



**University Hospital
Zurich**

**Department of Dermatology University Hospital Zurich
Biennial Report 2007 – 2008**



Universität Zürich

Biennial Report 2007 and 2008

1. Assignement of the Department of Dermatology USZ
2. Mission Statement
3. Team
4. Patient Care
5. Public Relations
6. Research Foundations
7. Research
8. Medical Education / Teaching
9. Partners / Sponsors / Collaboration with Industry and Fund Raising
10. Honors and Prizes
11. Previews
12. Publications



Biennial Report 2007 and 2008

Foreword

I am pleased, in the name of the entire Team of our Dermatology Department, to share with you our biennial report for the years 2007 and 2008.

It gives me great pleasure to look back over the previous two years and review the significant accomplishments of our department, faculty and staff.

The years 2007 and 2008 were times of significant reorganisation and change in the department, following the retirement in March 2006 of former chairman Prof Günter Burg, and my nomination to chair the department in October 2006 after a very successful interim management period by Prof Reinhard Dummer. Reform and organisational improvement were absolutely necessary, in order to be well prepared for future challenges in the medical field. The staff of our department has made a variety of important improvements in organisational structure and clinical services during the past two years. These include the implementation of a new participative management structure, the implementation of a new «organigram» composed of distinct clinical divisions «Bereiche» under the responsibility of distinct faculty members. A further priority has been the development of a trustful environment with a constructive error culture, the latter being supported by the implementation of an online critical incident reporting system. To improve patient service in face of over 95'000 patient consultations per year, we have installed a centralised patient registration and appointment system. And last but not least we have implemented measures to decrease the administrative load of work that faces our residents, so that they have more time for our patients and personal medical education.

New clinical activities and structures were also launched during 2007 and 2008, notably the pigmented lesion and skin cancer prevention clinic under the direction of PD Dr Ralph Braun and the inpatient week clinic - that provides short diagnostic work-ups and short therapy possibilities on the E Floor - under the direction of PD Dr Günther Hofbauer.

Our department is devoted to providing sustained leadership in patient care, research and education in the fields of dermatology, venerology and allergology. Our faculty and staff particularly honour their educational commitment to medical and nursing students, to residents in dermatology training, and to postgraduate teaching for established specialists in dermatology and allergology. Under my direction and that of PD Dr Peter Schmid, and in collaboration with over 14 faculty members and external private physicians or colleagues, we currently provide pregraduate dermatology training to over 200 students yearly in the 3rd, 4th, 5th and 6th year of medical education. We also host over 50 medical students per year for 1 – 4 months of practical training in the clinic. This offer and the professionalism of faculty members teaching is particularly appreciated by students in Switzerland and within Europe, approximately 50% of the students originating from Universities outside of Switzerland. 22 residents are currently performing their 5 years of specialised dermatology training in our clinic, an activity that is essential for maintaining high quality patient care in dermatology in Switzerland. In 2007 and 2008 we have significantly developed our postgraduate and continuing medical education program, offering over 12 CME events and grand rounds per year, many of which attract 180 – 200 participants. Furthermore we have added a dermatology update series to our postgraduate teaching, with the aim of providing a further platform for case presentations, short updates, and an overview of important publications in dermatology via our journal club.

The main academic focus of our department is dermato-oncology, immuno-dermatology, and allergology. In experimental as well as clinical research 2007 and 2008 were extremely



successful years. The innovative character of the research produced by our highly productive research team of over 50 scientists and clinician-scientists is illustrated by several high impact publications including an article concerning the mechanism of development of psoriasis in Nature Medicine in 2007, and the strong rise in the departments cumulative impact factor between 2006 and 2008. Accumulated impact factor measures the quantity and quality of research, and its progression from 190 points in 2006 to 355 in 2008, positions us among the leading academic dermatology departments in the world. Our department sets a high priority for clinical research too. This is the best way to ensure that our patients with difficult to treat diseases receive the best level of therapy in the future. Currently over 45 clinical trials are ongoing in the department, corresponding to over 20% of all studies performed at the Zurich University Hospital. It is our objective to continue strengthening our research activities, and to this end, 3 residents with academic potential were sent for fellowships abroad. We hope that such initiatives and the future establishment of endowed professorships will enable us to remain at the forefront of research and development in our field.

We are very happy and grateful for the continuous support and confidence that the hospital direction, the medical faculty of the University of Zurich, referring hospitals and referring physicians give us, and are confident that we can further develop this constructive collaboration.

I thank you for taking the time to review this report, which documents 2 years of wonderful contributions achieved by the faculty and staff of the department of dermatology of the University of Zurich.

In the name of the department of dermatology of the Zurich University Hospital,

Yours sincerely

Prof Lars E. French
Chairman



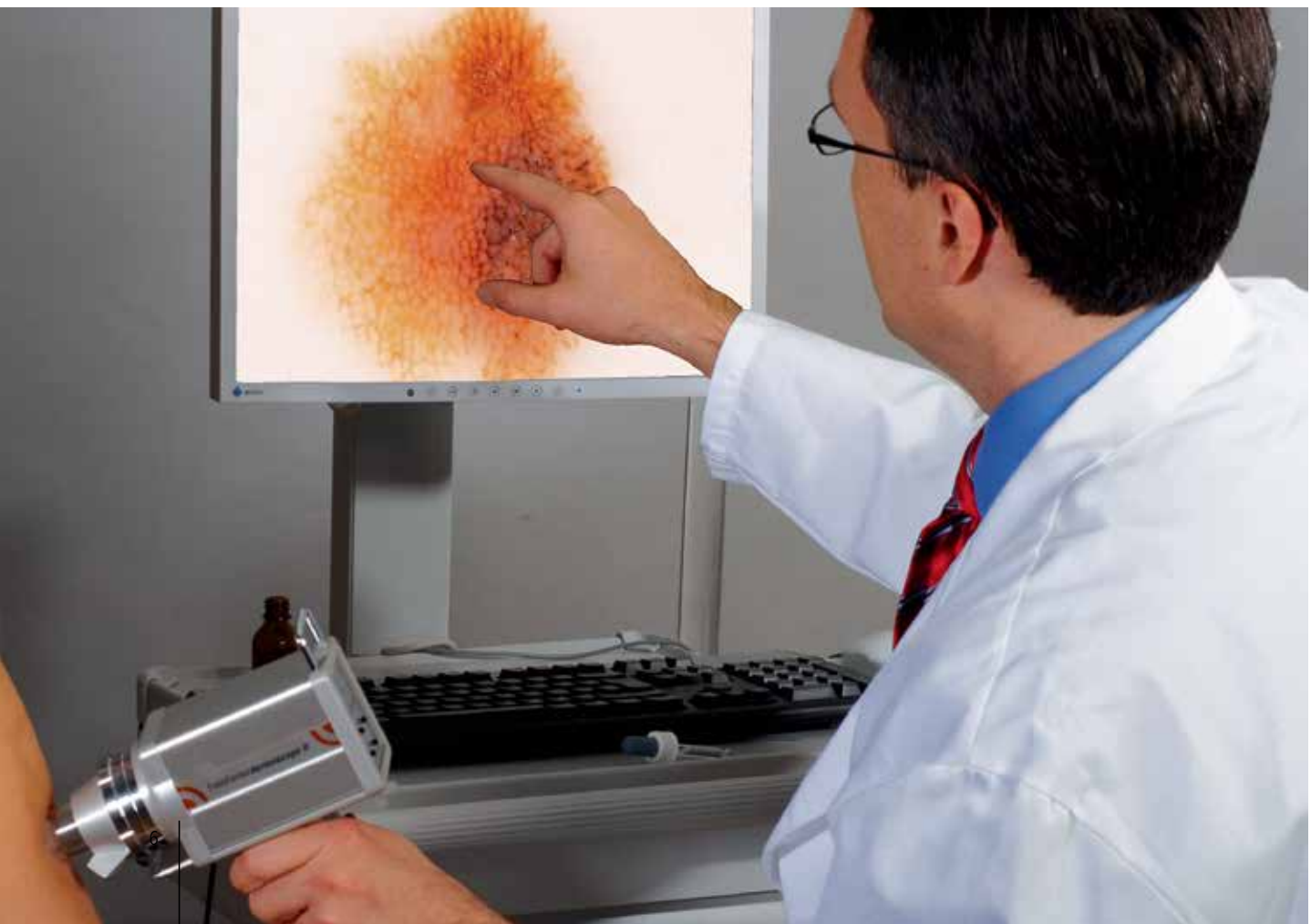
1. Assignment of the Department of Dermatology USZ

