, D. MacLeod, S. Morizane, P. Kotol, T. Hata, R. Gallo; München, San Diego
- P003** **Differences in allergen uptake by human epithelial cells of the respiratory tract and the skin**
C. Blume, A. Petersen, W. Becker, J. Ring, H. Behrendt, C. Traidl-Hoffmann; München, Borstel
- P004** **Hapten-specific CD4+CD25+ regulatory T cells are critical for low zone tolerance to contact allergens and induction of CD8+ suppressor T cells**
U. Frankenberg, N. Lorenz, S. Grabbe, K. Steinbrink; Mainz
- P005** **Concentration of the major birch pollen allergen BET V 1 in different fractions of ambient air deviates from pollen counts in Munich, Germany**
J. Buters, I. Weichenmeier, S. Ochs, W. Kreyling, W. Schober, H. Behrendt; München, Neuherberg
- P006** **Birch pollen allergics with pollen associated oral allergy syndrome to hazelnut and carrot show cross reactive T cell responses**
H. Adler, C. Hofmann, C. Becker, S. Scheurer, S. Vieths, K. Steinbrink; Mainz, Langen
- P007** **The wheal- size of skin prick tests does not correlate with specific IgE levels in patients with type-I allergy**
K. Moritz, E. Pernicka, M. Prinz, G. Stingl, S. Wöhrl; Vienna
- P008** **Analysis of differential gene expression in dendritic cells activated by potent skin sensitizers**
T. Wiederholt †, H. Ott, C. Skazik, H. Merk, A. Karlberg, G. Zwadlo-Klarwasser, J. Baron; Aachen, Göteborg
- P009** **Mast cells can modulate the phenotype of Tregs by lowering their numbers and CD25 expression**
S. Mrabet-Dahbi, M. Maurer; Berlin
- P010** **Interleukin-1-beta derived from human primary keratinocytes is an important factor for induction of Interferon-gamma production by autologous T-cells**
J. Renne, V. Schäfer, T. Werfel, M. Wittmann; Hannover
- P011** **Nickel (Ni) exposed PBMC of Ni allergic individuals but not of healthy controls lead to cytokine production in human fibroblasts**
B. Summer, Ö. Gündüz, C. Berking, P. Thomas; München

- P012 (V02) Induction of regulatory T cells during wasp venom immunotherapy**
A. Kerstan, C. Albert, E. Bröcker, A. Trautmann; Würzburg
- P013 Impact of specific immunotherapy and environmental birch pollen exposure on Bet v 1-specific humoral and cellular profiles in birch pollen allergics and healthy individuals**
C. Möbs, C. Slotosch, H. Löffler, M. Hertl, W. Pfützner; Marburg, Heilbronn
- P014 (V01) Epicutaneous priming induces IL-17-producing CD4+ Th cells**
I. Glocova, A. Yazdi, J. Brück, M. Röcken, K. Ghoreschi; Tübingen

Angiologie

- P015 Patients with primary lymphedema show polymorphisms in the podoplanin gene, but no pathogenic mutations**
T. Ertl, S. Kiechle, C. Has, E. Földi, J. Kohlhase, L. Bruckner-Tuderman, V. Schacht; Freiburg, Hinterzarten

Dermato-Endokrinologie

- P016 Influence of age-associated hormone decline on human dermal fibroblasts**
E. Makrantonaki, J. Adjaye, T. Brink, B. Hermes, K. Vogel, S. Fimmel, D. Groth, C. Hultschig, H. Lehrach, C. Zouboulis; Dessau, Berlin
- P017 Sebaceous gland receptors**
C. Zouboulis; Dessau, Berlin
- P018 Human skin stem cells and the ageing process**
C. Zouboulis, J. Adjaye, H. Akamatsu, G. Moe-Behrens, C. Niemann; Dessau, Berlin, Aichi, Köln
- P019 Prolactin has regulatory effects on keratins K6 and K19 expression in the human hair follicle**
Y. Ramot, K. Foitzik, S. Tiede, V. Goffin, A. Zlotogorski, L. Langbein, R. Paus; Lübeck, Jerusalem, Hamburg, Paris, Heidelberg, Manchester
- P020 Tropisetron modulates TGF β -induced collagen synthesis in human dermal fibroblasts possibly via a 5-HT $_3$ receptor-independent mechanism**
A. Kokot, B. Ringelkamp, B. Fiebich, T. Luger, M. Böhm; Münster, Freiburg
- P021 (V15) KdPT, a tripeptide derivate of alpha MSH, suppresses IL-1-induced cytokine expression, signaling and oxidative stress via a non-melanocortin-1 receptor-mediated mechanism**
A. Mastrofrancesco, A. Kokot, E. Strozyk, A. Eberle, C. von Eiff, C. Zouboulis, M. Picardo, T. Luger, M. Böhm; Münster, Rom, Basel, Dessau
- P022 Modulation of anti-oxidative enzymes and oxidative stress in human dermal fibroblasts – a novel cytoprotective facet of the neuropeptide alpha-MSH**
M. Böhm, A. Kokot, A. Mastrofrancesco, M. Picardo, E. Healy, T. Luger; Münster, Rom, Southampton

- P023 (V12) Angiotensin AT2 receptor stimulation or AT1 receptor blockade act anti-inflammatory and anti-fibrotic in a mouse model of scleroderma**
F. Santi, K. Ströder, F. Rompe, A. Wieland, M. Artuc, C. Thöne-Reineke, T. Unger, U. Steckelings; Berlin
- P024 Glycyl-Histidyl-Lysine suppresses neutral lipid synthesis in SZ95 sebocytes**
S. Schagen, R. Voegeli, D. Imfeld, T. Schreier, C. Zouboulis; Freiburg, Basel, Dessau, Berlin
- P025 Parts of the Bothrops Moojeni snake venom activated lipid synthesis and PPAR α,β,γ in transiently transfected SZ95 sebocytes**
S. Schagen, A. Perchuc, R. Voegeli, D. Imfeld, T. Schreier, L. Michalik, W. Wahli, C. Zouboulis; Freiburg, Basel, Lausanne, Dessau, Berlin
- P026 Human organ-cultured hair follicles from men with androgenetic alopecia express a CRH-mediated stress response that is modified by caffeine**
T. Fischer, A. Bergmann, H. Erdmann, N. Piskozub, A. Klenk, R. Paus; Lübeck, Bielefeld
- P027 Ligand-induced modulation of peroxisome proliferator-activated receptor (PPAR)- and vitamin D receptor (VDR)- signaling pathways in melanoma cell lines in vitro**
P. Sertznig, M. Seifert, W. Tilgen, J. Reichrath; Homburg
- P028 Modulation of the NOTCH - signaling pathway by 1,25-dihydroxyvitamin D3 in cultured human keratinocytes and sebocytes in vitro**
S. Reichrath, N. Denzer, C. Müller, M. Pfreundschuh, B. Gleissner, W. Tilgen, J. Reichrath; Homburg
- P029 Analysis of the NOTCH - signaling pathway in malignant melanoma**
C. Müller, S. Reichrath, N. Denzer, W. Tilgen, J. Reichrath; Homburg
- P030 Thyrotropin releasing hormone (TRH) and Thyroid stimulating hormone (TSH) regulate the expression of keratins K5 or K6 in human hair follicle and epidermis**
Y. Ramot, E. Gáspár, E. Bodó, B. Khany, C. Hardenbicker, A. Zlotogorski, R. Paus; Lübeck, Jerusalem, Manchester
- P031 (V06) A new role for Substance P: induction of regulatory T-cells during stress-adaptation**
E. Peters, C. Liezmann, M. Daniltchenko, S. Blois, S. Pavlovic, B. Klapp; Berlin
- P032 Do neurotrophins cooperate with cytokines in epithelial and melanocyte growth control?**
K. Spatz, C. Liezmann, M. Daniltchenko, B. Klapp, E. Peters; Berlin
- P033 Is Substance P involved in stress-induced premature graying?**
K. Spatz, P. Arck, B. Klapp, E. Peters; Berlin, Hamilton, Ontario
- P034 Stress sensitive differentiation in expression of nerve fibers and antigen presenting cell and Substance P sensitive alteration of dendritic cell subpopulations in spleen**
C. Liezmann, S. Pavlovic, B. Klapp, E. Peters; Berlin
- P035 Alpha-MSH: A protective endogenous hormone in chemotherapy-induced hair follicle damage?**
E. Bodó, M. Böhm, R. Paus; Lübeck, Münster, Manchester
- P036 Functional regulation of primary keratinocytes by somatostatin**
M. Vockel, U. Breitenbach, H. Kreienkamp, J. Brandner; Hamburg

