



**XXX. Jahrestagung
der
Arbeitsgemeinschaft
Dermatologische Forschung**

in Zusammenarbeit mit der
Deutschen Dermatologischen Gesellschaft

mit Unterstützung der Schering AG

Poelzig-Ensemble
Frankfurt

27. Februar - 1. März 2003
Frankfurt

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

Tagungsort

Johann Wolfgang Goethe-Universität
Campus Westend
Casino des Poelzig-Ensembles
Grüneburgplatz 1
60629 Frankfurt am Main

Vor der Tagung

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

Während der Tagung

Kongress-Telefon: +49-(0)-69-7983 2256
Kongress-Telefax: +49-(0)-69-7983 2716

Verkehrsanbindung

U-Bahnlinie 1,2 oder 3
Haltestelle Haltestelle Holzhausenstraße
Oder Bus 36
Haltestelle Oberlindau

Lageplan letzte Seite

Donnerstag, 27. Februar 2003	Freitag, 28. Februar 2003	Samstag, 1. März 2003
	09:00 – 10:30 Vorträge 17 – 25	09:00 - 10:30 Vorträge 26 – 34
	10:30 – 12:00 Postersession I, ungerade Nummern Posterwalks	10:30 – 12:00 Postersession II, gerade Nummern Posterwalks
	12:00 – 13:00 Günter Goerz Vorlesung (<i>W. Sterry</i>)	12:00 – 13:00 Pause
	13:00 – 14:00 Pause	13:00 – 13:30 Posterpreispräsentation
		13:30 – 15:00 Vorträge 35 – 43
15:30 – 17:00 Begrüßung Vorträge 1 – 8	14:00 – 17:00 Workshop	15:00 Ende der Tagung Verabschiedung
17:00 – 17:30 Pause		
17:30 – 18:50 Vorträge 9 – 16	17:00 – 19:00 Mitgliederversammlung	
19:00 – 20:00 Gastvortrag (<i>P. Matzinger</i>)		
20:00 – 21:30 Postersession I und II bei Snacks und Getränken	20:00 – 23:00 Gesellschaftsabend	

Tagungsorganisation

Lokale Organisatoren

Prof. Dr. W.-H. Boehncke, PD Dr. J. Gille, Dr. M. Podda,
PD Dr. T.M. Zollner, Prof. Dr. R. Kaufmann
Zentrum der Dermatologie und Venerologie
Johann Wolfgang Goethe-Universität
Theodor-Stern-Kai 7, 60590 Frankfurt am Main

Technische Organisation

Hotel, Reise, Rahmenprogramm

AGENTUR COPP

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Prof. Dr. W.-H. Boehncke, PD Dr. J. Gille, Dr. M. Podda
Zentrum der Dermatologie und Venerologie
Johann Wolfgang Goethe-Universität
Theodor-Stern-Kai 7, 60590 Frankfurt am Main
E-Mail: Boehncke@em.uni-frankfurt.de

Tagungsbeitrag

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

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

Kreditkarten können leider noch nicht akzeptiert werden.

Öffnungszeiten des Tagungsbüros

Donnerstag,	28.02.2002	14:00 – 20:00 Uhr
Freitag,	01.03.2002	08:00 – 18:00 Uhr
Samstag,	02.03.2002	08:30 – 14:00 Uhr

Tagungsorganisation

Vorträge	Redezeit	7 Min
	Diskussion	3 Min

Projektion Die Projektion der Vorträge erfolgt ausschließlich mit Beamer. Bitte bringen Sie Ihren Vortrag auf einer CD als PowerPoint-Präsentation mit. Bitte beachten Sie, daß aus technischen Gründen nur solche Präsentationen geeignet sind, die mit Office 2000 auf einem PC geöffnet werden können.

Wir erbitten Abgabe einer Disk / CD Rom mindestens 30 Min. vor Beginn der Sitzung

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

Wir weisen darauf hin, dass sich anlässlich der ADF-Tagung die Arbeitsgruppen treffen. Weitere Informationen zu diesen Treffen finden Sie auf der ADF-Homepage.

Der Vorstand der ADF bedankt sich bei den Gutachtern der Beiträge für die ADF 2003

Monique Aumailley, Köln

Jürgen Becker, Würzburg

Tilo Biedermann, Wien

Luca Borradori, Genf

Klaus Degitz, München

Michael Detmar, Boston

Bernhard Korge, Köln

Martin Leverkus, Würzburg

Achim Schneeberger, Wien

Kerstin Steinbrink, Mainz

Alexander Steinkasserer, Erlangen

Cord Sunderkötter, Münster

Ralf Wienecke, München

Peter Wolf, Graz

Posterkommission 1

R. Kaufmann

K. Bruckner-Tudermann

T. Krieg

Posterkommission 2

G. Schuler

T. Luger

E.B. Bröcker

Donnerstag, 27. Februar 2003

14.00 - 15.30 **Poster anbringen und Registrierung**

15.30 - 15.40 **BEGRÜSSUNG**

15.40 - 17.00 **Vorträge I**

Vorsitz: E. Kämpgen, W.H. Boehncke

- V01** **15.40** **Identification and analysis of the transcriptional regulation of a new hypoxia-inducible angiogenesis factor in malignant melanoma.** D. Koczan¹, S. Moeller², H. Thiesen¹, M. O. Glocker, G. Gross, S. M. Ibrahim, M. Kunz; Rostock
- V02** **15.50** **I β B-a controls perinatal myelopoiesis via Jagged1.** R. A. Rupec, F. Jundt, B. Rebholz, B. Eckelt, B. Dörken, S. Moosmann, I. Förster, R. Huss, K. Pfeffer; München, Berlin
- V03** **16.00** **Mast Cells control Angiogenesis in Arthritis.** M. Kneilling, B. J. Pichler, R. Haubner, S. Solomon, L. Morawietz, V. Krenn, R. Mailhammer, T. Biedermann, W. Weber, H. Illges, L. Hültner, M. Röcken; München, Konstanz, Berlin, Tübingen
- V04** **16.10** **Inhibition of Melanoma Inhibitory Activity (MIA) expression in melanoma cells leads to molecular and phenotypic changes .**J. Tatzel, J. Schlegel, A. K. Bosserhoff; Regensburg
- V05** **16.20** **Mutations in the epidermal lipoxygenase gene ALOXE3 cause autosomal recessive congenital ichthyosis (ARCI) in a family mapped to chromosome 17p13.** K. M. Eckl, F. André, W. Küster, H. C. Hennies; Berlin, Bad Salzschlirf
- V06** **16.30** **CRIC3, a chemokine receptor inactivator as a novel approach in the treatment of allergic and inflammatory diseases.** J. Elsner, I. Hartung, R. Baelder, S. Escher, N. Spodsberg, Y. Dulkys, M. Walden, A. Heitland, S. Senger, A. Braun, W. G. Forssmann, U. Forssmann; Hannover
- V07** **16.40** **Pollen derived factors impair the capacity of dendritic cells to initiate TH1 responses.** C. Traidl-Hoffmann, T. Jakob, V. Mariani, H. Hochrein, U. Mueller, H. Wagner, J. Ring, H. Behrendt; München, Würzburg
- V08** **16.50** **Activation of the MAP kinase p38 is mandatory for the induction of antigen-specific anergy and suppressor activity of CD4⁺ T cells.** S. Kubsch, S. Ludwig, E. Graulich, H. Adler, J. Knop, K. Steinbrink; Mainz, Würzburg