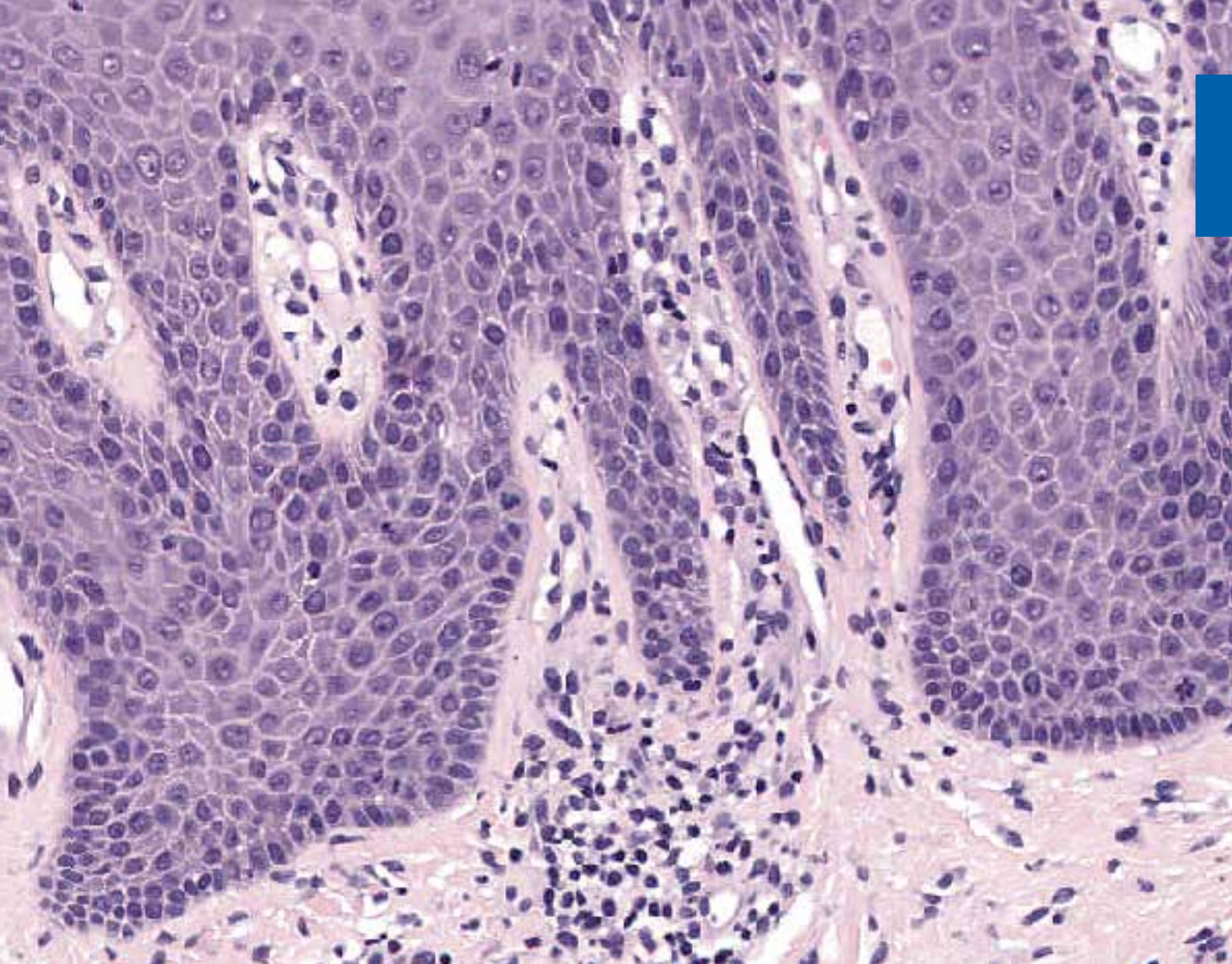
The Department of Dermatology of the Zurich University Hospital is devoted to provide sustained leadership in research, patient care and education in the fields of dermatology, venerology and allergology.

Our nationally and internationally recognized Department includes centers of excellence for skin cancer, inflammatory and allergic skin diseases and dermatological surgery. Within a team of 37 specialized physicians we offer high-level patient care in all areas of dermatology, venerology and allergology in the context of our large out-patient ambulatory care clinic (Dermatologische Poliklinik), our inpatient dermatology service, our day care unit, and tertiary care referral clinics in a large number of specialty areas. These include: melanoma and difficult pigmented lesions, non-melanoma skin cancers, cutaneous lymphoma, bullous and autoimmune skin disease, medical dermatology, psoriasis, hair and scalp disease, occupational and contact dermatitis, dermatologic surgery, dermatopathology, and physical therapies (phototherapy, radiotherapy and laser therapy).

Our research activities are focussed on basic and translational research with relevance to skin disease, focussing on skin cancer and inflammatory skin disease. The remarkable success of our research groups is reflected by regular high level publications and a high cumulative yearly impact factor. Collaboration and networking with talented scientists and research groups within the University of Zurich, the ETH, collaborative networks such as the Zurich Cancer network, and other leading European Dermatology Centers has amplified our research activities.

Education is the third principle field of activity of our Department - in the past few years, our Department has focussed its resources on pre- and post-graduate training as well as on the development and maintenance of an innovative internet-based pre-graduate learning tool– DOIT (Dermatology Online with Interactive Technology). In the coming years this program will be further developed into a European platform for online post-graduate education including online continuing medical education.





2. Mission Statement

The top priorities of the Department of Dermatology USZ – in close collaboration with other clinics and institutes of the USZ – are:

- to offer high quality individualized diagnosis and therapy of skin disease, as well as patient education in skin care and prevention of skin disease
- to provide a high level of teaching and training in dermatology at the pre- and post-graduate level
- to perform innovative basic and clinical research with the ultimate aim of contributing to improved patient-care

- to foster constructive collaboration and networks with private practitioners as well as primary and secondary institutional care providers

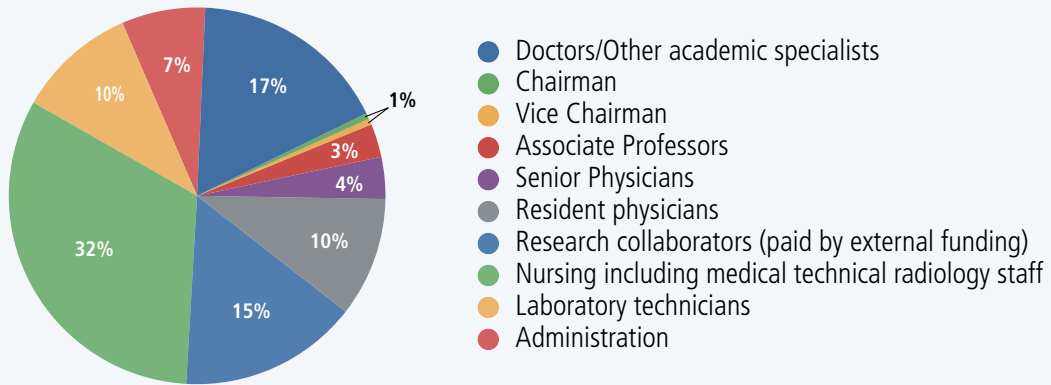
By fulfilling this mission we aim to position our department among the leading Dermatology Departments in Europe.

3. Team

The department of Dermatology has a staff of 160 people – including medical doctors, nursing staff, medical technical staff, laboratory staff, administrative staff, and 30 research collaborators.

Routinely, our Department hosts fellows and guests from abroad within its clinical and research activities.

Staffing levels in 2008 according to occupation



Medical staff



Team of nursing staff



Team of secretaries/personal assistants



**BOARD OF DIRECTORS
DEPARTMENT OF DERMATOLOGY**

Chairman



Prof Dr med
Lars E. French

Vice-Chair

Dermatooncology /
Clinical Research /
Physical Therapies



Prof Dr med
Reinhard Dummer

Director of Nursing



Tina Plötz

Clinical Manager



Catherine Frey-Blanc

**MEDICAL FACULTY
DEPARTMENT OF DERMATOLOGY**

«Leitende Ärzte/innen»



«Oberärzte/innen»



4. Patient Care

In the Swiss Health Service, inpatient dermatology is virtually exclusively available at the five university hospitals. In contrast, ambulatory care is offered both in the private sector and the public setting of university hospitals.

As the largest academic dermatology center in Switzerland, the Department of Dermatology at the University of Zurich offers an in-patient medical care for complex and rare skin problems. In addition we provide the most extensive spectrum of out-patient services including highly specialized consultations. Our department benefits from a large area referral base for these specialized activities as well as its own on-site histopathology laboratory.

Out-patient unit

In the general dermatology out-patient unit our teams mainly treat acute skin disorders and emergency cases mostly allergies, inflammatory disorders of the skin and skin infections. The most frequently treated skin diseases are eczema, psoriasis, «naevi» (moles), pigment disorders such as vitiligo, skin cancer and its precursors, as well as bacterial, viral or fungal skin infections.

In addition to our general dermatology outpatient service, our patients with specific skin diseases also have access to a number of specialized out-patient clinics:

- **Pigmented lesion clinic & skin cancer prevention:** In this consultation that runs under the direction of PD Dr R. Braun, the latest high tech equipment (confocal microscopy, skin surface videomicroscopy, dermoscopy, total body imaging) is used for the early detection of melanoma.
- **Skin cancer unit (oncology):** this consultation under the direction of Prof R Dummer offers patients with skin cancer of different types (melanoma, lymphoma, squamous cell carcinoma of the skin, basal cell carcinoma and others) highly professionalized treatment and follow-up. A broad variety of treatments are available through this specialized and multidisciplinary consultation, including: surgical interventions, physical treatment with special light sources or radiotherapy, topical immunomodulatory treatments and chemotherapy. For patients with lymphoma, basal cell carcinomas and metastatic melanoma, several innovative therapies within the context of clinical trials are available.
- **Autoimmune skin diseases:** in this specialized consultation piloted by Prof R Trueb, patients with diseases due to an overactive immune response and associated skin symptoms

(autoimmune bullous diseases, dermatomyositis, scleroderma, lupus and others) benefit from expert advice, therapy and follow-up in a multidisciplinary setting.