- P037** **The cAMP pathway in fibroblasts is a potent but differential and promoter-specific regulator of various TGF- β mediated effects involved in ECM homeostasis**
M. Schiller, A. Mauviel, U. Anderegg, A. Kokot, J. Simon, T. Luger, M. Böhm; Münster, Paris, Leipzig

Dermatopathologie

- P038** **Atypical manifestations of tinea corporis – importance of histology**
F. Seyfarth, M. Ziemer, U. Hipler, P. Elsner; Jena
- P039 (V31)** **Interleukin 17 in atopic eczema: linking allergen-specific adaptive and microbial-triggered innate immune response**
K. Eyerich, D. Pennino, C. Scarponi, S. Foerster, F. Nasorri, H. Behrendt, J. Ring, C. Traidl-Hoffmann, C. Albanesi, A. Cavani; Rom, München
- P040** **Role of Protease-activated Receptors in bleomycin-induced skin fibrosis**
F. Cevikbas, S. Seeliger, M. Fastrich, M. Steinhoff; Münster, Göttingen
- P041** **Kindlins: novel proteins involved in epidermal adhesion and skin aging**
Y. He, B. Maertens, L. Bruckner-Tuderman, C. Has; Freiburg
- P042** **T cells in psoriasis lesions lack ICOS expression**
M. Knosalla, K. Zachmann, M. Schön, C. Neumann, U. Lippert; Göttingen, Dessau-Roßlau
- P043** **Activated innate immune response pathways in cutaneous lupus erythematosus**
J. Wenzel, S. Zahn, C. Rehkämper, T. Bieber, T. Tüting; Bonn
- P044** **Novel genes associated with malignant melanoma**
A. Mauerer, A. Roesch, C. Hafner, T. Stempf, C. Moehle, C. Lottaz, P. Wild, S. Meyer, M. Landthaler, T. Vogt; Regensburg
- P045** **Restricted ige recognition of bullous pemphigoid (BP) 180 and BP 230 in patients with BP and elderly individuals with pruritic dermatoses**
L. Fania, E. Podstawa, O. Brandt, G. Caldarola, C. Feliciani, M. Hertl; Marburg, Roma
- P046** **Therapeutic B cell depletion induces strong elevation of BAFF and mediates opposed effects on autoreactive and pathogen-specific serum IgG in pemphigus vulgaris**
A. Nagel, E. Podstawa, M. Eickmann, H. Müller, M. Hertl, R. Eming; Marburg

Genetik

- P047** **Genetic Modifiers Other Than Filaggrin Mutations In X-linked Ichthyosis**
R. Gruber, A. Janecke, C. Fauth, A. Sandilands, D. Grabher, M. Schmuth; Innsbruck, Dundee
- P048 (V24)** **Conditional collagen VII inactivation reveals high anchoring fibril stability in vivo: implications for molecular therapies**
A. Fritsch, J. Kern, S. Loeckermann, D. Velati, R. Fässler, L. Bruckner-Tuderman; Freiburg, Martinsried

- P049 Treating immune diseases with gene reprogramming**
R. Jungreithmair, P. Schlager, L. Mitchell, H. Hintner, J. Bauer; Salzburg, Bethesda
- P050 Gene therapy for autosomal dominant diseases**
V. Wally, U. Koller, E. Murauer, E. Mayr, A. Klausegger, H. Hintner, J. Bauer; Salzburg
- P051 3' Trans-splicing as a tool for gene therapy in dystrophic epidermolysis bullosa**
E. Murauer, Y. Gache, A. Klausegger, V. Wally, U. Koller, E. Mayr, G. Meneguzzi, J. Bauer; Salzburg, Nizza
- P052 Using RNA Trans-splicing to correct mutations in the plectin gene**
U. Koller, V. Wally, L. Mitchell, A. Klausegger, E. Murauer, E. Mayr, H. Hintner, J. Bauer; Salzburg, Bethesda
- P053 Novel and recurrent COL17A1 mutations and genotype-phenotype correlations in a large European cohort of junctional epidermolysis bullosa**
D. Kiritsi, J. Kern, H. Schumann, C. Has, L. Bruckner-Tuderman; Freiburg
- P054 Identification of an oncostatin M receptor mutation linked with familial primary cutaneous amyloidosis**
P. Babilas, C. Aslanidis, M. Landthaler, T. Vogt; Regensburg
- P055 Fibroblast therapy enhances dermal-epidermal stability in dystrophic epidermolysis bullosa: long term effects and molecular mechanisms**
J. Kern, S. Loeckermann, A. Fritsch, C. Ehret, M. Müller, L. Bruckner-Tuderman; Freiburg
- P056 A frequent functional SNP in the MMP1 promoter as a disease modifier in a large European cohort of dystrophic epidermolysis bullosa**
J. Kern, R. Imzak, M. Müller, G. Grüniger, H. Schumann, L. Bruckner-Tuderman, C. Has; Freiburg
- P057 Distal and proximal Interleukin-10 promoter polymorphisms associated with risk of cutaneous melanoma development: A case-control study.**
N. Schoof, F. von Bonin, I. König, R. Mößner, U. Krüger, K. Reich, A. Ziegler, L. Böckmann, C. Kuschal, K. Thoms, D. Kube, S. Emmert; Göttingen, Lübeck
- P058 Novel Filaggrin mutations in German Ichthyosis vulgaris patients and high presence of CD1a+ cells in the epidermis of the atopic subgroup**
V. Oji, N. Seller, A. Sandilands, R. Gruber, I. Hausser, D. Metze, T. Walker, K. Aufenvenne, K. Loser, I. McLean, H. Traupe; Münster, Dundee, Innsbruck, Heidelberg
- P059 Recessive epidermolytic hyperkeratosis caused by a novel termination codon mutation in the keratin 10 gene**
G. Grimberg, P. Terheyden, I. Haußer, B. Korge, T. Krieg, M. Arin; Köln, Lübeck, Heidelberg
- P060 5' trans-splicing in the Type VII Collagen Gene – Development of a mRNA based Gene Therapy Approach for Dystrophic Epidermolysis bullosa**
E. Mayr, U. Koller, E. Murauer, V. Wally, A. Klausegger, H. Hintner, J. Bauer; Salzburg
- P061 Suicide Gene Therapy for RDEB SCC**
C. Gruber, I. Gratz, E. Murauer, L. Bruckner-Tuderman, H. Hintner, J. Bauer; Salzburg, Freiburg