17.00 - 17.30 **PAUSE**

Donnerstag, 27. Februar 2003

17.30- 18.50 Vorträge II

Vorsitz: J. Krutmann, S. Grabbe

- V09 17.30 In vivo induction of CD4+/CD25+ regulatory T cells by molecular targeting of antigens to immature dendritic cells by aDEC-205 antibodies.** K. Mahnke, Y. Qian, J. Knop, A. H. Enk; Mainz
- V10 17.40 Why does ultraviolet A radiation (UVA) induce gene expression in human keratinocytes (NHK) in a biphasic pattern?** S. Grether-Beck, A. Timmer, H. Brenden, I. Felsner, J. Krutmann; Düsseldorf
- V11 17.50 Distinct protein complexes induce expression of the chemokine CCL22 in dendritic cells and B cells.** H. Ghadially, X. Ross, A. Reske-Kunz, R. Ross; Mainz
- V12 18.00 Cultured peri-bulbar dermal sheath and dermal papilla cells induce new hair follicles from mouse epidermis and modify the growth and cycling properties of hair follicles present through natural embryogenesis.** K. J. McElwee, S. Kisling, E. Wenzel, A. Huth, R. Hoffmann; Marburg
- V13 18.10 Evidence for a role of pyrimidine dimers in UVA mutagenesis.** U. P. Kappes, D. Luo, T. M. Ruenger; Boston
- V14 18.10 Child syndrome: Molecular analysis of 25 patients. Evidence for a role of pyrimidine dimers in UVA mutagenesis.** A. König, R. Happle, D. Bornholdt, H. Engel, K. Grzeschik; Marburg
- V15 18.30 Enhanced RANK-RANKL signalling in transgenic mice leads to increased numbers of regulatory T cells.** K. Loser, A. Mehling, T. Schwarz, S. Grabbe, S. Beissert; Münster
- V16 18.40 Selective inactivation of the interleukin-10 gene in T cells results in enhanced contact hypersensitivity reactions.** A. Roers, L. Ntambi, E. Strittmatter, M. Deckert, W. Stenzel, C. B. Wilson, T. Krieg, K. Rajewsky, W. Müller; Köln, Seattle, Boston, Braunschweig

19.00 – 20:00 GASTVORLESUNG

Polly Matzinger

Laboratory of Cellular and Molecular

Immunology, NIH, USA

"The danger model in immunologic defense - an Update"

Einführung: S. Grabbe

**20:00 - 21.30 POSTERSESSION I UND II
BEI SNACKS UND GETRÄNKEN**

WISSENSCHAFTLICHES PROGRAMM

Wir danken der Serono GmbH für die großzügige Unterstützung

Freitag, 28. Februar 2003

09.00 - 10.30 Vorträge III

Vorsitz: C. Mauch, R. Kaufmann

- V17 09.00 Vaccination with TAT-LACK fusion protein-transduced dendritic cells (DC) protects against murine cutaneous leishmaniasis.** K. Moelle, N. Shibagaki, S. Lopez Kostka, J. Knop, M.C. Udey, E. von Stebut; Mainz, Bethesda
- V18 09.10 Fibroblast growth factor-2 induces Lef/Tcf-dependent transcription in human endothelial cells.** W. Holthoner, M. Pillinger, M. Gröger, K. Wolff, R. Pestell, P. Petzelbauer; Wien
- V19 09.20 Aggregation of antigen-specific T cells at the inoculation site of mature dendritic cells.** J. C. Becker, D. Schrama, L. Åstergaard Pedersen, P. Keikavoussi, M. Andersen, P. Thor Straten, A.O. Eggert, E. B. Broecker, E. Kaempgen; Kopenhagen, Würzburg
- V20 09.30 Low zone tolerance to contact allergens: the role of immunosuppressive cytokines for the regulatory function of CD8+ suppressor T cells.** W. Seidel-Guyenet1, R. Alt, M. Maurer, M. Metz, M. Blessing, C. Schramm, J. Knop, K. Steinbrink; Mainz
- V21 09.40 P. aeruginosa produces a specific inhibitor of human β -Defensin-2 induction in primary keratinocytes.** L. Schwichtenberg, J. Harder, J. Schröder; Kiel
- V22 09.50 Protection from UVB-induced apoptosis - a novel activity of the neuropeptide α -melanocyte-stimulating hormone.** M. Böhm, T. Luger, T. Schwarz, A. Schwarz; Münster
- V23 10.00 Environment and Genotype: how a water-sensitive transglutaminase-1 mutation explains the dynamic phenotype of the self-healing collodion baby.** M. Raghunath, H. C. Hennies, B. Ahvazi, M. Vogel, A. Reis, P. M. Steinert, H. Traupe; Münster, Berlin, Bethesda, Erlangen
- V24 10.10 Dendritic cells genetically modified to secrete a T cell receptor mimic peptide suppress T Cell activation in allergy and autoimmune disease models.** K. Mahnkel, Y. Qian1, J. Knop1, A.H. Enk; Mainz
- V25 10.20 Psoriasiform dermatitis in I β B-a-deficient mice is dependent on TNF, LT- α and LT- β and independent of T cells.** B. Rebholz, F. Jundt, M. Alimzhanov, B. Eckelt, S. Moosmann, G. Messer, B. Dörken, D. Kuprash, S. Nedospasov, R. Huss, K. Pfeffer, R. A. Rupec; München, Berlin, Moskau

10.30 - 12.00 POSTERSESSION I (ungerade Nummern) + Posterwalks

12.00 – 13:00 Günter Goerz Vorlesung

Wolfram Sterry

Charité, Berlin

"Zur Zukunft der klinischen und akademischen Dermatologie: Risiken und Chancen"

Einführung: E. Kämpgen

WISSENSCHAFTLICHES PROGRAMM

Freitag, 28. Februar 2003

13.00 - 14.00 P A U S E

14.00 - 17.00 WORKSHOP

Stem cells

Organisation: E. Kämpgen, G. Messer

- 14:00 – 14:05** Gerald Messer
Opening remarks
- 14:05 – 14:30** Michael Punzer, Düsseldorf
Characterization of human adult haematopoetic stem cells
- 14:30 – 14:55** Albrecht Müller, Würzburg
Turning blood into brain by epigenetic modifications
- 14:55 – 15:20** Yann Barrandon, Lausanne
Epithelial stem cells and skin morphogenesis
- 15:20 – 15:40** - *Coffee break* -
- 15:40 – 16:05** Susana Ortiz, Stanford
Non Viral Gene Therapy in Epidermolysis Bullosa: Future Perspectives
- 16:05 – 16:30** Wolfgang Franz, München
Stem cells in cardiac disease
- 16:30 – 16:55** Wolfgang Bender, Darmstadt
Ethical aspects of stem cell research
- 16:55 – 17:00** Eckhart Kämpgen
Concluding remarks

17.00 - 19.00 Mitgliederversammlung

Freitag, 28. Februar 2003

20.00 - 23.00 Gesellschaftsabend

im „Explora“
Glauburgplatz 1
60318 Frankfurt

Seeing is Believing !

Für Sinnesfreuden und -täuschungen ist gesorgt.
Danach „tanzt der Kongress“ bis in die frühen Morgenstunden.