- **Hair disorders (Trichology):** This consultation is directed by Prof R Trueb who is internationally renowned for his expertise in this field, offering patients with complex hair disorders innovative treatment modalities.
- **Pediatric dermatology;** a dermatologic consultation service specialized for children and childhood skin disease, that is ran in close collaboration with a board-certified pediatrician in our Department and the Childrens Hospital of the University of Zurich.
- **Psoriasis:** The management of this frequent skin disease has benefitted from the recent development of several new targeted medications – so-called “biologics”. Within this specialized consultation under the direction of Prof R Trueb, patients can profit from the interdisciplinary nature of our expertise, our close collaboration with the Department of Rheumatology, our large panel of treatment modalities and innovative clinical trials.
- **Acne:** Our medical team under the direction of senior physician Dr S Läubli (Oberarzt) offers – together with a dermatocosmetology specialist – expert advice in the management of acne and its cosmetic consequences.
- **Chronic wounds:** Patients with chronic venous leg wounds (ulcers), diabetic wounds, and ischemic arterial wounds amongst others have access in this consultation to a team of specialized nurses and MD’s under the direction of Prof J Hafner, a double board-certified (Dermatology & Angiology) expert in the field.
- **Specialized consultations** are also regularly held for hyperhidrosis, phlebology, urticaria and sexually transmitted diseases and proctology.



Allergology Unit

The allergology unit of our department is a European certified (GALEN) center of excellence specialized in the diagnosis and treatment of acute and chronic allergic disease. Managed by PD Dr P Schmid and Prof B Ballmer-Weber, our allergy unit has developed a special focus on skin allergy, food allergy, drug allergy and desensitization protocols (specific immunotherapy), for example for life-threatening insect sting allergies.

Physical treatment unit – including irradiation-, phototherapy & laser unit

The department is equipped with the latest physical therapy technologies, including UVA1 devices and laser systems. Recently, a modern X ray devices for superficial irradiation therapy have been purchased to help to continue the long standing tradition of this tolerated treatment option that is typically applied for epithelial tumors in advanced age amongst others.



Day Care Clinics

Our day care clinic under the direction of PD Dr G Hofbauer provides a unique setting for the ambulatory provision

of complex dermatological and/or systemic therapy by specialized medical and nursing staff. Sequential treatments regimens under conditions of optimal compliance are frequently performed in this setting for our patients with psoriasis and other autoimmune diseases, eczema, and infectious skin diseases for example. Extracorporeal photopheresis, an immunomodulatory treatment for organ transplant recipients suffering organ rejection, and for cutaneous lymphoma patients is performed daily with our two photopheresis units in the day care clinic.

Surgery Unit

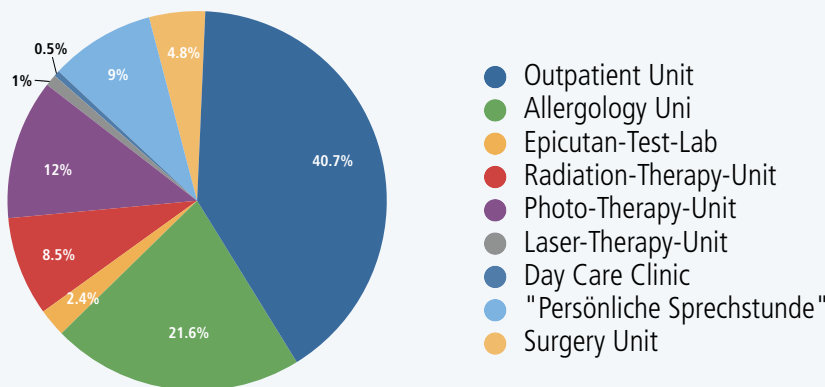
Our surgical unit and its experienced team of dermatological surgeons (Dr med S Läubli and Prof J Hafner) have developed a renown activity in general dermatological surgery with a focus on skin cancer surgery and chronic wound surgery. Innovative techniques such as micrographic surgery (MOHS) for complex skin cancer cases, ablative laser treatments, or fibrotic tissue shaving and skin transplantation for complex wounds are regularly performed with a high level of patient satisfaction in this unit.

In-patient units D1, D2 & E2 (36 beds; of which 10 runned as «Wochenklinik» – Monday-Friday)

In our in-patient setting patients with severe inflammatory skin diseases (generalized eczema, psoriasis, autoimmune disorders), severe infectious skin disease, complex chronic wounds especially after a surgical intervention, and skin cancer patients

	2006	2007	Δ 2006 %	2008	Δ 2007 %
Out-patients consultations	83'473	95'037	13.9 %	99'140	4.3%

Consultations out patient-setting 2008



requiring surgery or chemotherapy benefit of round the clock specialized care. The multidisciplinary nature of the medical and nursing team, the size and patient-flow, as well as the expertise of the senior medical staff responsible for the in-patient units (Prof L French, Prof R Dummer, Prof J Hafner, PD Dr G Hofbauer) make this an in-patient unit that is unique in its kind in Switzerland.

To be in line with an upcoming medical trend in dermatology, we reorganised part of the in-patient unit in 2007 so as to offer a «week-clinic» in which ten beds are solely operated from Monday to Friday. Our week-clinic matches the medical needs of a significant subset of our patients and referring physicians (intermittent in-patient care, short diagnostic work-ups, short in patient therapy) and is associated with a significant reduction in our overall mean length of inpatient hospital stay (7.9 days in 2007), but a higher workload for the staff due the high «patient turnover» and limited time-frame for diagnosis and care.

Nursing



The main task of our nursing team is the care for patients suffering from oncologic diseases, chronic wounds and from severe autoimmune or allergic diseases – throughout all phases of the illness. Palliative care is also an important element of the spectrum of these responsibilities. Continuing nursing education in this challenging field assures the required highly professional experience and competence of the team.

The nursing team is involved in various developments

- Collaboration with the Institute of Sonderpädagogie of Zurich University: Establishing a tool to measure quality of life
- Collaboration with the ETH Zurich: Conception and evaluation of a tool to register and document pain via pressure of the hands on to a artificial membrane
- Another project focuses on developing a training concepts for elastic compression therapy for patients suffering from chronic leg ulcers

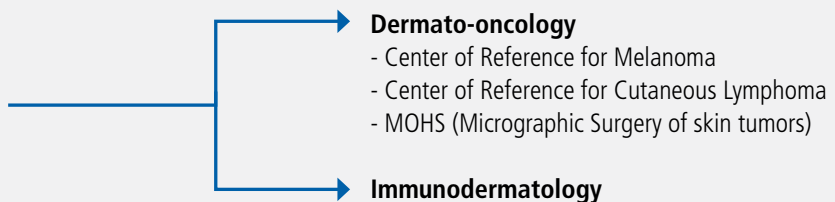
In order to manage the continuing raising medical challenges regular intensive trainings on medical and nursing know-how are indispensable. Monthly clinic intern case report session as well as involvement in training activities of the Swiss Nursing Group Dermatology guarantees to maintain the presently high standard of quality of our nursing team (e.g. collaboration with «Wundexperten»).

Since several years the Department of Dermatology runs a CIRS (Critical Incident Reporting System) to ensure ambitious quality requirements.

As a multi-professional nursing team, it is our goal to help to build up a highly professional clinical and patient-oriented care in Dermatology. Therefore, we offer consulting to other care disciplines within the USZ and beyond.

Dermatopathology

Essential for quality the main focus of our clinical activities



Dermato-oncology

- Center of Reference for Melanoma
- Center of Reference for Cutaneous Lymphoma
- MOHS (Micrographic Surgery of skin tumors)

Immunodermatology

Statistics: Number of biopsies per year since 2006

	2006	2007	Δ 2006 %	2008	Δ 2008 %
Biopsies	14'578	16'979	+ 16 %	20'042	+ 19.6 %

Laboratory setting

The laboratory setting of the department includes fully equipped dermatopathology, allergology, mycology, serology/venerology and research laboratories.

As an essential tool for dermatological diagnosis and quality of patient care, our dermatopathology lab supervised by Prof R Dummer seconded by two senior dermatopathologists that are board-certified clinicians and dermatopathologists (Dr J Kamarascev, Dr K Kerl) performs histological diagnosis of approximately 19'000 skin biopsy samples per year. The importance of this laboratory is reflected by constantly rising referrals.

Interdisciplinarity within USZ

Several dermatologic disorders are associated with significant disease of other vital organs. Therefore intensive collaboration with other medical and surgical disciplines within the university hospital is daily practice.