- P062** **Analysis of four filaggrin loss-of-function mutations (R501X, 2282del4, R2447X and S3247X) in Austrian and German atopic dermatitis patients**
E. Greisenegger, A. Zimprich, L. Maintz, T. Bieber, N. Novak, G. Stingl, T. Kopp; Wien, Bonn
- P063** **Characterization of Psoriasis susceptibility locus 6 (PSORS6) in patients with early onset Psoriasis and evidence for interaction with PSORS1**
U. Hüffmeier, J. Lascorz, T. Becker, F. Schürmeyer-Horst, A. Magener, A. Ekici, S. Endele, C. Thiel, S. Thoma-Uszynski, R. Mössner, K. Reich, W. Kurrat, T. Wienker, H. Traupe, A. Reis; Erlangen, Bonn, Münster, Göttingen, Westerland/ Sylt
- P064** **Comparative genomics and gene expression analysis reveal that the evolutionary origin of hair keratins preceded the appearance of mammalian hair**
L. Eckhart, K. Jäger, S. Szabo, L. Dalla Valle, A. Nardi, C. Ballaun, M. Buchberger, M. Hermann, L. Alibardi, E. Tschachler; Wien, Padua
- P065** **Xeroderma pigmentosum group C and G gene polymorphisms, alternative splicing and functional DNA repair in multiple melanoma patients**
K. Thoms, S. Vollert, P. Laspe, A. Rosenberger, S. Emmert; Göttingen
- P066** **Frequent somatic mutations of GNAQ in uveal melanoma do not impact patient survival.**
J. Bauer, E. Kilic, B. Bastian, C. Garbe, A. de Klein; Tübingen, Rotterdam, San Francisco
- P067** **Association of the FAS/CD95-promoter single nucleotide polymorphism -670 A/G and lupus erythematosus in a German cohort**
S. Molin, E. Weiss, G. Maurer, T. Ruzicka, G. Messer; München, München-Großhadern, Frankfurt/M./M.

Immunologie

- P068 (V36)** **IL-17A induces cathelicidin antimicrobial peptide in keratinocytes through a vitamin D dependent mechanism**
M. Peric, S. Koglin, S. Kim, S. Morizane, R. Besch, J. Prinz, T. Ruzicka, R. Gallo, J. Schaubert; München, San Diego
- P069** **The in vivo expression and secretion of different antimicrobial peptides is induced in patients with atopic dermatitis independently of S. aureus colonization**
S. Dressel, U. Meyer-Hoffert, J. Harder, R. Fölster-Holst, T. Schwarz, J. Schröder, R. Gläser; Kiel
- P070 (V33)** **SlanDCs (6-sulfoLacNAc+ dendritic cells), a novel proinflammatory cell type in systemic lupus erythematoses**
K. Schäkel, A. Hänsel, C. Günther, W. Baran, E. Rieber, M. Meurer; Dresden
- P071** **Suppression of melanoma tumor growth with murine DEC205 single chain fragment variable fusion protein.**
T. Johnson, M. Maas, K. Mahnke, S. Ring, R. Kontermann, F. Le Gall, D. Nettelbeck, A. Enk; Heidelberg, Stuttgart

- P072 (V30) A humanized mouse model to study human regulatory T cells in vivo**
C. Becker, J. Kubach, C. Taube, C. Becker, K. Reifenberg, H. Jonuleit; Mainz
- P073 (V29) Sildenafil treatment prolongs survival and reduces immune suppression in melanoma bearing mice**
C. Meyer, M. Baniyash, D. Schadendorf, V. Umansky; Heidelberg, Jerusalem
- P074 UV-induced regulatory T cells switch antigen-presenting cells from a stimulatory into a regulatory phenotype**
A. Schwarz, W. Schuller, T. Schwarz; Kiel
- P075 Stabilin-1 – multitasking receptor on macrophages linking uptake and secretion**
J. Kzhyshkowska, A. Gratchev, L. Krusell, S. Mamidi, V. Riabov, J. Zhang, G. Workman, H. Sage, P. Sedlmayr, S. Goerd; Mannheim, Seattle, Graz
- P076 The distribution of antimicrobial Psoriasin (S100A7) in healthy human skin depends on localization and age**
M. Wittersheim, J. Cordes, J. Bartels, U. Meyer-Hoffert, J. Harder, J. Schröder, R. Gläser; Kiel
- P077 Murine psoriasis-like inflammation induced by IL-23 is dependent on CC-chemokine receptor 6 (CCR6) expression on skin homing T-cells and non T cells as a source of IL-22**
A. Lonsdorf, M. Hedrick, A. Shirakawa, C. Lee, S. Singh, S. Hwang, J. Farber; Bethesda, Heidelberg
- P078 (V21) Production of adenosine by regulatory T cells through the ectonucleotidase CD39 blocks adherence of effector T cell to vascular endothelium and thus abrogates contact hypersensitivity reactions.**
S. Ring, S. Oliver, B. Cronstein, A. Enk, K. Mahnke; Heidelberg, New York
- P079 *In vivo* activation of injected naïve regulatory T cell occurs at the site of antigen application in a murine model of contact hypersensitivity.**
S. Ring, M. Kretz, A. Enk, K. Mahnke; Heidelberg
- P080 Application of skin antigens fused to a novel single chain fragment specific for murine DEC-205 to induce tolerance in a skin graft model**
I. Gratz, T. Johnson, K. Mahnke, J. Bauer; Salzburg, Heidelberg
- P081 Dendritic cell loading and maturation with complexes of cationic, antigenic peptides and poly(I:C) dsRNA**
H. Haenssle, T. Buhl, P. Riedl, A. Schardt, R. Schirmbeck; Göttingen, Ulm
- P082 Nanoparticles as carriers in transepidermal vaccination strategies**
F. Rancan, D. Papakostas, S. Hadam, T. Delair, B. Verrier, W. Sterry, U. Blume-Peytavi, A. Vogt; Berlin, Lyon
- P083 Cytotoxicity of peripheral blood dendritic cells is subtype-specific and restricted to stimulation with intracellular TLR ligands**
M. Kalb, G. Stary, F. Koszik, G. Stingl; Wien

- P084** **Stage-dependent frequencies of regulatory T cells and T helper cell reactivity against recall antigens in melanoma patients**
A. Correll, A. Tuettenberg, C. Becker, H. Jonuleit; Mainz
- P085** **Plasmin is involved in generation of the linear IgA dermatosis antigen LABD97**
S. Hofmann, U. Voith, V. Schönau, L. Sorokin, L. Bruckner-Tuderman, C. Franzke; Freiburg, Münster, New York
- P086 (V23)** **IL-10-treated (tolerogenic) allergen-pulsed dendritic cells induce production of CCL18 in human CD4+ T cells from allergic donors which enhances the recruitment of regulatory T cells**
I. Bellinghausen, U. Luxemburger, Ö. Türeci, S. Grabbe, J. Saloga; Mainz
- P087** **Water-soluble, non-allergenic factors from pollen regulate disparate signaling pathways in human dendritic cells resulting in a TH2 promoting phenotype**
S. Gilles, V. Mariani, X. Zhang, T. Jakob, M. Müller, J. Ring, S. Pastore, H. Behrendt, C. Traidl-Hoffmann; München, Rom, Freiburg, Würzburg
- P088** **Targeting of a MOG-single chain fusion protein to DEC205+ dendritic cells in vivo ameliorates experimental autoimmune encephalomyelitis in BL/6 mice**
S. Schmitt, T. Johnson, S. Ring, V. Storn, T. Bedke, A. Enk, K. Mahnke; Heidelberg
- P089 (V27)** **Susceptibility to experimental epidermolysis bullosa acquisita (EBA) is correlated with the expression of Th1 cytokines**
K. Bieber, C. Hammers, R. Ludwig, D. Zillikens, J. Westermann; Luebeck
- P090** **TH17 deficiency in patients with chronic mucocutaneous candidiasis**
J. Hiller, S. Förster, K. Eyerich, M. Schaller, H. Behrendt, J. Ring, H. Hofman, C. Traidl-Hoffmann; München, Tübingen, München
- P091** **Intravenous immunoglobulin (IVIG) therapy acts independently of the neonatal Fc-receptor in experimental epidermolysis bullosa acquisita**
M. Kasperkiewicz, N. Ishii, M. Hirose, M. Freitag, E. Schmidt, A. Recke, D. Zillikens, R. Ludwig; Lübeck
- P092** **The murine antimicrobial peptide beta defensin-14 induces Foxp3 expression in CD4+CD25- T cells**
F. Navid, A. Schwarz, K. Hinrichsen, T. Schwarz; Kiel
- P093** **T cells reprogrammed by RNA Transfer to recognize HIV-1**
C. Hofmann, T. Harrer, V. Kubesch, K. Maurer, E. Harrer, K. Eismann, S. Bergmann, M. Schmitt-Haendle, G. Schuler, J. Dörrie, N. Schaft; Erlangen
- P094** **Interleukin (IL)-31 induces pro-inflammatory cytokines in human macrophages and PBMCs upon stimulation with staphylococcal exotoxins**
S. Kasraie, M. Niebuhr, T. Werfel; Hannover
- P095** **Alpha-toxin induces a higher T-cell proliferation in atopic dermatitis and is a strong inducer of Th1, Th2 and Th17 cytokines**
M. Niebuhr, D. Mamerow, T. Werfel; Hannover
- P096** **Characterization of mast cell cultures from different origin**
S. Kaesler, U. Schmidt, F. Wölbing, E. Shumilina, N. Matzner, F. Lang, T. Biedermann; Tübingen
- P097** **Glucocorticoids promote resolution of inflammation by increasing survival of anti-inflammatory monocytes.**
J. Ehrchen, K. Barczyk, K. Tenbrock, M. Ahlmann, D. Viemann, C. Sunderkötter, J. Roth;