Wege zum „Explora“:

U5
Glauburgstrasse 300m östlich, Lortzingstrasse links

Tram 12
Rohrbachstrasse/Friedberger Landstrasse
Glauburgstrasse 100 m westlich, Lortzingstrasse rechts

Bus 30
Rohrbachstrasse/Friedberger Landstrasse
Glauburgstrasse 100 m westlich, Lortzingstrasse rechts

Wir danken den Firmen Schering AG, Fujisawa Deutschland GmbH und Hoffmann-La Roche AG für die großzügige Unterstützung

Samstag, 1. März 2003

09.00 - 10.30 Vorträge IV

Vorsitz: G. Messer, K. Steinbrink

- V26 09.00 A Role for p50 in the Molecular Mechanisms of Interleukin-10 to inhibit NF- κ B activity.** F. Driessler, R. Sabat, K. Asadullah, A. Schottelius; Berlin
- V27 09.10 Trail-induced Gene Induction in Human Keratinocytes: Differential Contribution of Trail Receptor 1 and 2.** M. Leverkus, M. R. Sprick, A. Denk, E. Bröcker, H. Walczak, M. Neumann; Würzburg, Heidelberg, Ulm
- V28 09.20 Modification of the human allergic immune response by allergen-DNA-transfected dendritic cells in vitro.** B. Klostermann, I. Bellinghausen, I. Böttcher, A. Petersen, W. Becker, J. Knop, J. Saloga; Mainz, Borstel
- V29 09.30 Analysis of syndecan and glypican proteoglycans in human papillomavirus (HPV) infectivity pathways.** S. Shafti-Keramat, A. Handisurya, E. Kriehuber, K. Slupetzky, R. Kirnbauer; Wien
- V30 09.40 Heparin reduces melanoma cell rolling in ear postcapillary venules through inhibition of P-selectin.** J. E. Schultz, M. Podda, T. M. Zollner, W. Boehncke, E. Jäger, L. Zacharski, R. Kaufmann, J. Gille, R. J. Ludwig; Frankfurt, Berlin, Vermont, Bad Nauheim
- V31 09.50 Decreased clearance of apoptotic cells and enhanced cross-presentation in milk fat globule-E8 (MFG-E8) deficient mice.** G. Hofbauer, F. Melchionda, M. Wilson, M. Udey; Zürich, Bethesda
- V32 10.00 IL-12 instructs in vivo skin homing of human Th2 cells independently of Th cell differentiation.** T. Biedermann, G. Lametschwandtner, K. Tangemann, C. Schwarzler, J. M. Carballido; Wien
- V33 10.10 Antigen specific interactions of T cells with B cells or DC differ fundamentally in terms of dynamics, interaction plane and outcome.** M. Gunzer, C. Weishaupt, Y. Basoglu, S. Grabbe; Braunschweig, Münster
- V34 10.20 Fca-Dependent Granulocyte Activation Is Required for Blister Induction by IgA1 Autoantibodies to the Cleaved Ectodomain of Type XVII Collagen/BP180.** C. Sitaru, R. Daerr, A. Kromminga, G. J. Oostingh, E. Broecker, D. Zillikens; Würzburg, Hamburg

10.30 - 12.00 POSTERSESSION II (gerade Nummern) + Posterwalks

12.00 – 13.00 P A U S E

13.00 - 13.30 POSTERPREIS-PRÄSENTATION
Trends and Highlights

13.30 - 15.00 Vorträge V
Vorsitz: R. Kirnbauer, T. Zollner

- V34 13.30 The Thy-1 molecule on activated human dermal microvascular endothelial cells specifically interacts with CD11b (αM-integrin) on leukocytes - impacts on inflammatory processes.** A. Wetzel, U. Anderegg, U. Haustein, M. Sticherling, A. Saalbach; Leipzig
- V35 13.40 Rapid induction of melanoma in human skin by exposure to growth factors and ultraviolet-b radiation.** C. Berking, R. Takemoto, K. Satyamoorthy, T. Shirakawa, L. Li, K. Chruma, D. Elder, M. Herlyn; München, Philadelphia
- V36 13.50 Processing and possible mechanism of action of the antibiotic peptide Dermcidin in human sweat.** B. Schitteck, S. Rieg, B. Sauer, H. Kalbacher, C. Garbe; Tübingen
- V37 14.00 Absence of β-2 integrins on dendritic cells does not impair antigen presentation, but there expression on T lymphocytes is necessary for T cell activation.** G. Varga, K. Wethmar, M. Gunzer, D. Vestweber, K. Scharffetter-Kochanek, S. Grabbe; Münster, Köln
- V38 14.10 Identification and characterisation of peptide epitopes derived from murine MAGE.** A. Eggert, M. H. Andersen, P. thor Straten, E. Kämpgen, J. C. Becker; Würzburg, Kopenhagen
- V39 14.20 CCR10 Expression by Malignant Melanoma Cells: Implications for Tumor Growth and Metastasis.** A. Müller, S. N. Wagner, T. Ruzicka, A. Zlotnik, B. Homey; Düsseldorf, Wien, San Francisco
- V40 14.30 Cockayne Syndrome A and B proteins are present in mitochondria and involved in the repair of oxidative mtDNA damage.** M. Fousteri, V. Kürten, T. Ruzicka, L. Mullenders, J. Krutmann, M. Berneburg; Leiden, Düsseldorf
- V41 14.40 NOD2 mediates beta-defensin expression in human keratinocytes.** J. Harder, J.M. Schroeder; Kiel
- V42 14.50 Molecular topography of a dynamic immunological synapse.** J. Storim, M. Kretzschmar, E. Bröcker, P. Friedl; Würzburg

15:00 Uhr ENDE DER TAGUNG – VERABSCHIEDUNG

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

Donnerstag, den 27.02.2003, 20.00 – 21.30 Uhr

Postersession I: Freitag, den 28.02.2003, 10.30 – 12.00 Uhr

Postersession II: Samstag, den 01.03.2002, 10.30 – 12.00 Uhr

Allergologie

- P001** PBMC of nickel allergic and non-allergic individuals display different apoptotic thresholds upon exposure to nickel and metal ions released by coins. B. Summer, K. Ghoreschi, S. Barnstorf, G. Roeder, P. Thomas; München
- P002** Inhibition of the IL-4/IL-13 receptor system in combination with allergen specific immunotherapy in a mouse model for allergic airway inflammation. C. Hahn, J. Meinhard, E. B. Bröcker, S. M. Grunewald; Würzburg
- P003** Stimulated release and production of basic FGF in human mast cells. A. Krajewski, S. Guhl, M. Artuc, T. Zuberbier; Berlin
- P004** Natural rubber latex and insect venom allergens share IgE epitopes. V. Mahler, T. Fuchs, C. Gutgesell, D. Kraft, R. Valenta; Erlangen
- P005** Differentiation between acute and chronic delayed type hypersensitivity reactions by radiolabeled RGD-peptides. M. Kneilling, B. Pichler, L. Hueltner, R. Mailhammer, H. Braumueller, K. Ghoreschi, T. Biedermann, R. Haubner, W. Weber, M. Roeken; Muenchen
- P006** Nerve growth factor and its receptor TrkA are expressed in the human pilosebaceous apparatus, and modulate catagen development of organ-cultured anagen scalp hair follicles. M. G. Hansen, R. Overall, M. Schroeder, P. Pertile, P. C. Arck, R. Paus, E. M. Peters; Hamburg
- P007** Detection of CD123⁺CD45ra⁺CD4⁺ plasmacytoid dendritic cells in allergic contact dermatitis. C. Bangert, G. Stingl, T. Kopp; Wien

Andrologie

- P008** Correlation between interferon-gamma and inhibin B in seminal plasma of men. U. Hipler, G. Schreiber; Jena
- P009** P-1- 02 Epitestosterone - a new prospective anti androgen?. U. Hipler, G. Schreiber, J. Berlau, W. Roemer; Jena

Angiologie Dermatopathologie

- P010** Micromanipulation of single cells from tissue imprints is an alternative to laser assisted microdissection. T. C. Brauns, M. Goos; Essen
- P011** Elevated expression of EMMPRIN (CD147) and membrane-type matrix metalloproteinases in venous leg ulcers. T. Hildenbrand, M. Idzko, E. Panther, E. Bandemir, M. Hartmann, J. Norgauer, Y. Herouy; Freiburg
- P012** The vitamin d receptor is essential for normal skin function. S. Meindl, A. Rot, S. Chang-Rodriguez, W. Hötzenecker, S. Kato, H. Cross, A. Elbe-Bürger; Wien