Key Financial Figures

	2008	2007
Revenues (medical services)	26.4 Mio CHF	23.4 Mio CHF
Consultations out-patient setting	99'000	95'000
Patient entries in in-patient setting	1'236 (therof 25% privately insured patients)	1'143
Duration of stay	7,8 days	7.9 days
Occupation of inpatient beds (percent)	87%	85.6 %
Employees (full-time equivalents) (therof 27 financed by third party funds)	160	160

5. Public Relations



We maintain regular and active information exchange with the public and private practitioners. Several communication channels are commonly used for this purpose and include interviews/commentaries in local and regional newspapers, regularly updated information and news on our website www.dermatologie.usz.ch, and a regular newsletter - in collaboration with the Zurich Dermatology Society - of «DermaZH».

In line with our focus on excellence in skin cancers, skin cancer prevention and early detection of skin cancer is a clear priority. High level prevention and early detection of skin cancer requires the transfer of information to the population and a continuous education effort for the population and physicians. In collaboration with the Swiss cancer league, regional cancer leagues, and the Swiss Society for Dermatology and Venerology we prepare and distribute printed and electronic information concerning skin cancer prevention and organise public events such as the yearly melanoma Monday (free melanoma screening day). Accordingly, the allergy department organizes «teaching evenings» for parents of children suffering from atopic eczema (neurodermitis) together with AHA (the Swiss patient organisation for atopic diseases).

6. Research Foundations

Our department promotes two charitable foundations aiming to support patient related high quality research:

- The **Bruno Bloch Stiftung** – founded in 1935 by the widow of Prof Bruno Bloch, Chairman of the Zurich Dermatology Department between 1916 and 1933; it supports skin research and education activities specifically in relation to the department of dermatology of the university of Zurich including research on chronic and severe skin diseases such as severe inflammatory illnesses and skin cancer.



- The **Association for Research of the Cancer of the Skin** (Verein für Hautkrebsforschung) [www.skincancer.ch] – founded in 2004 – aiming to coordinate and stimulate skin cancer research in Switzerland by supporting research in rare and severe forms of skin cancer (e.g. melanoma, cutaneous lymphoma). The board consists of several chairmen of Departments of Dermatology in Switzerland; it is currently chaired by Prof R Dummer. The current goal is to generate support for a professorship.

7. Research

Our aims for patient care such as the improvement of the quality of our services are critically dependent on innovation and thus research. Our department is committed to a high level of research in dermatology, and our achievement in this field - as judged by the cumulative impact factor for 2008 (355) – positions us amongst the leading Departments in the field.

The research activities of the Department of Dermatology are primarily focussed on basic, translational (patient-oriented), and clinical research in:

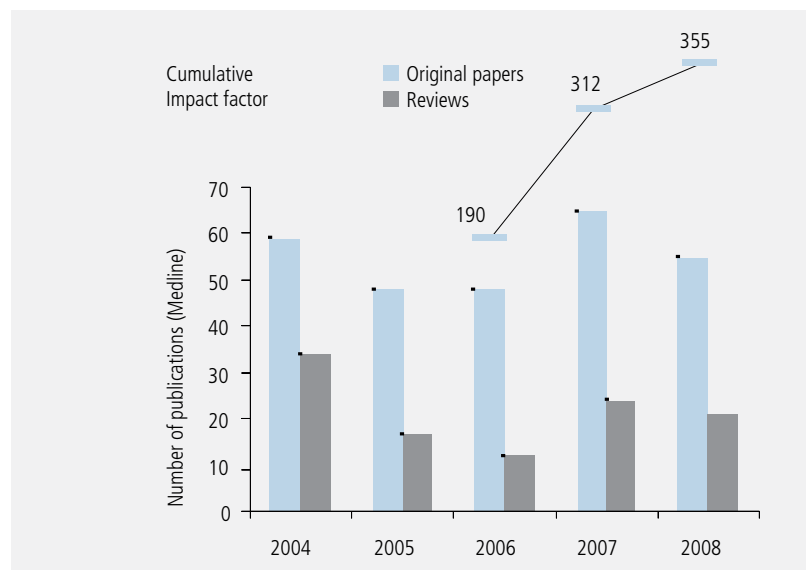
- dermatology, concentration on pathogenesis, early diagnosis and molecular targeted treatment of skin cancer, particularly on melanoma, cutaneous lymphoma, and non-melanoma skin cancers.
- immunodermatology, especially innate immunity and T-cell biology in inflammatory skin diseases, notably psoriasis including the clinical study of targeted therapies, and severe allergic adverse drug reactions
- allergology, emphasizing on drug and food allergies, and specific immunotherapy

Key Figures and Highlights

- Currently 47 ongoing clinical trials of new therapeutic approaches in skin disease – corresponding to over 20% of all studies performed at the USZ
- 55 original and 21 review articles published in peer-reviewed journals in 2008
- Several high impact publications in the interdisciplinary journals
- Conrad C et al.; Alpha1beta1 is crucial for accumulation of epidermal T cells and the development of psoriasis. Nat. Med 2007 Jul; 13(7):836-42
- Urošević M et al.; Type I IFN innate immune response to adenovirus-mediated IFN-gamma gene transfer contributes to the regression of cutaneous lymphomas, J. Clin. Invest. 117: 2834-2846 (2007)
- Hoek K et al.; In vivo switching of human melanoma cells between proliferative and invasive states. Cancer Res. 2008;68:650-6
- New intellectual property: in the last three years 4 patent applications have been submitted/registered. Promotion of academic renewal: 3 young clinician-scientists from our Department are currently performing fellowships in leading academic centers in the United States.

Aim of our research activities

- promote high quality research with clinical relevance in the defined above mentioned fields of focus
- intensive networking and collaboration with other institutes and departments at the Zurich University and ETH, as well as through active participation in networks such as the «cancer network Zurich»
- support fellowships abroad in excellent research institutions of the Swiss National Science Foundation (incl. SCORE A career development awards or SNF professorships)
- two endowed professorships in our Department in inflammatory skin disease and skin cancer research respectively, with the aim of recruiting or retaining leaders in these research fields to our department



Research Groups



Group Members
Prof Barbara Ballmer-Weber
(group leader)

Dr med Christoph Metzler
Dr med Peter Bures
Dr med Stefanie Christensen
Irène Cuhat

Main Fields of Research

Our research activities are focused on food allergy, in particular pollen related food allergy. We are particularly involved into the identification and molecular characterisation of important cross-reactive allergens, and the development of diagnostic and therapeutic methods based on recombinant allergens. Another important aspect of our research activity is risk assessment in food allergy in regard to genetic modified foods/novel foods but also threshold doses (minimal allergen doses to induce an allergic reaction) of plant and animal food allergens.

Selected References

Gubesch M, Theler B, Dutta M, Baumer B, Mathis A, Holzhauser T, Vieths S, Ballmer-Weber BK. Allergenic potential of novel food: clinical and molecular investigation of exotic vegetables (water spinach, hyacinth bean and Ethiopian eggplant). *Allergy* 2007, 62: 1243-50
Ballmer-Weber BK, Holzhauser T, Scibilia J, Mittag D, Zisa G, Ortolani C, Poulsen LK, Vieths S, Bindslev-Jensen C. Soybean allergy in Europe. *J Allergy Clin Immunol* 2007; 119: 1489-1496.



Group Members
Dr sc nat Philipp P Bosshard
(group leader)

Main Fields of Research

Our research activities focus on (i) sexually transmitted diseases (e.g. development and evaluation of molecular methods for etiologic diagnosis), (ii) fungal infections (e.g. optimization of diagnostic procedures)

Selected References

Ciarlo D.E., Schär G., Altwegg M., Böttger E.C., Bosshard P.P. (2007) Identification of moulds in the diagnostic laboratory – an algorithm implementing molecular and phenotypic methods. *Diagn. Microbiol. Infect. Dis.* 59:49-60.
Ciarlo D.E., Schär G., Böttger E.C., Altwegg M., Bosshard P.P. (2006) Internal transcribed spacer sequencing versus biochemical profiling for identification of medically important yeasts. *J. Clin. Microbiol.* 44(1):77-84.
Bosshard P.P., Kronenberg A., Zbinden R., Rued C., Böttger E.C., Altwegg M. (2003) Etiologic diagnosis of infective endocarditis by broad-range polymerase chain reaction: a 3-year experience. *Clin. Infect. Dis.* 37(2):167-712.





Group Members
PD Dr Ralph Braun (group leader)

Dr med Isabelle Kolm

Main Fields of Research

Our main interest is non invasive diagnosis of skin cancer especially malignant melanoma. We use established techniques such as dermoscopy as well as new techniques in vivo laser scanning microscopy, dermoscopy. Due to different international research collaborations our patients benefit directly from the latest technological developments. Detecting skin cancer especially melanoma at early stages offers an unique opportunity because if diagnosed early enough skin cancer can be cured.

Selected References

Braun, R.P., et al., Diagnosis and management of nail pigmentations. *J Am Acad Dermatol*, 2007. 56(5): p. 835-47.
 Braun, R.P., et al., The significance of multiple blue-grey dots (granularity) for the dermoscopic diagnosis of melanoma. *Br J Dermatol*, 2007. 157(5): p. 907-13.
 Braun, R.P., et al., Histopathologic correlation in dermoscopy: a micropunch technique. *Arch Dermatol*, 2003. 139(3): p. 349-51.