Münster

- P098** **Role of dermal fibroblasts in the regulation of dendritic cell migration**
A. Saalbach, C. Klein, C. Schirmer, U. Anderegg, J. Simon; Leipzig
- P099 (V19)** **Regulatory T cells expanded in skin-draining lymph nodes via RANK-RANKL-activated Langerhans cells suppress cutaneous inflammation and colitis**
V. Kupas, A. Lügering, T. Sparwasser, T. Luger, S. Beissert, K. Loser; Münster, Hannover
- P100** **MAPK pathways regulate B7-H1 expression in dendritic cell (DC) subpopulations.**
S. Karakhanova, K. Mahnke, A. Enk; Heidelberg
- P101** **IL-27 cytokine affects phenotype and function of human DC.**
S. Karakhanova, K. Mahnke, A. Enk; Heidelberg
- P102** **Increased suppressor function of CD4+CD25+ regulatory T cells after interaction with endothelial cells**
T. Bedke, K. Mahnke, A. Enk; Heidelberg
- P103** **Murine model of skin infection for Staphylococcus aureus to monitor innate and adoptive immune response**
N. Nippe, G. Varga, J. Ehrchen, A. Tsianakas, K. Roebrock, J. Roth, C. Sunderkötter; Münster
- P104** **STAT1-dependent dendritic cells education by T helper 1 lymphocytes**
H. Braumüller, T. Wieder, N. Bauer, M. Röcken; Tübingen
- P105 (V18)** **IL-12/IL-23p40 small interfering RNA (siRNA) establish protective immunity against autoimmune disease in vivo**
J. Brück, C. Weigert, S. Pascolo, I. Glocova, K. Fuchs, W. Hötzenecker, B. Pichler, M. Ghashghaeinia, K. Ghoreschi, M. Röcken; Tübingen, Zürich
- P106** **ICOS-ICOSL interaction: A single costimulatory pathway responsible for the tolerogenic function of human myeloid immature dendritic cells**
M. Hubo, A. Tuettenberg, J. Kubach, E. Hüter, S. Stoll, H. Jonuleit; Mainz
- P107** **A Janus-like role of activating transcription factor 3 (ATF3) critically determines susceptibility to systemic bacterial infections**
W. Hoetzenecker, E. Guenova, F. Wölbing, J. Brück, I. Glocova, T. Biedermann, K. Ghoreschi, B. Echtenacher, M. Röcken; Tübingen, Regensburg
- P108** **Glutathione concentrations regulate innate immunity in vitro and in septic patients via modulation of ATF3 (Activating Transcription Factor 3)**
W. Hoetzenecker, E. Guenova, B. Echtenacher, F. Wölbing, K. Hoetzenecker, J. Brück, I. Glocova, T. Biedermann, K. Ghoreschi, M. Röcken; Tübingen, Regensburg, Wien
- P109** **Functional link for a psoriasis candidate gene: S100A7 mediates leukocyte chemotaxis directly through the Pattern Recognition Receptor RAGE**
R. Wolf, H. Dong, J. Winston, F. Mascia, C. Cataisson, T. Chavakis, Z. Howard, S. Yuspa; Maryland, Frederick, Bethesda, München
- P110** **Mast cell proliferation and differentiation is promoted by adhesion to fibroblasts**
M. Grusser, M. Maurer, A. Dudeck; Berlin
- P111** **Selective targeting NF-kappaB in macrophages substantially alleviates skin inflammation in a mouse model of psoriasis**
H. Wang, T. Syrovets, D. Kess, T. Peters, B. Buchele, H. Hainzl, O. Lunov, G. Schulz,

J. Weiss, T. Simmet, K. Scharffetter-Kochanek; Ulm

- P112 High-dose IFN-alpha therapy shifts the balance of T cell responses in stage III malignant melanoma patients: reduction of regulatory T cells and enhancement of effector/memory T cell subsets**
N. Bacher, E. Graulich, N. Lorenz, K. Steinbrink; Mainz
- P113 Immunomodulatory role of IL-4 on human dendritic cell phenotype and consequences on human Th cells polarization**
M. Tham, K. Sauer, G. Weindl, E. Guenova, T. Biedermann; Tübingen, Berlin
- P114 Systemic IL-4 therapy abrogates IL-23 secretion and Th17 responses in psoriasis**
E. Guenova, K. Ghoreschi, W. Hötzenecker, R. Mailhammer, G. Weindl, K. Sauer, K. Schäkel, M. Schaller, M. Röcken, T. Biedermann; Tübingen, Bethesda, Berlin, Dresden, München
- P115 Pregnane X Receptor (PXR) signalling links xenobiotic metabolism to the cutaneous adaptive immune response**
S. Dubrac, A. Elentner, S. Ebner, M. Schmuth; Innsbruck
- P116 Active LFA-1 on dendritic cells prolongs APC-T cell contacts but inhibits T cell proliferation**
S. Balkow, W. Kolanus, S. Heinz, C. Loquai, B. Holzmann, S. Grabbe, M. Laschinger; Mainz, Bonn, München
- P117 Expression of molecules involved in the innate immunity is strongly enhanced during lactation in mammary epithelial cells.**
M. Mildner, A. Abtin, J. Jin, R. Gläser, J. Schröder, J. Pammer, V. Mlitz, M. Schmidt, E. Tschachler; Wien, Kiel, Neuilly
- P118 Humanized mice: Effective models for preclinical testing of novel biologicals against allergy and autoimmunity?**
J. Kubach, C. Becker, K. Michel, M. Zidan, K. Reifenberg, H. Jonuleit; Mainz
- P119 Efalizumab induces T cell hyporesponsiveness in vivo and in vitro**
F. Koszik, G. Stary, N. Selenko-Gebauer, G. Stingl; Wien
- P120 The transcriptional program of naturally occurring human regulatory T cells**
A. Tuettgenberg, T. Fischer, S. Fondel, B. Markova, J. Kubach, C. Becker, K. Satoh, J. Joore, H. Stahl, W. Rist, M. Lenter, D. Mennerich, F. Schneider, S. Gattenlöhner, S. Stoll, H. Jonuleit; Mainz, Lelystad, Biberach, Würzburg
- P121 Large differences in the programming of naive T cells by slan (6-sulfoLacNAc) dendritic cells and CD1c+ dendritic cells from human blood**
A. Hänsel, J. Ingwersen, M. Meurer, E. Rieber, K. Schäkel; Dresden
- P122 Mice with heterozygous deficiency of Manganese Superoxide dismutase (SOD2) display increased contact hypersensitivity (CHS) response: A mechanism possibly involved in aging associated inflammation.**
J. Scheurmann, A. Renkl, A. Seier, C. Weber, F. Buback, G. Schulz, N. Treiber, M. Kohn, K. Scharffetter-Kochanek, J. Weiss; Ulm
- P123 (V10) Antigen specific induction of the Th1 cytokine OPN is an important mechanism in the chronification of allergic contact dermatitis that may serve as a therapeutic target**
A. Seier, A. Renkl, G. Schulz, T. Uebele, A. Sindrilaru, L. Liaw, S. Kon, T. Uede, J. Weiss; Ulm, Sapporo, Scarborough