WISSENSCHAFTLICHES PROGRAMM

- P013** Phenotypic switch of endothelial cells in skin biopsies of different autoimmune diseases. C. Bester, T. C. Fischer, F. Serowka, P. Welker, D. A. Groneberg; Berlin
- P014** Expression of the vasoactive intestinal polypeptide receptor VPAC2 in cutaneous mastocytosis. A. Kretschmer, D. A. Groneberg, F. Serowka, T. C. Fischer, P. Welker; Berlin
- P015** Localized scleroderma is associated with activation of antioxidant enzymes and increased lipid peroxidation. C. S. Sander, S. Kleemann, P. Elsner, J. J. Thiele; Jena
- P016** Tissue counter analysis as a tool for the discrimination of skin tumors: A survey of the method. . M. Wiltgen, A. Gerger, J. Smolle; Graz
- P017** Inhibition of IFN- γ -Induced Keratin 17 Overexpression as a Putative Psoriasis Autoantigen by Antisense Oligonucleotides *In Vitro*. R. Boeckelmann, T. Horn, H. Gollnick, B. Bonnekoh; Magdeburg
- P018** Molecular Genetic Analysis Excludes Implantation Metastasis of Opposite Basal Cell Carcinomas. C. Hafner, A. Hartmann, R. Knuechel, W. Dietmaier, M. Landthaler, T. Vogt; Regensburg
- P019** Angiotensin AT1- and AT2-receptors are upregulated in human cutaneous wounds. U. M. Steckelings, B. M. Henz, S. Wiehstutz, M. Artuc; Berlin
- P020** Reactivity to autologous serum skin test, clinical features, and anti-Fc ϵ RI/anti-IgE expression in patients with chronic urticaria. P. Staubach, K. Onnen, A. Kromminga, A. Hanau, M. Metz, M. Magerl, I. Tschentscher, J. Knop, M. Maurer; Mainz
- P021** Venous leg ulcers and apoptosis: A TIMP-3 mediated pathway ? . Y. Herouy, M. Idzko, T. Hildenbrand, M. Y. Ali, J. Clement, D. Ferrari, F. Di Virgilio, J. Norgauer; Freiburg

Genetik

- P022** Screening of Unselected Sebaceous Gland Neoplasias and Hyperplasias for Microsatellite Instability. R. Kruse, A. Rütten, N. Schweiger, E. Jakob, M. Mathiak, P. Propping, E. Mangold, M. Bisceglia, T. Ruzicka; Düsseldorf
- P023** AP-1 Complex Composition in Oxysterol-treated Keratinocytes. M. Schmuth, K. Hanley, P. Lau, P. M. Elias, D. D. Bikle, K. R. Feingold; Innsbruck
- P024** The molecular basis of Fabry disease in Germany. T. Wiederholt, P. Pobleto, F. Breunig, H. F. Merk, J. Frank; Aachen
- P025** Thiopurine Methyl Transferase Antagonism - Phenotype versus Genotype in 1088 individuals . K. Önder, B. Paulweber, H. Hintner, J. Bauer; Salzburg
- P026** Genetic background of Chloroquine - treatment in Porphyria cutanea tarda. E. Köstler, U. Stölzel, A. Koch, M. Richter, C. Wittekind, A. Tannapfel, U. Wollina; Dresden
- P027** Significant association of the -174 bp promotor polymorphism of the human interleukin 6 gene with severe type of alopecia areata. M. Stockmeier, N. Jetter, G. Messer; München
- P028** Efficient expression of the tuberous sclerosis 2 tumor suppressor gene by retroviral gene transfer. A. Vu, T. Licht, M. Gashghaeinia, R. Wienecke; München

Immunologie

WISSENSCHAFTLICHES PROGRAMM

- P029 Fumaric acid esters are potent immunosuppressants: inhibition of acute and chronic rejection in rat kidney transplantation models by methyl hydrogen fumarate.** M. Lehmann, K. Risch, H. Nizze, J. Brock, H. Volk, K. Asadullah; Rostock
- P030 T-cell stimulatory activity of *Propionibacterium acnes*.** U. Jappe, J. Henwood, E. Ingham, K. T. Holland; Heidelberg
- P031 Interactions between peptide-pulsed dendritic cells and tumor-specific T cells: Implications for dendritic cell-based immunotherapy .** D. Dieckmann, B. Ring, L. Jenne, G. Schuler, E. Schultz; Erlangen
- P032 Sequential expression of cytokines and receptors in the first 16h in L.major-infected footpads.** J. Ehrchen, J. Roth, E. Nattkemper, T. Vogl, G. Varga, C. Sunderkötter; Münster
- P033 Human CD4+CD25+ T cells derived from the majority of atopic donors are able to suppress Th2 cytokine production.** I. Bellinghausen, B. Klostermann, I. Böttcher, J. Knop, J. Saloga; Mainz
- P034 Receptors for *Leishmania*-uptake and their functional relevance: Comparison between macrophages and dendritic cells.** F. Woelbing, C. Sunderkoetter, Y. Belkaid, A. Nigg, J. Knop, E. von Stebut; Mainz
- P035 Vaccinia Virus as oncolytic virus: destruction via interference with the cytoskeleton but infection of bystander DC.** S. Greiner, J. Humrich, P. Thumann, A. Steinkasserer, G. Schuler, L. Jenne; Erlangen
- P036 *Leishmania*-uptake induces increased release of Th1 promoting cytokines by dendritic cells from resistant but not susceptible strains.** A. Nigg, F. Woelbing, S. Lopez Kostka, J. Knop, E. von Stebut; Mainz
- P037 Head to head comparison of different genetic and protein-based immunization strategies to induce tumor antigen-specific protective anti-tumor immune responses in vivo.** S. N. Wagner, T. K. Weimann, M. Bifang, C. Wagner, P. Luehrs, A. Zemann, M. Goos, G. Stingl, A. Schneeberger; Vienna
- P038 Efomycine M leaves T-cell activation unaltered.** W. H. Boehncke, T. Krahn, M. P. Schoen; Frankfurt
- P039 Human CD4+CD25+ regulatory, contact-dependent t cells induce interleukin-10 producing, contact-independent type 1-like regulatory t cells.** D. Dieckmann, C. H. Brütt, H. Ploettner, G. Schuler; Erlangen
- P040 UV-induced T suppressor cells inhibit the effector phase of contact hypersensitivity upon injection into the area of challenge..** A. Schwarz, A. Maeda, K. Kernebeck, T. Schwarz; Muenster
- P041 Haptenated Antigens Are Critical for the Elicitation of an Adaptive Immune Response in a Murine Model of Leukocyte-Adhesion Deficiency 1.** T. Peters, W. Bloch, S. Grabbe, C. Wickenhauser, D. Keß, R. Hinrichs, K. Addicks, T. Krieg, W. Müller, K. Scharffetter-Kochanek; Köln
- P042 Expanded heat shock protein (HSP) receptor CD91 expressing antigen-presenting cells in psoriatic lesions show nuclear NF- κ B, produce TNF-alpha, and are in close vicinity of HSP70.** O. Boyman, H. P. Hefti, M. Suter, B. J. Nickoloff, F. O. Nestle; Zürich
- P043 The Fast Chemokine Response of Lymphocytes is Accelerated in Patients with Atopic Dermatitis: Hyperreleasability of Preformed RANTES and Immediate De Novo Over-Production of MIP-1 β .** A. Ambach, J. Fang, A. Weren, B. Bonnekoh, W. König, B. Schraven, B. König, H. Gollnick; Magdeburg
- P044 Upstream signaling events of ERK activation in dendritic cells by contact sensitizers.** E. Valk, S. Zahn, J. Knop, D. Becker; Mainz
- P045 The UV-B radiation-induced inhibition of interferon-gamma caused keratinocyte activation is independent on endogenous IL-10 and other soluble mediators..** M. Friedrich, R. Holzmann, H. Piazena, W. Sterry, K. Wolk, R. Sabat, K. Asadullah; Berlin
- P046 Immunomodulating effect of iloprost on PBMC.** P. Rehberger, P. Beckheinrich, E. Wandel, M. Sticherling; Leipzig