Group Members
PD Dr med + Dr sc nat Antonio Cozzio (group leader)

Dr med Joanna Mangana
 Mirka Schmid

Main Fields of Research

Cancer stem cells represent an emerging field for cancer research because of the increasing evidence that such cells, even though rare within a tumor, have the capacity to sustain tumor formation and regeneration. Both Melanoma and Merkel cell carcinoma are derived from cells with neurocrest origin, i.e. the melanocytes and Merkel cells. We are addressing the presence of cancer cells with neural crest stem cell features in these tumours (Collaboration with R. Dummer, MD, Dermatology, Zurich). Sézary syndrome is a subgroup of cutaneous T cell lymphoma with leukaemic features and a poor prognosis. In analogy to the above-mentioned project, we are trying to define population subsets with diverse biologic properties (e.g. in terms of self renewal capacity).

Selected References

Primary cutaneous B-cell lymphomas - clinicopathological, prognostic and therapeutic characterisation of 54 cases according to the WHO-EORTC classification and the ISCL/EORTC TNM classification system for primary cutaneous lymphomas other than mycosis fungoides and Sezary syndrome. *Leuk Lymphoma*. 2008 Jun;49(6):1094-103.
 Similar MLL-associated leukemias arising from self-renewing stem cells and short-lived myeloid progenitors. *Genes Dev*. 2003 Dec 15;17(24):3029-35.



Group Members
Prof Reinhard Dummer (group leader)

Marjam Barysch, MD
 Christa Dudli, Technician
 Ossia Eichhoff, Ph.D. Student
 Keith Hoek, Postdoc
 Simone Goldinger, MD
 Maria Karpova, Postdoc
 Elisabeth Laine, Technician
 Eva Sailer, MD
 Marie Zipser, MD
 Daniel Widmer, Ph.D. Student

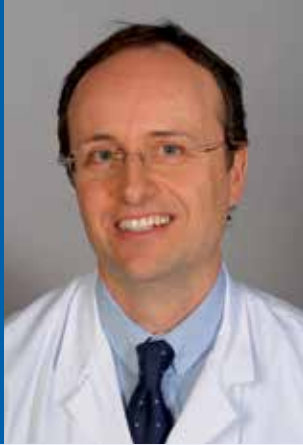
Main Fields of Research

We have intensively studied the immune biology of cutaneous lymphomas, cutaneous melanoma and epithelial skin cancers. Based on the microenvironment of these tumors, we have established immune interventions in cell cultures and animal models. Translational research applies this new knowledge to our patients in order to provide effective treatment with best quality of life.

Selected References

Hoek K, Eichhoff O, Schlegel N, Döbbling U, Kobert N, Schaerer L, Hemmi S, Dummer R. In vivo switching of human melanoma cells between proliferative and invasive states. *Cancer Research* 2008;68:650-56
 Urošević M, Fujii K, Calmels B, Laine E, Kobert N, Acres B, Dummer R. Type I IFN innate immune response to adenovirus-mediated IFN-gamma gene transfer contributes to the regression of cutaneous lymphomas. *J Clin Invest*. 2007 Oct;117(10):2834-46
 Eggermont AM, Suci S, Santinami M, Testori A, Kruit WH, Marsden J, Punt CJ, Salès F, Gore M, Mackie R, Kusic Z, Dummer R, Hauschild A, Musat E, Spatz A, Keilholz U; EORTC Melanoma Group. Adjuvant therapy with pegylated interferon alfa-2b versus observation alone in resected stage III melanoma: final results of EORTC 18991, a randomised phase III trial. *Lancet* 2008;372:117-26





Group Members
Prof Lars E French (group leader)

Dr Emmanuel Contassot (PI, PhD)
 Dr Magdalena Kistowska, PhD
 Gehrke Samuel, PhD student
 Marianne Spalinger, technician
 Maria-Jesus Pena-Rodriguez, technician
 Nikita Kobert, technician

Main Fields of Research

Our group is focussed on understanding the role of death receptor-mediated apoptosis, as well as danger- and pathogen sensing via the IL-1 β -processing inflammasome platform in the pathogenesis of inflammatory skin disease and skin cancer.

Our current research projects include: 1) the study of the role of inflammasome in skin cancer and graft versus host disease; 2) the study of the mechanisms of apoptosis resistance in cutaneous T cell lymphoma; and 3) the study of the pathways leading to keratinocyte cell death in severe adverse cutaneous drug reactions.

Selected References

Watanabe H, Gehrke S, Contassot E, Roques S, Tschopp J, Friedmann PS, French LE, Gaide O. Danger Signaling through the Inflammasome Acts as a Master Switch between Tolerance and Sensitization. *J Immunol.* 180:5826, 2008
 Contassot E, Kerl K, Roques S, Shane R, Gaide O, Dupuis M, Rook AH, French LE. Resistance to FasL and TRAIL-mediated apoptosis in Sezary syndrome T-cells associated with impaired death receptor and cFLIP expression. *Blood* 111:4780, 2008.
 Watanabe H, Gaide O, Pétrilli V, Martinon F, Contassot E, Roques S, Kummer JA, Tschopp J, French LE. Activation of the IL-1 β -processing inflammasome is involved in contact hypersensitivity. *J Invest Dermatol.* 127:1956, 2007.



Group Members
PD Dr med Günther Hofbauer (group leader)

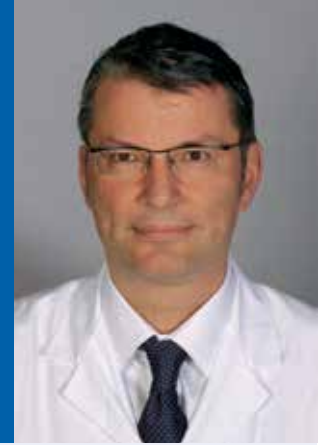
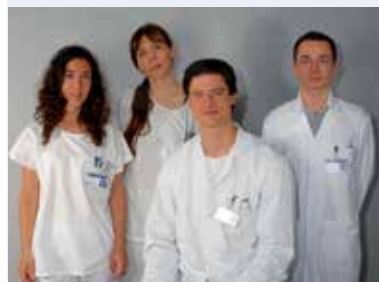
Dr rer.nat. Guergana Iotzova
 Piotr Dzyunicz, medpract.
 Irene Fleckenstein

Main Fields of Research

Our research activities are focused on squamous cell carcinoma of the skin. We have a special interest in organ transplant recipients as a high risk population for the development of squamous cell carcinoma of the skin stemming from the combined effects of immunosuppression and ultraviolet light. Our research is thus focused on inflammation fighting the or contributing to the cutaneous carcinogenesis as well as on the role of UV damage in particular in conjunction with medication.

Selected References

Mühleisen B, Schaefer L, Dummer R, Burg G, Hofbauer GF. Cancer/testis antigen MAGE-A4 expression pattern differs in epithelial skin tumors of organ-transplant recipients and immunocompetent patients. *J Cutan Pathol.* 2007 Jan;34(1):1-6.
 Hofbauer GF, Marcollo-Pini A, Corsenca A, Kistler AD, French LE, Wüthrich RP, Serra AL. The mTOR inhibitor rapamycin significantly improves facial angiofibroma lesions in a patient with tuberous sclerosis. *Br J Dermatol.* 2008 Jun 11.



Group Members
PD Dr med Thomas Kündig (group leader)

PD Dr Udo Döbbeling
 Dr Pål Johansen
 Dr Andreas Weiss
 Dr Daniela Kuster
 Dr Nicole Graf

Dr Seraina von Moos
 Dr Julia Martinez-Gomez
 Antonia Fettelschoss
 Anke Sichelstiel
 Marianne Schulz

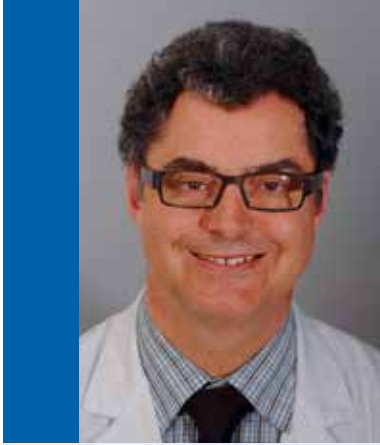
Main Fields of Research

We focus on immunotherapy and vaccination against chronic disease including inflammatory disorders, cancer and allergies. It is our goal to translate basic research into preclinical animal models and then to launch and perform a clinical development program. For this purpose we are closely collaborating with the Center for Clinical Trials and the biopharmaceutical industry.

Selected References

P Johansen et al. Antigen kinetics determines immune reactivity. *Proc Natl Acad Sci U S A.* 2008
 JM Martinez-Gomez et al. Modular Antigen Translocation Allergy Vaccines Enhance Immunotherapy *Allergy* 2009; 64:172-178.