- P124** **Neuronal nitric oxide synthase is involved in maturation of human dendritic cells and induction of Th1 responses**
A. Simon, E. Graulich, A. Habermann, H. Adler, A. Friebe, E. Closs, K. Steinbrink; Mainz, Bochum
- P125** **Live-cell imaging of primary DC versus a DC cell line - Interaction with naive T cells and regulatory T cells within 3D collagen gels**
S. Heinz, S. Balkow, Y. Höhn, N. Voltz, C. Loquai, M. Krummen, M. Bros, A. Reske-Kunz, S. Grabbe; Mainz
- P126** **Naturally occurring *S. aureus* derived peptidoglycan monomer is a NOD2 ligand and significantly aggravates TLR-induced inflammation**
T. Volz, J. Buschmann, S. Kaesler, M. Röcken, F. Götz, T. Biedermann; Tübingen
- P127** **Cross-presentation of protein antigen by Langerhans Cells**
C. Tripp, V. Flacher, F. Sparber, F. Koch, N. Romani, P. Stoitzner; INNSBRUCK
- P128** **The NFkappaB signaling pathway is involved in the LPS/IL-2 induced upregulation of FoxP3 expression in human CD4+CD25high regulatory T cells**
L. Milkova, V. Voelcker, I. Forstreuter, U. Sack, U. Anderegg, J. Simon, C. Maier-Simon; Leipzig, Erlangen
- P129** **Platelet P-selectin as a biomarker in psoriasis**
J. Garbaraviciene, S. Diehl, R. Ludwig, W. Boehncke; Frankfurt/M./M.
- P130** **Characterisation of a human chitinase as mediator of the innate immune system**
C. Gorzelanny, B. Poepplmann, S. Pereira, E. Strozyk, V. Huck, B. Moerschbacher, S. Schneider; Münster
- P131** **Phänotypische und morphologische Charakterisierung von murinen knochenmarksgenerierten Dendritischen Zellen aus Syndecan knock out Mäusen**
J. Bühligen, C. Gebhardt, M. Averbeck, J. Simon; Leipzig
- P132** **Homing receptor expression in a lymphocyte homing model to human skin xenografts**
C. Weishaupt, S. Beissert, K. Loser, G. Murphy, T. Luger, T. Kupper, R. Fuhlbrigge; Münster, Boston
- P133** **Intradermal administration of a synthetic glycolipid antigen together with a tumor model antigen induces efficient T cell responses against melanoma.**
C. Tripp, I. Hermans, N. Romani, P. Stoitzner; Innsbruck, Wellington
- P134** **Intrathymic beta2 integrin deficiency generates unconventional memory-like CD44+ TCR CD4-CD8- (DN) T cells**
T. Oreshkova, H. Wang, A. Sindrilaru, G. Varga, S. Grabbe, K. Scharffetter-Kochanek, T. Peters; Ulm, Münster, Mainz
- P135** **Development of a highly effective adsorber matrix for immunoapheresis therapy of pemphigoid gestationis**
J. Heering, C. Schmidt, E. Schmidt, A. Recke, C. Sitaru, D. Zillikens, T. Peters, T. Weimar; Lübeck
- P136** **AP-1 represses INK4-dependent and -independent tumor suppressor pathways in human melanoma**
A. Jalili, C. Wagner, K. Mertz, M. Pashenkov, M. Lupien, M. Goiser, J. Brunet, S. Ramaswamy, T. Golub, G. Stingl, S. Wagner; Wien, Moscow, Boston

- P137** **Characterization of the inflammatory skin disease in CTLA-4 knockout mice**
A. Ambach, H. Hoff, I. Franke, P. Kolar, B. Bonnekoh, H. Gollnick, M. Brunner-Weinzierl;
Magdeburg, Berlin
- P138** **Immune monitoring of peptide specific CD8+ T-cell responses**
H. Voigt, J. Oelkrug, S. Schüler, D. Schrama, J. Becker; Würzburg
- P139** **Integrative cGH and gene expression outlier analyses identify metastasis suppressor 1 (MTSS1) as a novel lineage-addicted cancer gene in human melanoma**
K. Mertz, J. Saarikangas, T. Junt, J. Romanov, C. Wagner, S. Auinger, A. Glassmann, K. Schilling, Y. Xiao, L. Chin, V. Borgdorff, V. Small, P. Lappalainen, G. Stingl, S. Wagner;
Wien, Helsinki, Basel, Bonn, Boston, MA
- P140** **Lipofection or Electroporation of RNA –Consequences of different antigen-distribution on immunogenicity**
J. Dörrie, N. Schaft, C. Wohn, V. Wellner, T. Schunder, I. Müller, E. Kämpgen, G. Schuler;
Erlangen
- P141** **Identification of CD4+ T cell epitopes from human melanoma associated tumor antigens TRP-1 and TRP-2 based upon immunization of HLA-class II transgenic mice with recombinant adenovirus and combinatorial peptide library screening in vitro**
W. Osen, M. Song, S. Soltek, J. Steitz, T. Tüting, B. Leuchs, X. Ngyuen, D. Schadendorf, A. Paschen; Heidelberg, Pittsburgh, PA 15219, Bonn, Mannheim
- P142 (V07)** **IFN- γ impairs the NKG2D-mediated killing of melanoma cells by Natural Killer cells**
D. Vokhminova, N. Schwinn, A. Sucker, I. Moll, S. Striegel, S. Wiedekind, A. Cerwenka, A. Steinle, D. Schadendorf, A. Paschen; Mannheim, Heidelberg, Tübingen
- P143** **Getting T cells to work EUR" transforming quantity into quality**
S. Gross, A. Hamann, W. Leisgang, I. Händle, B. Schuler-Thurner, G. Schuler, E. Kämpgen; Erlangen
- P144** **The galectin disaccharide ligand LacNAc prevents loss of tetramer staining after T cell activation**
S. Volland, M. Wiesinger, P. van der Bruggen, G. Schuler, E. Kämpgen; Erlangen, Brüssel
- P145** **Activation of a TGF-beta-specific multistep gene expression program in mature M2 macrophages requires glucocorticoid-mediated surface expression of TGF-beta receptor II**
A. Gratchev, J. Kzhyshkowska, A. Popova, S. Kannookadan, M. Ochsenreiter, S. Goerd; Mannheim
- P146** **Regulation of M-CSF and its receptor by IFN IL-4 and glucocorticoids in human macrophages**
A. Popova, J. Kzhyshkowska, S. Goerd, A. Gratchev; Mannheim
- P147** **Correlation of total serum IgE-levels and Perforin release Velocity in patients with Atopic Dermatitis**
A. Ambach, B. Bonnekoh, H. Gollnick; Magdeburg
- P148** **Further evidence for regulation of IgE-production by CD8+ Perforin-containing T cells in patients with Atopic Dermatitis**
M. Hoefeld-Fegeler, B. Bonnekoh, H. Gollnick, A. Ambach; Magdeburg