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- P047 Differential interleukin-10 receptor expression in antigen-presenting cell populations: do dendritic cells escape from inhibitory mechanisms?.** S. Haehling von Lanzenauer, K. Wolk, S. Kunz, B. H. Gruenberg, W. Doecke, U. Reineke, K. Asadullah, H. Volk, R. Sabat; Berlin
- P048 Keratinocyte unresponsiveness towards interleukin-10: lack of specific binding due to deficient IL-10 receptor 1 expression.** B. H. Gruenberg, M. Seifert, R. Sabat, P. Donner, G. Gruetz, H. Volk, K. Wolk, K. Asadullah; Berlin
- P049 Relevance of the low-affinity type of the Fc γ -Receptor IIIa-polymorphism in bullous pemphigoid.** P. Weisenseel, S. Martin, K. Partscht, G. Messer, J. C. Prinz; München
- P050 Immune Cells as Sources and Targets of the Interleukin-10 Family Members?.** K. Wolk, S. Kunz, K. Asadullah, R. Sabat; Berlin
- P051 Identification of immunodominant T cell epitopes of the extracellular domain of desmoglein 3 in patients with pemphigus vulgaris and healthy individuals..** C. M. Veldman, K. Gebhard, A. Mainka, G. Schuler, M. Hertl; Erlangen
- P052 Transiently reduced availability of peripheral blood lymphocytes (trap) induced by R848 potently inhibits hapten induced ear swelling in mice.** M. Gunzer, H. Riemann, Y. Basoglu, S. Grabbe; Braunschweig
- P053 Detection of identical T cells in multiple metastases of melanoma patients.** D. Schrama, E. Fuchs, E. Broecker, J. C. Becker; Wuerzburg
- P054 Long-term IL-10 presence induces the generation of a new APC population.** C. Schoenbein, W. Doecke, K. Wolk, G. Gruetz, M. Jung, H. Volk, K. Asadullah, R. Sabat; Berlin
- P055 Expression of β 7-integrin and GITR defined distinct subsets of human CD25⁺ regulatory T cells.** S. Fondel, E. Schmitt, J. Knop, A. H. Enk, H. Jonuleit; Mainz
- P056 Mass Mapping and Tandem-Mass Spectrometry Reveals Polymorphism and a Novel Variant of Psoriasin.** J. Bartels, J. Schröder; Kiel
- P057 Psoriasin expression in normal and diseased skin.** E. Wandel, B. Rosin, J. Schröder, R. Gläser, M. Sticherling; Leipzig
- P058 A local inflammatory response is required for efficient CD8⁺ T cell-mediated destruction of melanocytes in the skin following genetic immunization against the melanosomal protein TRP2.** S. Montag, J. Brück, J. Steitz, J. Lenz, G. Reinhard, S. Büchs, T. Tüting; Bonn
- P059 New evidence for substance P as a modulatory neuropeptide in autoimmune hair loss.** F. Siebenhaar, A. A. Sharov, T. Y. Sharova, M. Maurer, V. A. Botchkarev; Boston, MA
- P060 Adenosine affects expression of membrane molecules, cytokine and chemokine release, and the T cell stimulatory capacity of human dendritic cells..** E. Panther, S. Corinti, M. Idzko, Y. Herouy, M. Napp, G. Girolomoni, J. Norgauer; Freiburg
- P061 The influence of lysophosphatidic acid on the functions of human dendritic cells..** E. Panther, M. Idzko, S. Corinti, Y. Herouy, G. Girolomoni, J. Norgauer; Freiburg
- P062 Agonists of Proteinase-activated Receptor-2 (PAR-2) have Effects on Human Neutrophil Degranulation, Expression of Cell Adhesion Molecules and Transendothelial Migration.** V. Shpacovitch, G. Varga, A. Strey, A. Lechtermann, J. Buddenkotte, S. Menzel, C. Sommerhoff, F. Mooren, V. Gerke, T. Luger, M. Steinhoff; Muenster
- P063 Dermal dendritic cells differ in some aspects from Langerhans cells and may have a different role in the immune response to a pathogen..** p. stoitzner, c. tripp, a. d. McLellan, n. romani; innsbruck

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- P065** **Comparison of Three Distinct Myeloid Dendritic Cell Subsets with Special Regard to Their Clinical Application in Melanoma Patients.** G. Ratzinger, J. Reagan, M. Cos de Cossia, J. W. Young; New York, NY
- P066** **The Autoantigen of Anti-p200 Pemphigoid Is a Non-collagenous N-linked Glycoprotein of the Dermal-Epidermal Junction.** I. Shimanovich, E. Butt-Doerje, C. Sitaru, E. Broecker, Y. Hirako, D. Zillikens; Wuerzburg
- P067** **Suppression of DC function following adenoviral transduction can be prevented by the use of gutless adenoviral vectors: Implications for immunotherapy using genetically modified DC.** A. Tuettenberg, H. Jonuleit, T. Tueting, J. Brueck, V. Biermann, S. Kochanek, J. Knop, A. Enk; Mainz
- P068** **Production of interleukin 13 by human dendritic cells after stimulation with protein-allergens is a key factor for induction of Th2 cytokines and is associated with activation of STAT6.** I. Böttcher, I. Bellinghausen, P. Brand, B. Klostermann, J. Knop, J. Saloga; Mainz
- P069** **Dendritic Cell Maturation and Differentiation by Osteopontin.** A. C. Renkl, J. Wussler, T. Ahrens, K. Thoma, C. Bernardi, J. C. Simon, J. M. Weiss; Freiburg
- P070** **Prevention of drug-induced antinuclear autoantibody formation by the adoptive transfer of previously exposed CD4⁺CD25⁺ regulatory T cells.** L. E. Layland, M. Wulferink, S. Dierkes, E. Gleichmann; Duesseldorf
- P071** **In senescence decline of Th2 response can lead to Th1 response and resistance in *L.major* infected BALB/c mice.** C. Sunderkötter, J. Ehrchen, E. Nattkemper, C. Sorg, K. Scharffetter-Kochanek; Münster
- P072** **Monitoring Humoral Responses to Human Melanocyte/Melanoma Differentiation Antigens - Establishing Capture ELISA Systems Specific for Tyrosinase-Related Protein (TRP)-1 and TRP-2.** D. Thomas, W. Fink, G. Moldenhauer, D. Schadendorf, A. Paschen; Mannheim
- P073** **Induction of antigen-specific immunity in CDK4(R24C) knock-in C57BL/6 mice.** J. Lenz, J. Steitz, S. Montag, G. Reinhard, S. Buechs, T. Woelfel, M. Malumbres, M. Barbacid, T. Tueting; Bonn
- P074** **Genetic immunization targeting the skin with the gene gun: Comparative assessment of plasmid DNA and synthetic RNA .** G. Reinhard, J. Steitz, J. Lenz, S. Montag, S. Buechs, P. Speuser, C. Britten, T. Woelfel, T. Tueting; Bonn
- P075** **Construction of fusion proteins between a melanocytic self-antigen and an immunogenic foreign antigen in order to break immune tolerance: The intracellular localization does not influence immunogenicity .** J. Brueck, J. Steitz, J. Lenz, T. Tueting; Bonn
- P076** **6-Sulfo LacNAc, a Novel Carbohydrate Modification of PSGL-1, Defines an Inflammatory Type of Human Blood Dendritic Cells.** K. Schäkel, R. Kannagi, B. Kniep, Y. Goto, C. Mitsuoka, J. Zwirner, A. Soruri, M. von Kietzell, E. P. Rieber; Dresden
- P077** **Nickel (Ni) tolerance in mice: a joint venture of APCs, T suppressor cells, NKT cells, and apoptosis.** K. Haarhuis, X. Wu, M. Nowak, F. Kopp, S. Artik, E. Gleichmann; Duesseldorf
- P078** **Tumor immune escape by loss of chemokine expression.** J. Rieker, A. Mueller, R. C. Kubitz, T. Ruzicka, A. Zlotnik, B. Homey; Duesseldorf
- P079** **TNF-alpha induces semi-maturation of dendritic cells, retaining them flexible for the induction of T cell tolerance, Th 1 or Th 2 immunity.** C. Voigtlaender, M. Menges, S. Roessner, G. Schuler, M. B. Lutz; Erlangen
- P080** **Perforin (Perf) Reduction of All Lymphocytes and of the CD8⁺ CD28⁻ Subtype in Alopecia Areata (AA) is Independent of an Atopic Diathesis but Correlates with Disease Activity.** I. Schmidt, A. Ambach, B. Bonnekoh, H. Gollnick; Magdeburg