Name of the Group Leader
PD Dr med Schmid-Grendelmeier

Name of the Institution

Allergy unit, Dept. of Dermatology, University Hospital of Zurich

Group Members

Dr med Christian Bull
Dr med Tina Gottschaller
Dr med Meike Distel
Sabine Zeller, PhD student (SIAF Davos)
Suzanne Marti-Wyss

Main Field of Research

The main fields of our research are

- the elucidation of the molecular and immunologic mechanisms underlying atopic dermatitis, especially autoimmune phenomena due to molecular mimicry with microbes including also tropical settings
- improved methods of allergen-specific immunotherapy
- the establishment of new treatment modalities for mastocytosis and C1-Inhibitor-deficiency
- the interaction between pollution and prevalence of atopic diseases within the SAPALDIA cohort (Swiss Study on Air Pollution and Lung Diseases in Adults)

Selected References

Fischer Casagrande BF, Flückiger S, Linder MT, Johansson C, Scheynus A, Cramer R, Schmid-Grendelmeier P. Sensitization to the yeast *Malassezia Symptodialis* is specific for extrinsic and intrinsic atopic eczema. *J Invest Dermatol.* 2006;126:2414-21
Zeller S, Rhyner C, Meyer N, Schmid-Grendelmeier P, Cramer R. Exploring the repertoire of IgE-binding self-antigens associated with atopic eczema. *J Allergy Clin Immunol* 2009;124:278-85



Group Members
Prof Ralph M Trüeb
(Group Leader)

Dr med Barbara Heidecker,
Dr med Alexander Navarini
Dr med Barbara Theler

Main Fields of Research

Our research activities are focused on clinical trials with biologics in the treatment of psoriasis and for dermatologic off-label indications; the study of autoimmune diseases (collagen vascular diseases, autoimmune bullous diseases, vasculitis) with a special interest in novel diagnostic procedures and treatment strategies; and the study of hair and hair disorders, with a particular interest in inflammatory phenomena, diffuse hair loss in women, environmental factors, hair care, patient expectation management, hair aging and anti-aging.

Selected References

Bregy A, Trüeb RM. No association between serum ferritin levels >10 microg/l and hair loss activity in women. *Dermatology.* 2008;217:1-6.
Van Neste D, Trueb RM. Critical study of hair growth analysis with computer-assisted methods. *J Eur Acad Dermatol Venereol.* 2006;20:578-83.
Schaerer L, Trueb RM. Direct immunofluorescence of plucked hair in pemphigus. *Arch Dermatol.* 2003;139:228-9.
Trueb R, Brown G, Van Huffel C et al. Expression of an adenovirally encoded lymphotoxin-beta inhibitor prevents clearance of *Listeria monocytogenes* in mice. *J Inflamm.* 1995;45:239-47.





8. Medical Education / Teaching

Medical education is crucial to guarantee a high level of professionalism of physicians and other health care professions. Our continued implication in education is reflected by

1. Education of students in the medical faculty of the university
2. Specialty Training in Dermatology of resident physicians for board-certification in «Dermatology», and in «Allergology and Immunology» for residents board certifying in allergology and clinical immunology
3. Continuing medical education of private practitioners – mainly dermatologists and allergologists, but also general practitioners and to a lesser extent other health care professions.

Education for students: Senior physicians of our department provide an introductory course for dermatology to 3rd year medical students, a yearly core course in dermatology (8-day Themenblock) to 4th year medical students, repetitive lectures in both, dermatology and allergology in the 6th year and a practical training course in dermatology in the 6th year.

In complement to these ex-cathedra and bed-side teaching activities, medical students web-based learning using an online platform (DOIT: Dermatology Online with Interactive Technology) developed by the former Chairman of our department (Prof Dr med Dr h. c. Günter Burg) in a close collaboration with several other dermatology departments (Basel, Bern, Lausanne, Jena and Stadtspital Triemli in Zurich). This platform is being continuously improved and currently exists in six languages and two further languages are scheduled.

Resident physicians: The Department of Dermatology offers 22 residency positions for the 5 years of training that are required for swiss board certification in dermatology. Demand for residency training in our department is extremely high, with more than 150 applications for approximately 4 available positions per year. 2 training positions are also available for part of the board certification in immunology and allergology, as well as that of angiology. During their residency training in our department, residents benefit of the broadest offer in switzerland, comprised of a rotation plan through 20 stations covering all subspecialties of dermatology and allergology, including dermatooncology, autoimmune skin disease, trichology (hair disease), dermatosurgery, dermatopathology, physical skin treatments (radiotherapy, UV-therapy, laser), phlebology and others.

Following interest from the German, Austrian and Swiss dermatological societies, the online platform for students (DOIT) is now being used as the base for the development of a pan-european post-graduate online continuing medical education (CME) platform.

Continuing medical education (CME)/Postgraduate training for private practitioners

Our Department and Faculty offer 12-14 CME events and grand rounds per year – 6 half-day thematic CME events per year in the University Zurich Irchel (180-200 participants), and 6-8 grand rounds and interdisciplinary CME sessions, the latter co-organized with other medical disciplines at USZ. In addition to this, and as of 2007, 4 new CME's per year entitled «Dermatology Update» have been added to our postgraduate teaching program, with the aim of providing a further platform for case presentations, short updates and an overview of important new publications in dermatology (Journal Club).

Overview 2007 and 2008

Continuing medical education 2007

Subject/Title	Type of education	Date	Responsible physician for organisation
Journal Club Allergy	Journal Club	March, 22, 2007	Dr Th Harr
Haut-Psoriasis – auch eine interdisziplinäre Herausforderung	Interdisciplinary	March 29, 2007	Prof Dr R Trüeb et al
Hauttumore	Update/Journal Club*	April 12, 2007	Prof Dr L French
Allergie und Asthma	Interdisciplinary	May 3, 2007	PD Dr P Schmid-Grendelmeier
AAD Update on Biologics	Update/Journal Club*	May 10, 2007	Prof Dr R Trüeb
Vitiligo	Irchel	May 31, 2007	Prof Dr R Trüeb
STD Update	Update/Journal Club*	June 14, 2007	PD Dr G Lautenschlager
Update Neurodermitis	Update/Journal Club*	October 11, 2007	PD Dr P Schmid-Grendelmeier, Prof Dr L French
Schmerz- und Palliativ-Therapie bei dermato-onkologischen und Ulcus-Patienten	Interdisciplinary	October 25, 2007	Prof Dr R Dummer, Prof Dr J Hafner, Prof Dr L French
Dermatologisch-Allergologischer Kurs SGD V	SGDV-Kurs	October 25/26 2007	Prof B Ballmer-Weber, PD Dr P Schmid-Grendelmeier
Interaktive Fortbildung zu pigmentierten Hautveränderungen – Testen Sie Ihr Fachwissen	Irchel	November 8, 2007	Prof Dr R Dummer
Urticaria	Irchel (together with Basel and Berne)	November 11, 2007	Prof Dr B Ballmer-Weber
Differentialdiagnose und Therapie von Mundschleim-Hauterkrankungen	Interdisciplinary (with Stomatology)	November 22, 2007	Prof Dr R Trüeb, Prof Dr Krätz
Update Warzen und Kondylome	Update/Journal Club*	December 6, 2007	PD Dr W Kempf, Prof Dr L French

Continuing medical education 2008

Subject/Title	Type of education	Date	Responsible physician for organisation
Epitheliale Hauttumoren – Neues zur Prävention und Therapie	Irchel	January 31, 2008	Prof Dr R Dummer
Dermatology in Women – Women in Dermatology	Basle (together with Basel and Berne)	February 21, 2008	Dr S Fistarol, Dr K Scherer (Basle)
Update Hyperhidrose – moderne Behandlungsmöglichkeiten	Update/Journal Club*	February 28, 2008	Dr S Läuchli
Allergie aktuell IX: Allergien und Umwelt	Allergy/Dermatology aktuell	March 6, 2008	PD Dr P Schmid-Grendelmeier
Allergien in der Phlebologie	Update/Journal Club*	March 13, 2008	Prof Dr B Ballmer-Weber, PD Dr P Schmid-Grendelmeier
Autoimmundermatosen	Irchel	April 3, 2008	Prof Dr R Trüeb
Kongenitale Naevi	Interdisciplinary (with Kinderspital and Department of Reconstructive/Plastic Surgery USZ)	April 17, 2008	PD Dr R Braun, PD Dr C Schiestl, Prof Dr P Giovanoli
Haut und Darm	Interdisciplinary (with Department of Gastroenterology USZ)	Mai 8, 2008	Prof Dr R Trüeb, Prof Dr L French
Interdisziplinäre Fortbildung Dermatologie – Infektiologie	Berne (together with Basel and Berne)	Mai 22, 2008	PD Dr D Simon, Prof Dr K Mühlemann
Narben verhindern – Narben behandeln	Irchel	Mai 29, 2008	Dr S Läuchli
Symposium 70 Jahre Brunello – Allergologische Höhenflüge	Extraordinary Symposium	September 4, 2008	PD Dr P Schmid-Grendelmeier
Psoriasis Update	Update/Journal Club*	September 25, 2008	Prof Dr R Trüeb
Haut und Innere Medizin	Irchel	October 16, 2008	Prof Dr J Hafner, Prof Dr R Trüeb, Prof Dr L French
Haut und Endokrinum	Interdisciplinary (with Kinderspital and Department of Endocrinology, Diabetology and Clinic nutrition USZ)	October 30, 2008	Prof Dr R Trüeb, Prof Dr L French, Prof Dr Chr Schmid
Chirurgie von Hauttumoren: Aesthetik und Radikalität	Update/Journal Club*	November 6, 2008	Dr S Läuchli
Epidermolysis bullosa hereditaria – Update			
Anniversary Prof Dr U W Schnyder	Update/Journal Club*	November 20, 2008	Prof Dr R Trüeb, Prof Dr L French
Melanom – Seltene Hauttumore	Irchel	November 27, 2008	Prof Dr R Dummer, PD Dr A Cozzio
Hämangiome und vaskuläre Malformation im Kindesalter	Interdisciplinary (with Kinderspital Zurich)	December 4, 2008	PD Dr A Cozzio, Dr L Weibel, Dr Ch Schiestl

* Dermatologisches und allergologisches Kolloquium including Case Presentations

In addition to regular postgraduate teaching, our department organizes national and international symposia and/or congresses. A highlight in 2007 was the 37th Annual Meeting of the European Society for Dermatological Research (ESDR), chaired by Prof Dr Reinhard Dummer for our Department, that attracted 1000 participants from the whole world.