- P149** **Autoantibodies from PNP sera preferentially recognize desmocollins and the C-terminal epitopes of the desmoglein 3 ectodomains**
O. Brandt, D. Rafei, E. Podstawa, A. Niedermeier, M. Jonkman, G. Messer, H. Pas, M. Hertl, R. Mueller; Marburg, München, Groningen
- P150** **Deficiency of regulatory T cells in syphilitic skin lesions is associated with an enhanced cytotoxic T cell response in HIV-infected patients**
G. Stary, I. Klein, C. Brüggem, S. Kohlhofer, L. Müllauer, D. Spazierer, G. Stingl; Wien
- P151** **TRAIL-expressing plasmacytoid dendritic cells from HIV-1 viremic patients induce CD4+ T cell apoptosis**
G. Stary, I. Klein, S. Kohlhofer, F. Koszik, T. Scherzer, L. Müllauer, H. Quendler, G. Stingl, N. Kohrgruber; Wien
- P152** **Uptake of protein antigen into murine Langerhans cells in situ**
F. Sparber, C. Tripp, V. Flacher, N. Romani, P. Stoitzner; Innsbruck
- P153** **Regulatory monocytes control T cell responses in vitro and in vivo**
G. Varga, J. Ehrchen, A. Tsianakas, K. Roebrock, N. Nippe, A. Stadtbäumer, J. Roth, C. Sunderkötter; Münster
- P154** **Development of a human T-Cell based in vitro assay for the identification of contact allergens**
P. Esser, S. Schmucker, L. Dietz, H. Thierse, A. Richter, S. Martin; Freiburg, Bergisch Gladbach, Mannheim

Klinische Forschung

- P155** **Inhibition of PI3K-AKT-mTOR but not of RAF-MEK-ERK signaling sensitizes melanoma cells to chemotherapy**
H. Niessner, T. Sinnberg, K. Lasithiotakis, B. Schitteck, D. Kulms, E. Maczey, J. Gogel, C. Garbe, F. Meier; Tübingen, Stuttgart
- P156** **Generation of a skin equivalent on a collagen/elastin matrix with autologous human keratinocytes and fibroblasts for clinical application**
P. Golinski, D. Brinzeu, N. Zöller, S. Kippenberger, H. Menke, J. Bereiter-Hahn, A. Bernd; Frankfurt/M., Timisoara, Offenbach
- P157** **Betulin-based triterpene extract promotes keratinocyte differentiation in vitro and ex vivo and displays anti-tumour effects in vivo via up-regulation of transient receptor potential channel 6 (TRPC6)**
U. Woelfle, M. Laszczyk, M. Müller, K. Leuner, A. Kersten, B. Simon-Haarhaus, A. Scheffler, S. Martin, W. Müller, C. Schempp; Freiburg, Niefern-Öschelbronn, Frankfurt/M.
- P158** **Evaluation of diagnostic criteria and recommendations for diagnosis of Adamantiades-Behçet disease in Germany**
A. Altenburg, N. Bonitsis, L. Krause, C. Zouboulis; Dessau, Berlin
- P159** **Certain filaggrin (FLG) mutations are likely to be associated with combined allergic and irritative chronic hand eczema**
S. Molin, S. Vollmer, P. Weisenseel, T. Ruzicka, J. Prinz; München
- P160** **The value of molecular diagnosis and staging in primary cutaneous B-cell lymphomas**
M. Felcht, N. Booken, P. Stroebel, S. Goerdts, C. Klemke; Mannheim

- P161 Confocal laser microscopic capillaroscopy - A novel approach to the observation and analysis of skin capillaries in vivo**
J. Hegyi, V. Hegyi, PhD, G. Messer, T. Ruzicka, C. Berking; München, Bratislava
- P162 MGMT gene promotor methylation does not predict temozolomide response in melanoma**
J. Hassel, A. Sucker, L. Edler, R. Rausch, H. Kurzen, I. Moll, C. Stresemann, F. Lyko, K. Spieth, F. Egberts, R. Dummer, D. Schadendorf; Mannheim, Heidelberg, Frankfurt/M., Kiel, Zürich, Essen
- P163 Successful therapy of chronic actinic dermatitis with infliximab**
R. Schopf; Mainz
- P164 Autoimmune phenomena during long-term anti-TNF treatment for psoriasis: effects on the psoriasis area-and severity index**
R. Schopf, N. Sapyega; Mainz
- P165 Seborrheic eczema responds more quickly to treatment with pimecrolimus cream than treatment with ketoconazole cream**
J. Jensen, C. Clausen, R. Fölster-Holst, E. Proksch; Kiel
- P166 Epidemiological investigations on cutaneous leishmaniasis and Leishmania/HIV co-infection in the Mokolo focus, Far North Province, Cameroon**
O. Ngouateu, E. von Stebut, M. Maurer, A. Same-Ekobo, P. Kamtchouing, B. Dondji; Yaoundé, Mainz, Berlin, Douala, Ellensburg
- P167 The synergistic action of IFN- γ and IL-17 increases cutaneous innate immunity by the induction of antimicrobial proteins**
M. Simanski, H. Schumacher, J. Harder; Kiel
- P168 XPG D1104H and XPD K751Q polymorphisms are independent prognostic factors for melanoma**
D. Schrama, D. Scherer, M. Schneider, M. Zapatka, S. Ugurel, R. Kumar, J. Becker; Würzburg, Heidelberg, Mumbai
- P169 Occupational UV-exposure of Austrian farmers**
H. Maier, A. Schmalwieser, H. Rohn, K. Schmid-Kubista, H. Hönigsmann; Wien
- P170 Vitamin D levels in patients with Xeroderma pigmentosum**
M. Hösl, M. Röcken, M. Berneburg; Tübingen
- P171 Accidental partial body exposure to ionizing radiation ascertained after almost 40 years by M-FISH analysis of human cutaneous fibroblasts**
R. Peter, M. Udart, R. Hibst; Ulm-Blaustein, Ulm
- P172 Isolation and characterisation of human melanocytes from hair follicles for clinical use**
C. Fieber, U. Anderegg, J. Simon, A. Emmendörffer; Leipzig
- P173 Das Patientenregister des Deutschen Netzwerks für Systemische Sklerodermie (DNSS): Daten zur prospektiven Erfassung der Organbeteiligung nach 1 und 2 Jahren**
P. Moinzadeh, N. Hunzelmann, E. Genth, T. Krieg, I. Melchers, M. Meurer, U. Müller-Ladner, G. Riemekasten, E. Schulze-Lohoff, C. Sunderkötter; Köln, Aachen, Freiburg, Dresden, Bad-Nauheim, Berlin, Köln-Merheim, Münster

Mikrobiologie

- P174 (V32) Anti-phospholipid antibodies opsonise L. major parasites to promote dendritic cell (DC) phagocytosis and induction of protective immunity**
S. Lopez Kostka, J. Hurst, F. Demircik, P. von Landenberg, M. Udey, A. Waisman, E. von Stebut; Mainz, Bethesda
- P175 Mechanism of treatment of cutaneous Leishmania major infection by a two component gel developing nitric oxide**
B. Lorenz, A. Goldinger, E. von Stebut; Mainz
- P176 Exploring the Diversity of Dematophytes using SARAMIS@AXIMA**
M. Erhard, M. Welker, F. Seyfarth, U. Hipler; Potsdam/Golm, Jena
- P177 Inducible depletion of Langerhans cells leads to ameliorated disease following Leishmania major infection**
K. Kautz-Neu, S. Dinges, M. Noordegraaf, B. Clausen, E. von Stebut; Mainz, Amsterdam, Rotterdam
- P178 Identifying CD8+ T-cell epitopes as candidates for vaccination against cutaneous leishmaniasis**
S. Brosch, B. Grewe, S. Tenzer, R. Holtappels, E. von Stebut; Mainz
- P179 A novel twist in the pathogenesis of Hidradenitis suppurativa: Sweat gland cells attract Staphylococcus aureus adhesion by Cytokeratin 8**
M. Haim, K. Önder, D. Bovell, H. Hintner, J. Bauer; Salzburg, Glasgow, Linz
- P180 Natural killer (NK) T cells modulate immunity against Leishmania major infection**
K. Griewank, B. Lorenz, M. Fischer, S. Lopez Kostka, E. von Stebut; Mainz