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- P081 UV-Injury, apoptosis, chemokines and leukocyte recruitment: an amplification cycle triggering cutaneous lupus erythematosus.** S. Meller, R. Kubitzka, H. Kanzler, M. Gilliet, U. Wiesner, M. Dieu-Nosjean, T. Ruzicka, P. Lehmann, A. Zlotnik, B. Homey; Duesseldorf
- P082 IFN γ induced ectopic MHC class I expression in human hair matrix cells is down-regulated by IGF-I, a MSH and TGF β 1: Implication for hair follicle immune privilege and alopecia areata.** T. Ito, N. Ito, Y. Tokura, M. Takigawa, R. Paus; Hamburg
- P083 BP180-and BP230-specific IgG autoantibodies as markers for disease activity and prognosis of bullous pemphigoid.** S. Thoma-Uszynski, W. Uter, S. Schwietzke, S. C. Hofmann, L. Borradori, M. Hertl; Erlangen
- P084 Intradermal genetic vaccination: Role of bone marrow-derived antigen presenting cells.** A. Schneeberger, P. Luehrs, R. Kutil, C. Wagner, G. Stingl, S. N. Wagner; Vienna
- P085 Toll-like receptor 2- and 4-dependent regulation of epithelial inflammatory signaling.** M. K. Oeff, H. Seltmann, N. Hiroi, A. Nastos, S. R. Bornstein, C. C. Zouboulis; Berlin
- P086 Systematic Optimization of Dendritic Cell Phenotype and Function before Use in Cancer Immunotherapy.** H. A. Haenssle, T. Buhl, S. Bram, C. Neumann; Goettingen
- P087 Stage-dependent downregulation of MHC class-II molecules and CD86/B7-2 on peripheral blood monocytes of melanoma patients..** S. Ugurel, D. Uhlig, W. Tilgen, U. Reinhold; Mannheim
- P088 Dendritic cells do not produce interferon- γ .** A. Abdelhafez, U. Kaemmerer, A. D. McLellan, A. O. Eggert, C. Linden, M. Kapp, U. Bommhardt, E. Broecker, E. Kaempgen; Wuerzburg
- P089 Imiquimod treatment of cutaneous T cell lymphoma.** A. Born, S. Gellrich, K. Kotsch, D. Volk, W. Sterry, J. Muche; Berlin
- P090 Proliferating antigen presenting cells expressing DC-SIGN (CD209+) in the decidua of early human pregnancy .** U. Kaemmerer, A. O. Eggert, M. Kapp, A. D. McLellan, T. B. Geijtenbeek, J. Dietl, Y. van Kooyk, E. Kaempgen; Wuerzburg
- P091 Mast cells express a novel isoform of TLR2 and exhibit selectively impaired responses to TLR2/TLR6 dependent stimulation..** M. Metz, K. Grote, H. Peter, J. Knop, M. Maurer; Mainz
- P092 Immunosuppression by induction of heme oxygenase 1: *In vitro* mechanism and effect in models of allergic contact dermatitis.** J. Listopad, C. Schoenbein, R. Sabat, K. Asadullah, W. Doecke; Berlin

Klinische Forschung

- P093** **Expression Patterns of Tight and Gap Junction Proteins in Merkel Cell Carcinoma and Adjacent Epidermis.** N. K. Haass, P. Houdek, E. Wladykowski, I. Moll, J. M. Brandner; Hamburg
- P095** ***Pseudomonas aeruginosa* selectively induces a novel interferon α/β -inducible responsive gene in human keratinocytes.** B. F. Goethel, L. Schwichtenberg, J. M. Schroeder, J. Bartels; Kiel
- P096** **Large scale generation of mature monocyte-derived dendritic cells for clinical application in cell factories.** T. G. Berger, E. Strasser, B. Feuerstein, D. Schreiner, G. Schuler, B. Schuler-Thurner; Erlangen
- P097** **Bimosiamose, a pan-selectin antagonist improves disease manifestation both in human psoriatic skin SCID mice and psoriatic patients - selectin antagonists as a new treatment strategy for inflammatory diseases.** M. Friedrich, G. Wolf, S. Philipp, N. Schoetzau, K. Berens, S. Kang, T. N. Dam, R. Zahlten, W. Sterry; Berlin
- P098** **Tryptophan-dependent synthesis of isomeric bisindolylderivatives by *M. furfur*.** P. Maysner, H. Stapelkamp, W. Thoma, H. Krämer, B. Irlinger, W. Steglich; Giessen
- P099** **Induction of vitiligo in patients with advanced malignant melanoma after intranodal injection of autologous tumor lysate-pulsed dendritic cells is associated with generation of melanocyte antigen specific effector memory cells.** T. Maier, A. Tun-Kyi, M. Gilliet, R. Dummer, G. Burg, F. Nestle; Zürich
- P100** **Tryptophan-dependent synthesis of isomeric bisindolylderivatives by *M. furfur*.** P. Maysner, H. Stapelkamp, W. Thoma, H. Krämer, B. Irlinger, W. Steglich; Giessen
- P101** **Protein profiling of therapeutic effects in the serum of melanoma patients treated by angiostatic chemotherapy (daily trofosamid, rofecoxib, pioglitazone) by SELDI ProteinChip® technology.** B. Becker, R. Bogumil, M. Landthaler, W. Stolz, A. Reichle, T. Vogt; Regensburg
- P102** **Imiquimod 5% anal tampons - an alternative option to surgery for intraanal condylomata.** A. Salat, H. Pokorny, R. Kirnbauer, F. Herbst; Vienna
- P103** **The association of psoriasis vulgaris with internal diseases.** D. Schmitt, K. Carstensen, R. Bugdahl, E. Christophers, M. Weichenthal; Kiel
- P104** **Hybrid cell vaccination in metastatic melanoma: Clinical and immunologic results of a phase I/II study.** H. A. Haenssle, S. Emmert, M. Zutt, L. Kretschmer, H. Schmidberger, S. W. Krause, R. Andreesen, A. Soruri; Goettingen
- P105** **Effects of a Chemical Sunscreen on UV-Induced Changes of Dermoscopic Features in Melanocytic Nevi. I.** Zalaudek, S. Grinschgl, P. H. Soyer, J. Smolle, H. Kerl, P. Wolf, R. Hofmann-Wellenhof; Graz
- P106** **Increased keratinocyte expression and serum levels of calcium-binding proteins S100A8 and S100A9 in psoriasis.** S. Benoit, A. Toksoy, M. Schmidt, J. Roth, E. Bröcker, S. Ludwig, R. Gillitzer, M. Goebeler; Würzburg
- P107** **Uptake of 3h-imipramine versus 3h-haloperidol in pigment-producing and non-pigment-producing melanoma cell-cultures and investigations on the drug association with the cellular constituents. D.** Magnani, I. Moll, G. Skopp, L. Pötsch; Mainz
- P108** **Upregulation of CYP1B1, CYP3A, TAP1 and TAP2 in cultured lymphocytes from patients with porphyria cutanea tarda after in vitro-stimulation with interferon alpha.** J. Frank, P. Poblete, M. M. Neis, A. Rübber, H. F. Merk, J. M. Baron; Aachen
- P109** **Gene transfer by a novel replication-defective and dominant-negative recombinant HSV-1 viral vector.. D.** Hoeller, D. Hoeller, F. Yao, E. Eriksson, F. Yao; Boston, MA