In 2009, we have organized the Spring Meeting of the SGDV (= Swiss Society for Dermatology and Venerology) and in 2010 the Annual Meeting of the SGDV at Zurich University.

Guest Speakers 2007 and 2008

Bachmann	Martin	CSO	Cytos Biotechnology	Vaccination against chronic diseases
Bruckner-Tuderman	Leena	Prof Dr med	Universitäts-Hautklinik Freiburg, Deutschland	Epidermolysis bullosa hereditaria - Update
Eming	Rüdiger	Dr med	Klinik für Dermatologie und Allergologie, Universitätsklinikum Marburg	Autoimmunbullöse Dermatosen: neue Erkenntnisse zur Pathogenese und Pathogenese-orientierte Therapie
Fuchs	Thomas	Prof Dr med	Georg-Augustus-Universität Göttingen, Deutschland	Neues zur Latex-Allergie
Gieler	Uwe	Prof Dr med	Institut für Medizinische Psychologie, Justus-Liebig-Universität Giessen, Deutschland	Die innere Umwelt: Allergien und Psyche
Hauser	Conrad	Prof	Div. Immunol. and Allergy, Dept. Int. Medicine. University of Geneva	Th2-dependent contact hypersensitivity, TSLP and cutaneous dendritic cell subsets-relevance for atopic dermatitis
Klimek	Ludger	Prof Dr med	FA ORL und Allergologie, Wiesbaden, Deutschland	Aspirin-Intoleranz bei Widal-Trias: Schaden oder Chance?
Koschel	Dirk	Dr med	LA Innere Medizin-Pneumologie, Fachkrankenhaus Coswig, Deutschland	Poulet, Ei und Federn: Allergien auf Vogelbestandteile
Lambeck	Martin	Prof Dr	Technische Universität Berlin	Fehldeutung der Physik und Philosophie in der Alternativmedizin
Marghoob	Ashfaq	Assistant Professor	Memorial Sloan Kettering Cancer Center	Kongenital Nevi
Meerang	Mayura	Dr	German Cancer Research Center Heidelberg, Deutschland	Accumulation of Lipid Peroxidation-Derived DNA Damage as Potential Cancer Risk Factors in Thalassaemic Disease
Sennekamp	Joachim	Prof Dr med	FA Internist und Allergologe, Bonn, Deutschland	Springbrunnen-Lunge als Beispiel der exogen-allergischen Alveolitis
Spiewak	Radoslaw	Prof Dr med	Krakow, Deutschland	Risikofaktoren und Prävention von Berufsdermatosen in der Landwirtschaft
Thilo	Jakob	Prof Dr med	Universitäts-Hautklinik Freiburg, Deutschland	Neues zur Pollenallergie aus Labor und Klinik
Weisenseel	Peter	Dr med	Klinik und Poliklinik für Dermatologie und Allergologie, Klinikum der Universität München	Psoriasis-Komorbiditäten: Relevanz und Empfehlung für die Praxis
Wymann	Matthias	Prof	Center for Biomedicine, Universität Basel	Targeting the PI3K pathway in Melanoma - Specific or Broad?

Bigliardi	Paul	PD Dr	CHUV Lausanne	Pruritus: Ursachen und Behandlung
Bircher	Andreas	Prof Dr	Universitätsspital Basel	Medikamentenallergie
Braathen	Lasse	Prof Dr	Inselspital Bern	Operative Therapie der Vitiligo: Autologer Melanozytentransfer
Brezna	Irena	Psychologin, Schriftstellerin	Basel	Psychologische Aspekte der Psoriasis
Brönimann	Martin	Dr	Inselspital Bern	Pharmakotherapie der Vitiligo
Böhm	Markus	PD Dr	Universitätsklinikum Münster	Pathobiologie der Vitiligo
Calzascia	Thomas	Dr	University of Toronto	Boosting T cell immunity to cancer and chronic viral infections using IL-7 therapy
Dupuis	Marc	PhD Preclinical Oncology	Apoxis SA, Lausanne	The effects of the anticancer drug APO866 in a mouse model of cutaneous T cell lymphoma
Escher	Niko	Dipl. Biol.	Universitätsklinikum Jena	Mass spectrometry based proteomic profiling of cutaneous t-cell lymphoma (ctcl)
Ettlin	Dieter	Dr	Klinik Birshof Münchenstein	Burning mouth-Syndrom: Funktionell oder somatisch?
Gebhardt	Christoffer	Dr	Universität Heidelberg	How RAGE feeds the flame - a novel mechanism in cancer development. S100 review (Science)
Grattan	Clive	Prof Dr	Norfolk and Norwich University Hospital NHS Trust, UK	Management und Therapie der Urtikaria
Grob	Jean-Jacques	Prof Dr	Hôpital Ste Marguerite, Marseille	Therapy with interferon – A 20 year experience
Hauser	Conrad	Prof Dr	Hôpital Universitaire de Genève	Management der Urtikaria
Itin	Peter	Prof Dr	Universitätsspital Basel	Differentialdiagnose depigmentierender Hauterkrankungen
Locher	Michael	Dr	Praxis Waldshut-Tiengen	Diagnose und Therapie des oralen Lichen planus
Lusky	Monika	PhD	Transgene France	Gene therapy using adenoviral vectors
Mauviel	Alain	Prof Dr	Hôpital Saint-Louis Paris	New targets of TGF- β , implications for melanoma progression and metastasis
Mempel	Martin	Prof Dr	Technische Universität München	The B-cell repertoire in highly atopic patients
Novak	Natalija	PD Dr	Universitätsklinikum Bonn	Neurodermitis - ein Update
Piguet	Vincent	Prof Dr	University Hospital of Geneva	Interactions between HIV and dendritic cells and DATAS analysis of melanoma
Rast	Hanspeter	Dr	SUVA Luzern	Begutachtung und Entschädigung von Berufsdermatosen
Ruffner	Heinz	Group leader cell biology	Cellzome AG Heidelberg	Physical and functional mapping of signal transduction pathways
Schadendorf	Dirk	Prof Dr	Deutsches Krebsforschungszentrum Heidelberg	Molekularbiologie des Melanoms – Was ist klinisch relevant?
Scherer	Kathrin	Dr	Universitätsspital Basel	Die urtikarielle Arzneimittelreaktion
Schnuch	Axel	Prof Dr	Institut an der Georg-August-Uni. Göttingen	Nickel, Düfte, Kleber & Co. - Welche Kontaktallergene sind wichtig?
Schönbächler	Georg	Dr sc. nat.	Collegium Helveticum	Placebo - die Apotheke im Kopf
Simon	Dagmar	PD Dr	Inselspital Bern	Urtikaria: welche Differentialdiagnosen sind möglich?
Weidinger	Stephan	Dr	Technische Universität München	Filaggrin mutations and epidermal barrier integrity

9. Partners / Sponsors / Collaborations with Industry and Fund Raising (private industry)

Our continuous efforts in medical education, public relations, marketing, and networking with private practitioners is only possible thanks to external funding. We collaborate with industry for our postgraduate education, giving private practitioners and industry a platform for communication and exchange. Furthermore possibilities are provided by our charitable foundations the Bruno Bloch Stiftung and the Verein für Hautkrebsforschung. We would here like to acknowledge with great respect the support of our industrial partners. Their collaboration supports the quality and nature of our postgraduate teaching offer.

The Department of Dermatology USZ is grateful to the following sponsors and donators for their constant precious and generous support.