Pharmakologie

- P181 PLA-nanoparticles as a drug delivery system for topical dermatotherapy**
D. Papakostas, F. Rancan, S. Hadam, S. Hackbarth, T. Delair, B. Verrier, W. Sterry, U. Blume-Peytavi, A. Vogt; Berlin, Lyon
- P182 Downregulation of VEGFR2 is a major molecular determinant of dimethylfumarate mediated anti-angiogenic action in endothelial cells**
M. Meissner, M. Stein, G. Reichenbach, I. Hrgovic, R. Kaufmann, J. Gille; Frankfurt/M., Giessen
- P183 Insights into understanding the mechanisms of action of alitretinoin in chronic hand eczema**
B. Homey, E. Bünemann, U. Wiesner, A. Schmitt-Hoffmann, J. Maares, T. Ruzicka; Düsseldorf, München, Basel
- P184 PPAR delta agonists exert profound anti-angiogenic action in endothelial cells via VEGFR2 downregulation**
M. Meissner, I. Hrgovic, M. Stein, R. Kaufmann, J. Gille; Frankfurt/M., Giessen

- P185** **ZK 245186, a novel, selective glucocorticoid receptor agonist (SEGRA) for the topical therapy of inflammatory skin diseases.**
H. Schäcke, T. Zollner, W. Döcke, H. Rehwinkel, S. Jaroch, W. Skuballa, R. Neuhaus, E. May, U. Zügel, K. Asadullah; Berlin
- P186** **The differential anti-inflammatory potential of SEGRA ZK 216348 and Prednisolone relies on T cell apoptosis rather than modulation of dendritic cell activity**
S. Schmitt, H. Schäcke, H. Rehwinkel, W. Döcke, K. Asadullah, U. Zügel, E. May; Berlin

Photobiologie

- P187 (V25)** **Activation of the aryl hydrocarbon (Ahr) receptor via resveratrol prevents UV-induced immunosuppression**
W. Schuller, T. Schwarz, A. Schwarz; Kiel
- P188** **Infrared radiation does not enhance the frequency of UV-induced skin tumors, but their growth behavior in mice**
C. Jantschitsch, A. Maeda, S. Majewski, T. Schwarz, A. Schwarz; Kiel
- P189** **Extracorporeal Photopheresis augments the number and increases the function of regulatory T cells by triggering Adenosine production**
S. Schmitt, T. Johnson, S. Karakhanova, H. Näher, K. Mahnke, A. Enk; Heidelberg
- P190** **UV-activated lipids derived from lower plants induce the expression of cellular antioxidants in skin cells.**
F. Gruber, O. Oskolkova, V. Bochkov, M. Buchberger-Mosser, A. Leitner, M. Verfliet-Schneebaum, B. Lengauer, V. Mlitz, E. Tschachler; Wien, Wien, Freiburg
- P191** **Laser-stripping of stratum corneum to enhance drug penetration for PDT**
T. Maisch, B. Forster, A. Klein, M. Landthaler, R. Szeimies; Regensburg
- P192** **A humanized mouse model to investigate immunomodulatory mechanisms of extracorporeal photopheresis**
C. Loquai, S. Balkow, I. Bellinghausen, S. Heinz, M. Krummen, C. Becker, H. Jonuleit, S. Grabbe; Mainz
- P193 (V11)** **Anti-inflammatory action of UVA-1 oxidation is mediated by Nrf2.**
F. Gruber, P. Sharma, S. Rudraiah, B. Lengauer, V. Mlitz, S. Blüml, A. Kadl, T. Kensler, E. Tschachler, N. Leitinger; Charlottesville, VA, Wien, Baltimore, MD, Neuilly sur Seine
- P194** **Lack of professional knowledge of tanning bedoperators**
B. Maier, S. Tretter, A. Schmalwieser, A. Zacherl, H. Hönigsmann, H. Maier; Wien
- P195** **Fluorescence induction by two different topical formulations used for photodynamic therapy in a full thickness ex vivo pig skin model**
T. Maisch, R. Szeimies; Regensburg
- P196** **Dependence between UV-A radiation intensity and ability of singlet-oxygen production by fatty acids**
J. Regensburger, T. Maisch, A. Gollmer, W. Bäumler; Regensburg

P197 (V05) Oxidatively induced mitochondrial CSA and CSB are associated to complexes binding to oxidative DNA damage: implications for participation of CSA and CSB in mitochondrial DNA repair.

Y. Kamenisch, J. Knoch, B. Fehrenbacher, M. Schaller, M. Röcken, M. Berneburg; Tübingen

P198 Intense pulsed light treatment leads to long term mitochondrial DNA mutations

Y. Kamenisch, A. von Thaler, C. Braniek, M. Röcken, M. Berneburg; Tübingen

Tumorbiologie

P199 (V35) Cancer-retina antigens cGMP-phosphodiesterase 6 and transducin control cGMP metabolism and Ca²⁺ homeostasis in melanoma cells

V. Tambor, B. Dikov, P. Philippov, D. Schadendorf, S. Eichmüller, A. Bazhin; Mannheim, Heidelberg, Moscow

P200 Targeted therapy of melanoma: Novel kinase inhibitors with potent and specific anti-melanoma activity

N. Haass, K. Smalley, J. Lee, M. Herlyn; Sydney, Philadelphia

P201 Expression of tight junction proteins in Merkel cell carcinoma

F. Fuchs, I. Moll, P. Houdek, N. Haass, E. Wladykowski, J. Brandner; Hamburg, Sydney

P202 Usability of Connexin 26, 30 and 43 as markers for diagnosis and prognosis of malignant melanoma

N. Haass, D. Ripperger, E. Wladykowski, F. Fischer, P. Schmage, I. Moll, J. Brandner; Sydney, Hamburg

P203 ZO-1 in malignant melanoma and adjacent epidermis

C. Bohner, N. Haass, D. Ripperger, E. Wladykowski, I. Moll, J. Brandner; Hamburg, Sydney

P204 FOXP3+CD25- tumor cells with regulatory function in Sezary SyndRom

J. Heid, A. Schmidt, N. Oberle, S. Goerdts, P. Krammer, E. Suri-Payer, C. Klemke; Heidelberg, Mannheim

P205 (V26) Generation of myeloid derived suppressor cells and Regulatory T cells during the progression of murine RET melanoma

T. Fujimura, K. Mahnke, S. Ring, T. Johnson, V. Storn, S. Shallenberg, T. Bedke, S. Aiba, A. Enk; Heidelberg, Sendai

P206 Serum amyloid A as a prognostic biomarker in melanoma identified by proteomic profiling

S. Ugurel, P. Findeisen, M. Zapatka, T. Peccerella, H. Matzk, M. Neumaier, D. Schadendorf; Würzburg, Mannheim, Heidelberg, Essen

P207 cFLIP isoforms block death receptor-induced NF- κ B activation irrespective of caspase-8 or cFLIP processing

S. Kavuri, D. Berg, P. Geserick, M. Feoktistova, M. Neumann, D. Siegmund, H. Gollnick, H. Wajant, M. Leverkus; Magdeburg, Würzburg, Tübingen

P208 (V22) Methylthioadenosine Phosphorylase is a Predictive Marker for Response to Adjuvant Interferon Therapy in Patients with Malignant Melanoma