- P110** Changes in basement membrane components in hair follicles of pili annulati patients. K. A. Giehl, D. Ferguson, D. Dean, Y. H. Chuang, R. D. Dawber, I. Leigh, F. Wojnarowska; Headington, Oxford

Mediatoren

- P111** Mu-Opioid Receptor 1A (MOR 1A) is present on cutaneous sensory nerve fibers of humans`. S. Ständer, M. Gunzer, D. Metze, T. Luger, M. Steinhoff; Münster
- P112** Modulation of STAT6 in human monocyte-derived dendritic cells by 1,25-dihydroxycholecalciferol (vitamin D3).. K. Zhu, R. Gläser, U. Mrowietz; Kiel
- P113** Differential expression of TGFβs, TGFβ-receptors and SMAD-proteins in psoriasis skin. H. Yu, O. Bock, R. Gläser, U. Mrowietz; Kiel
- P114** Calcitonin Gene-Related Peptide (CGRP) and Adrenomedullin (ADM) Modulate Adhesion Molecule Expression in Human Dermal Microvascular Endothelial Cell (HDMEC) by Interacting with Specific CGRP/ADM Receptors.. T. E. Scholzen, M. Fastrich, S. Grundmann, T. Brzoska, T. A. Luger; Muenster
- P115** Stress and Substance P induce premature hair follicle regression (catagen) and mast cell degranulation: indications for local Substance P effects on mast cells in anagen-catagen transformation. A. Peter, E. M. Peters, B. Handjiski, E. Hagen, R. Paus, P. C. Arck; Berlin
- P116** Arachidonic acid activates the leukotriene inflammatory signaling pathway in SZ95 sebocytes in vitro. T. Alestas, W. Chen, C. C. Zouboulis; BERLIN
- P117** Possible role of glial cell line-derived neurotrophic factor (GDNF) and neurturin in human hair follicle biology. M. A. Adly, H. A. Assaf, P. Petile, R. Paus; Hamburg

Mikrobiologie

- P118** Interaction of human hematopoietic stem cells with bacterial pathogens. A. Kolb-Mäurer, M. Wilhelm, F. Weissinger, E. B. Broecker, W. Goebel; Würzburg
- P119** Soluble Factors released by *Pseudomonas aeruginosa* induce a Ca²⁺-Influx in Keratinocytes via a G-protein linked Pathway. U. Meyer-Hoffert, L. Schwichtenberg, O. Wiedow, J. M. Schröder; Kiel
- P120** Photodynamic inactivation of MRSA *Staphylococcus aureus*. T. Maisch, X. Feng, B. Love, R. Szeimies, C. Abels; Regensburg

Pharmakologie

- P121** Effects of occlusive and semi-occlusive foils on wound healing. M. Schunck, C. Neumann, J. M. Jensen, E. Proksch; Kiel
- P122** Altered Gene Expression in Normal Human Epidermal Keratinocytes by Retinoic Acid (RA) Isomers and their 4-oxo-Metabolites: 4-oxo-13cis RA is the most potent derivative. R. Heise, G. Zwadlo-Klarwasser, H. F. Merk, D. R. Bickers, F. Jugert, J. M. Baron; Aachen
- P123** Pityriarubins A, B and C: novel putative antiinflammatory agents from *Malassezia furfur*; inhibition of respiratory burst in granulocytes. H. J. Kraemer, D. Kessler, W. Steglich, P. Mayser; Giessen

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- P124 Inhibition of NF- κ B and Induction of Apoptotic Processes in Human Keratinocytes After Treatment with Light Activated Curcuma Longa Extract.** J. Dujic, S. Kippenberger, S. Simon, A. Ramirez-Bosca, J. Bereiter-Hahn, R. Kaufmann, A. Bernd; Frankfurt/M.
- P125 Dimethylfumarate Inhibits Survival of Human Mast Cells.** L. M. Preussner, U. Mrowietz, K. Hartmann; Koeln
- P126 Levels of oxidized arachidonic acid metabolites, IL-1 and IL-6 in microdialysates of human skin and HaCaT-cultures in UVB-erythema and influence of diclofenac (DCF).** J. Grundmann, I. Wiswedel, R. Böckelmann, M. Boschmann, D. Hirsch, C. Müller-Goymann, B. Bonnekoh, H. Gollnick; Magdeburg

Photobiologie

- P127 All-trans-retinoic-acid treatment leads to increased UV-induced apoptosis in in vitro reconstructed human epidermis.** P. Mrass, M. Rendl, M. Mildner, E. Tschachler; Wien
- P128 The lazaroïd tirilazad is a new inhibitor of direct and indirect UV-A induced lipid peroxidation in human dermal fibroblasts.** J. Dissemond, L. A. Schneider, M. Wlaschek, T. C. Brauns, M. Goos, K. Scharffetter-Kochanek; Essen
- P129 SPT: A new screening test for phototoxicity and photoprotection of topical formulations.** S. Ekanayake Mudiyansele, P. Elsner, J. J. Thiele; Jena
- P130 Squalene monohydroperoxides induce apoptosis in HaCaT cells.** W. Oehrl, F. Ogawa, S. Ekanayake Mudiyansele, M. Hamburger, P. Elsner, J. J. Thiele; Jena
- P131 Higher DNA repair efficiency in keratinocytes is mediated through induction of excision repair pathways via p53 and its downstream effectors p48, GADD45, and β -polymerase.** C. Chung, G. Z. Li, B. A. Gilcrest, T. M. Ruenger; Boston
- P132 Photodynamic therapy of HaCaT cells with several photosensitizers.** U. Hipler, A. Radestock, D. Winter, P. Elsner; Jena
- P133 Induction of UVB-mediated tolerance does not only induce regulatory T cells but also T effector cells.** Y. Aragane, A. Maeda, K. Ueno, F. Yamazaki, T. Tezuka, T. Schwarz; Osaka
- P134 Singlet oxygen-induced inhibition of growth factor signaling in dermal fibroblasts.** S. M. Schieke, J. Krutmann, A. Timmer, S. Grether-Beck, H. Sies, N. J. Holbrook, L. O. Klotz; Düsseldorf
- P135 Investigation of the photooxidative reactions following photosensitization with Photofrin® *in vitro*.** K. Scherer, W. Bäumler, C. Abels; Regensburg
- P136 The singlet oxygen generation at different oxygen concentrations.** W. Bäumler, K. Scherer, D. Baumer, M. Maier, R. Engl; Regensburg
- P137 Singlet oxygen proven directly by its luminescence in cells.** K. Scherer, R. Engl, W. Bäumler, H. Stockmeier, S. Habecker, C. Abels, M. Maier; Regensburg
- P138 The Osmolyte Strategy of Human Keratinocytes.** J. Krutmann, U. Warskulat, A. Reinen, S. Grether-Beck, D. Häussinger; Düsseldorf
- P139 Keratin5-Cre/LoxP mediated inactivation of Vascular Endothelial Growth Factor sensitizes Mouse skin to UVB-induced photo-damage.** C. Barresi, H. Rossiter, E. F. Wagner, E. Tschachler; Wien
- P140 Rapid replication arrest in response to psoralen plus ultraviolet A radiation involves ATM and Cdc25A.** C. Joerges, I. Kuntze, T. Herzinger; München