S. Meyer, P. Wild, T. Vogt, F. Bataille, C. Ehret, M. Landthaler, F. Hofstädter, A. Bosserhoff; Regensburg, Zürich

- P209** **The role of the chemokine CCL20 in tumor-associated angiogenesis**
A. Hippe, A. Schorr, A. Müller-Homey, A. van Lierop, M. Steinhoff, S. Seeliger, R. Kubitza, E. Bünemann, R. Liersch, M. Heroult, T. Hoffmann, K. Jannasch, S. Brema, P. Boukamp, M. Müller, F. Alves, J. Sleeman, H. Augustin, A. Zlotnik, B. Homey; Düsseldorf, Münster, Göttingen, Heidelberg, Karlsruhe, Mannheim, Irvine
- P210 (V20)** **Genome-wide RNAi loss-of-function screen identifies key signalling pathways for melanoma progression**
J. Schultz, D. Koczan, G. Gross, P. Langer, M. Kunz; Rostock
- P211** **Induced synthesis of hyaluronic acid in stromal fibroblasts supports cell proliferation, colony growth and motility of melanoma cells**
A. Willenberg, J. Simon, U. Anderegg; Leipzig
- P212** **The transcription factor c-Jun is regulated by loss of active cell-cell contacts during development and progression of malignant melanoma**
B. Spangler, S. Kuphal, L. Vardimon, A. Bosserhoff; Regensburg, Israel
- P213** **Integrin beta3 expression is regulated by let-7a miRNA in malignant melanoma**
D. Müller, A. Bosserhoff; Regensburg
- P214** **Tumor suppressor 14-3-3 and melanoma cell senescence**
J. Schultz, G. Gross, M. Kunz; Rostock
- P215** **Regulation of TRPM2 expression in malignant melanoma by a tumor-enriched antisense transcript**
A. Wenke, U. Orfanelli, G. Lavorgna, A. Bosserhoff; Regensburg, Milan
- P216** **Dual role of beta-catenin in primary melanocytes and malignant melanoma cells**
M. Menzel, T. Sinnberg, B. Schitteck; Tübingen
- P217** **DNA repair host factors modulate side effects of temozolomide or dacarbazine melanoma treatment rather than treatment efficacy and are determined by promoter methylation**
L. Boeckmann, K. Thoms, R. Gutzmer, C. Has, M. Kunz, C. Kuschal, P. Laspe, M. Schirmer, A. Rosenberger, D. Struever, J. Brockmoeller, S. Emmert; Göttingen, Hannover, Freiburg, Rostock
- P218** **Processing of MIA protein during melanoma cell migration**
J. Schmidt, A. Bosserhoff; Regensburg
- P219 (V16)** **Inhibition of platelet gpIb(alpha) and promotion of melanoma metastasis**
L. Erpenbeck, B. Nieswandt, M. Schön, M. Pozgajova, M. Schön; Würzburg, Göttingen
- P220** **H-Cadherin expression reduces invasion of malignant melanoma**
S. Kuphal, G. Boyle, L. Ellmann, A. Bosserhoff; Regensburg, Brisbane
- P221** **Transcriptional targeting of adenoviral lytic replication and therapeutic gene transfer for combined viro-/gene therapy of malignant melanoma**
C. Quirin, S. Rohmer, M. Behr, S. Büchs, A. Enk, D. Nettelbeck; Heidelberg
- P222** **Improved therapeutic viruses for oncolysis of malignant melanoma: combining rational mutagenesis and therapeutic gene expression**
S. Rohmer, A. Hesse, C. Quirin, S. Büchs, A. Enk, D. Nettelbeck; Heidelberg, Erlangen

- P223** **Bone morphogenetic proteins induce expression of matrix metalloproteinases in melanoma cells and surrounding fibroblasts**
S. Braig, T. Rothhammer, A. Bosserhoff; Regensburg
- P224** **Does interferon gamma-induced tumor dormancy depend on the induction of tumor cell senescence?**
T. Wieder, H. Braumüller, N. Bauer, M. Röcken; Tübingen
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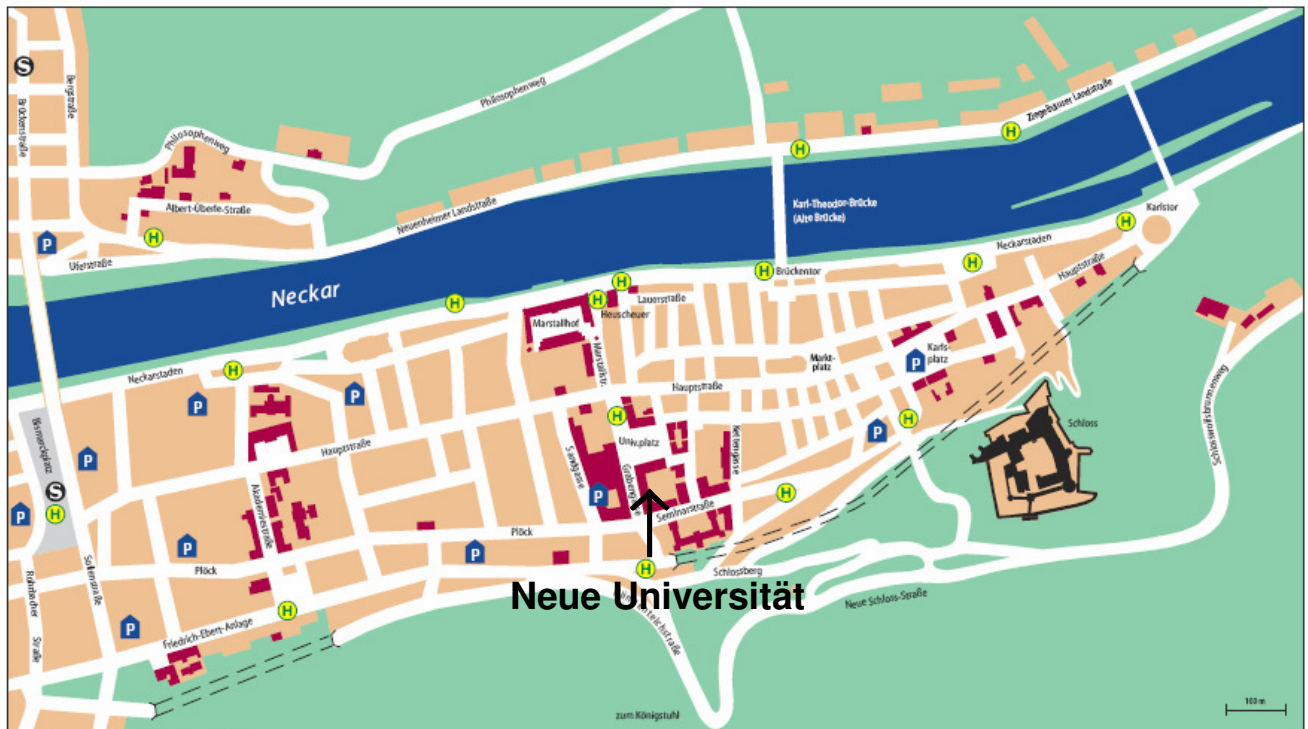
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Tagungsort:

Neue Universität
 Grabengasse 3-5
 D - 69117 Heidelberg
 www.uni-heidelberg.de

Universitätsgebiet Altstadt



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Zeichenerklärung:			
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Die Ausrichter der ADF Tagung (Heidelberg, 5. – 7. März 2009) danken weiterhin folgenden Firmen für die großzügige Unterstützung:

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Bullet Points und Notizen zum WORKSHOP *Cancer and Aging*

1. Hartmut Geiger, Ulm

The role of stem cells in Cancer, aging and aging-related diseases.

Bulletpoints:

- General aspects of Cancer and Aging
- Cellular Pathways in Aging
- Molecular Pathways in Aging
- Stem cells in Cancer and Aging
- Amelioration of Aging: Healthy Aging

Bullet Points und Notizen zum WORKSHOP *Cancer and Aging*

2. Nils-Göran Larsson, Köln: Mitochondrial dysfunction in degenerative disease and ageing.

Bulletpoints:

- General aspects of oxydative phosphorylation
- Regulation of mtDNA expression
- Nuclear mitochondrial crosstalk
- Age-associated mitochondrial dysfunction
- Are ROS important in ageing?

Bullet Points und Notizen zum WORKSHOP *Cancer and Aging*

3. Alexander Bürkle, Konstanz: DNA repair and PARP in Cancer and Aging

Bullet points:

- DNA damage and DNA repair
- Poly(ADP-ribosyl)ation
- PARP activity: a decision on life or death of the cell
- DNA repair and ageing
- PARP and ageing