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- P141** Antioxidant treatment modulates UVA-, UVB- or ionising irradiation-induced effects on cell cycle. U. Kerkmann, K. Gilbertz, S. Gaube, B. Przybilla, M. Placzek; München
- P142** Induction of photoaging-associated mitochondrial DNA mutations by repetitive UVB irradiation in normal human keratinocytes. M. Berneburg, T. Gremmel, T. Ruzicka, J. Krutmann; Düsseldorf

Tumorbiologie

- P143** Adhesion Behaviour of Human Keratinocytes is Triggered by Activation of the β 4 Integrin. S. Kippenberger, J. Müller, M. Guschel, R. Kaufmann, A. Bernd; Frankfurt
- P144** C-KIT-expression in primary cutaneous T-cell lymphoma. T. C. Brauns, T. Schultewolter, J. Dissemond, M. Goos; Essen
- P145** Downregulation of CtBP expression in malignant melanomas leads to induction of MIA expression. I. Poser, M. Golob, R. Buettner, A. Bosserhoff; Regensburg
- P146** Expression of Src-Type Tyrosine Kinases in Cutaneous T Cell Lymphoma (CTCL).. U. Döbbling, J. Kamarashev, R. Dummer, G. Burg; Zuerich
- P147** Cell type-specific expression of CD95 ligand in human melanoma cell lines using a tyrosinase-derived promoter. L. F. Fecker, J. Eberle, A. M. Hossini, D. L. Bartlett, C. E. Orfanos, C. C. Geilen; Berlin
- P148** Prognostic value of clinical and immunohistochemical features of Merkel cell carcinoma: a study on 23 cases.. A. Hauschild, M. Kohne, P. Rudolph, M. Tiemann, E. Christophers, M. Weichenthal; Kiel
- P149** Mutations of the BRAF gene in melanocytic skin lesions of various dignity. A. S. Yazdi, G. Palmedo, U. Puchta, M. J. Flaig, H. Kutzner, C. A. Sander; München
- P150** The Role of Transforming Growth Factor β (TGF- β) in Cutaneous Squamous Cell Carcinoma. F. Weber, G. M. Halliday; Innsbruck
- P151** Overexpression of p16^{ink4a} in HPV positive dysplastic keratinocytes of non-melanoma skin cancer. I. Nindl, T. Meyer, C. Ulrich, T. Schmook, R. Arndt, W. Sterry, E. Stockfleth; Berlin
- P152** Description of a novel antigen expressed in activated dermal cells and at the tumor-stroma-border of dermal tumors in situ.. U. Anderegg, M. Sticherling, U. Haustein, A. Saalbach; Leipzig
- P153** Caspase-independent induction of apoptosis by the proapoptotic Bcl-2-related protein Bcl-X_s in human melanoma cell lines. A. M. Hossini, J. Eberle, L. F. Fecker, C. E. Orfanos, C. C. Geilen; Berlin
- P154** Activation of MAGE-3 specific T helper cells from healthy donors and melanoma patients by peptide-loaded and li/MAGE fusion construct transfected dendritic cells.. M. Berg, B. Winzen, N. Koch, T. Bieber, S. Koch; Bonn
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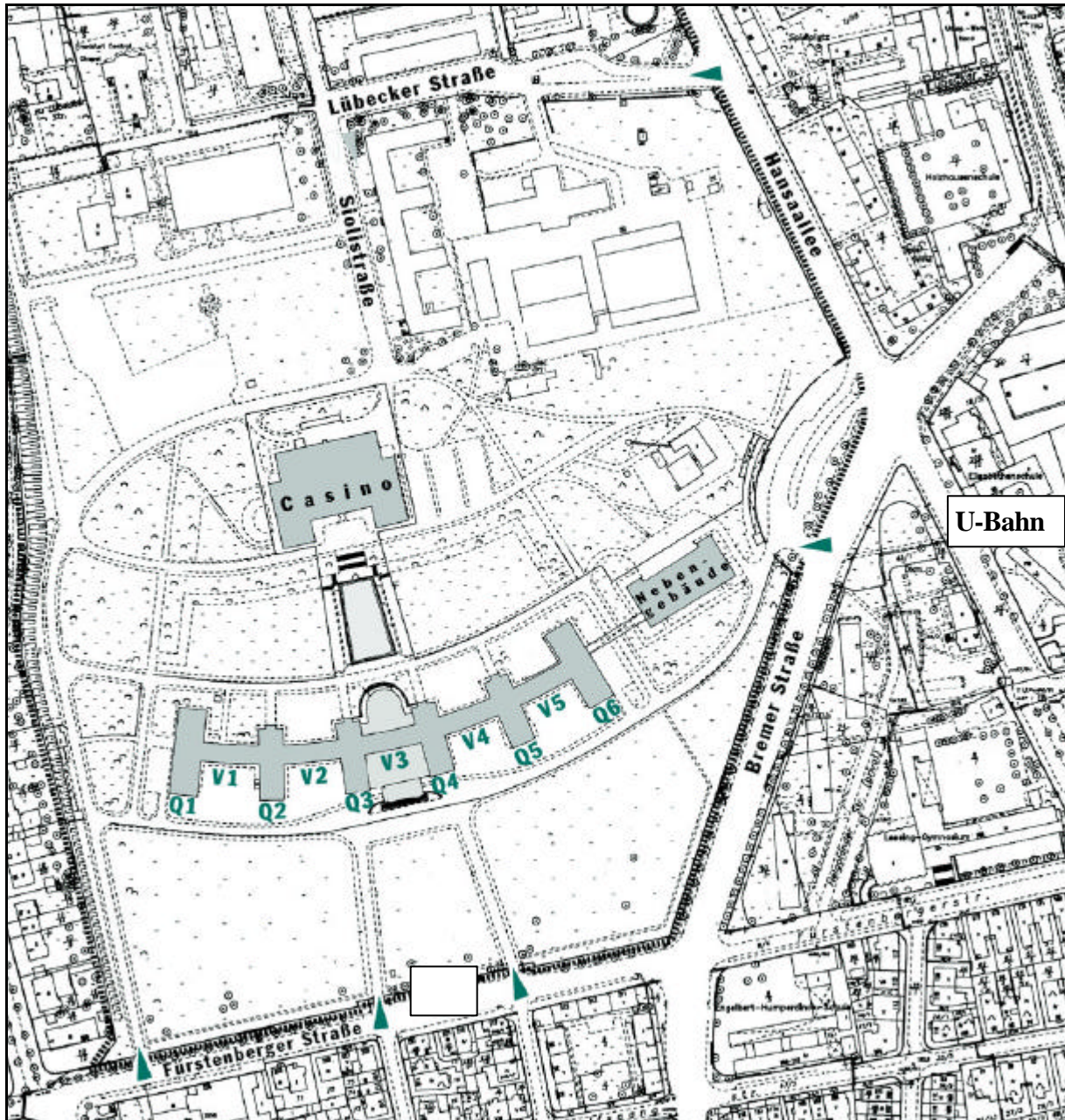
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