With special acknowledgement to our partners of «Schwerpunkt Hautkrebs»

Cosmétique Active, Schweiz AG (LaRoche-Posay,
Laboratoires Vichy)
Galderma S.A.
Roche Pharma (Schweiz) AG

«Kosmetische Dermatologische Sprechstunde»

Beiersdorf AG (Eucerin)
Leo Pharmaceutical Products SA
Louis Widmer AG
Merz Pharma (Schweiz) AG
Permamed AG
Pierre Fabre (Suisse) SA, Avène
Spirig Pharma AG

Further sponsors:

Abbott AG
Actelion (Schweiz) AG
ALK Abello
Allergomed AG
Allmiral AG
Astellas Pharma AG
AstraZeneca AG
Bank Julius Bär AG
Bauerfeind AG
Bayer (Schweiz) AG
Biotest AG
Bristol-Myers Squibb AG
Coloplast AG
CSL Behring (Schweiz) AG
Dermapharm AG
Drossa Pharm AG
Essex Chemie AG
Ganzoni & Cie AG
Gebro Pharma AG
Geistlich Pharma AG
Glaxo Smith Kline AG
J.-P., F. & E. Hottinger & Co., Effektenhändler
IBSA Institut Biochimique SA
Johnson & Johnson Medical
Meda Pharma Pharma GmbH
Merck Sharp & Dome AG
Mundipharma Pharmaceutical Company SA
Novartis (Schweiz) AG
Pfizer AG
Qualicare AG
MerckSerono (Pharma) Schweiz
Servier (Suisse) SA
Smith & Nephew AG
Teomed AG
Trimedal AG
Waldmann Lichttechnik GmbH
Wyeth Pharmaceuticals AG
Valucept

**Charitable institutions closely associated with the
Department of Dermatology USZ**

Bruno Bloch Stiftung

Sekretariat:
Dermatologische Klinik, Direktion
UniversitätsSpital Zurich
Gloriastrasse 31
8091 Zurich
brunoblochstiftung@usz.ch

Bankverbindung:

UBS AG
8091 Zurich
Konto-Nummer 206-P0238697.0
Kennwort «BrunoBlochStiftung»

Verein für Hautkrebsforschung

Sekretariat:
Dermatologische Klinik
UniversitätsSpital Zurich
Gloriastrasse 31
8091 Zurich
info@skincancer.ch, www.skincancer.ch

Bankverbindung:

Jean-Philippe, François & Emmanuel Hottinger & Co.,
8091 Zurich
Effektenhändler, Zurich
Bank: Clariden Leu AG, Zurich, Swift: CLLECHZZ
Begünstigter: Verein für Hautkrebsforschung
Konto CHF: IBAN: CH77 0506 5024 9124 3100 0

10. Honors and Prizes

Prof Dr B Ballmer-Weber

- Nomination to the Food Allergy Group of the World Allergy Organisation in spring 2007
- Election as Member of the Board of Foundation of the «Allergiestiftung Müller-Gierok» in autumn 2008

Dr C Conrad

- Publication in Nature Medicine: «Alpha1beta1 is crucial for accumulation of epidermal T cells and the development of psoriasis» Nat. Med 2007, Jul: 13(7):836-42

PD Dr A Cozzio (& Prof Dr R Dummer)

- Promotion of a Research Project of a interdisciplinary project of the Swiss Cancer League «Neuralleisten-Stammzellen bei Hauttumoren» with participation of PD Dr A Cozzio and Prof Dr R Dummer)

Prof Dr R Dummer

- Election as President of the ISCL (International Society for Cutaneous Lymphoma) in September 2006
- Election to the Board of the ICDP (International Committee for Dermatopathology) in spring 2007
- Election as President the ESDR (European Society for Dermatological Research) in October 2008
- Nomination to International Member of the Scientific Board of the ÖGDV (Austrian Society of Dermatology and Venerology) in Autumn 2008

Prof Dr L French

- Nomination as Member of the «Deutsche Akademie der Naturforscher», Leopoldina, in September 2008
- Election to the Executive Committee of the EDF (European Dermatology Forum) in January 2007

Dr M Geiges

- Nomination to Corresponding Member of the ÖGDV (Austrian Society of Dermatology and Venerology) in January 2008
- Election as Secretary-Treasurer of the ESHDV (European Society for the History of Dermatology/Venerology) in September 2008

Dr Th Harr

- Election as Board Member of the Swiss Society for Aerobiology in spring 2008

Prof Dr J Hafner

- Nomination as Member of the FMCH (Foederatio Medicorum Chirurgorum Helvetica) and as Member of the Board for the section «Fort- und Weiterbildung»)

PD Dr G Hofbauer

- Nomination as Representative for Dermatology to the Directory of the new founded Transplant Center of the University Hospital Zurich in December 2007
- Election as Board Member and Secretary of the European Association in the coaching of organ transplanted patients (SCOPE) in April 2008

Dr J Kamarachev

- Certification of the «International Committee for Dermatopathology (ICPD-UEMS)» in December 2006

Prof Dr W Kempf

- Robert-Fischer-Prize for scientific work on cutaneous lymphoma in 2007

Dr K Kerl

- Certification of the «International Committee for Dermatopathology (ICPD-UEMS)» in December 2008

Dr S Lächli

- Election to the Board of EWMA (European Wound Management Association) as only Representative of German-speaking countries

Dr J Mangana, Greek (Research Group of Prof Dr R Dummer)

- Dr Janssen Scholarship Award in August 2008

PD Dr P Schmid-Grendelmeier

- Election as Corresponding Member to the Board and Swiss Representative for Elaborating Guidelines for Neurodermitis and Specific Immunotherapy of the German Society of Allergology and Clinical Immunology

Prof Dr R Trüeb

- Election as President of the EHRS (European Hair Research Society) in autumn 2008

PD Dr M Maiwald-Urosevic

- Publication in the Journal of Clinical Investigations: Type 1 IFN innate immune response to adenovirus-mediated IFN-gamma gene transfer contributes to the regression of cutaneous lymphomas, J Clin. Invest. 117; 2834-2846 (2007)

Dr L Weibel

- Ruggero Caputo Young Pediatric Dermatologist Prize of the ESDP (European Society for Pediatric Dermatology)

Allergy-Unit

(chaired by Prof B Ballmer-Weber & PD Dr P Schmid-Grendelmeier)

- Quality Certification GA2LEN network (global allergy & asthma European network) as first center in Europe, in January 2007
- Election to «Center of Excellence» into the European Competence Network for Mastocytosis) in spring 2008

Promotions since 2007

- Prof Dr B Ballmer-Weber:
promotion to title of «Titularprofessur» in 2008
- Prof Dr R Dummer:
promotion to title of «Professor ad personam» in 2008
- Prof Dr J Hafner:
promotion to title of «Titularprofessur» in 2007
- Dr Th Harr:
Promotion to title of «Oberarzt» in 2008
- PD Dr G Hofbauer:
Promotion to title of «Leitender Arzt» in January 2009

11. Previews

Interview with Prof Dr med Lars French, Chairman, Department of Dermatology USZ

The Clinic Report of the Zurich University Hospital's Department of Dermatology highlights the broad spectrum of activities in patient care, research and teaching. What are your priorities and important goals for the near future?

French: It is our final aim to be among the best Dermatology Departments with respect to patient care and research; this ambitious vision can only be achieved by defining clear priorities. For me outstanding quality in patient care and innovation are the top priorities of the Department.

The patient is in the center. Quality is a top priority.

What about research – in an internationally oriented Dermatology Department such as Zurich?

Research in an interdisciplinary environment with open-minded interactions with basic research institutions are in my opinion essential prerequisites for innovation. Priority topics in our Department are currently skin cancer, strongly focussed on melanoma, the mechanisms of skin inflammation with main focus on psoriasis. Internationally, our department is intergraded in the line of leading institutions for their contribution to innovation in Dermatology through research. It is also regularly visited by scholars, fellows, as well as renown scientists and physicians with the aim of fostering exchange, testifying its international attractiveness.

In the patient's view, a frequent concern is the long time it usually takes until they can directly benefit from research?

This is generally correct. The complexity of diseases such as melanoma; the regulatory constraints that govern patient-oriented and clinical research today; as well as the time from discovery

to completed drug development make therapeutic innovation an long process. However, a look back at novel therapeutics and their impact in our field over the last 5 years, clearly puts this into perspective. Despite the above hurdles, the quality of dermatological research including patient-oriented or translational research; the contribution of improved technology; and the close collaboration with industrial partners is now providing more innovative therapy than ever before. In this context, it is also possible for our patients to have access to novel therapeutics through clinical trials before they are marketed.

Rapid translation of patient-oriented research from the laboratory to the clinic, and collaboration with industry - play a key role in rapidly bringing new therapeutics to our patients.

You mention «quality» as a descriptive keyword for the Department. Are there already concrete measures that have been realized to assure this?

Yes, we started implementing quality assurance in the beginning of 2007 by introducing a Critical Incident Reporting System (CIRS) in our Department; this tool allows our staff – doctors and nurses – to report critical situations anonymously even if no detrimental consequences of the incident occurred. Such reports are regularly evaluated and used to implement strategies to avoid such situations in the future.

Do you have an internationally renown quality certification ?

No, but this is an aim of ours. We are currently preparing for an international quality certification. This is primordial for us, especially in dermatooncology where recognition as a multidisciplinary skin cancer center requires ISO- or KTQ- Certification (= Cooperation for Transparency and Quality in Health Care) of the center.

International quality management labelling is important for future development.

Besides official quality certification measures, what measures have you undertaken in order to optimize the department after your onset as Chairman?

We have significantly reorganized the Department to adapt it to our aims; current patient needs; the number of employees; and upcoming regulatory requirements. This reorganization has lead to clear redistribution and definition of competences and responsibilities as required for the activities of our Department. This is illustrated in part through our new organigram.



Back to research: Do you also plan to reorganise certain aspects of this field of activity?

We will continue the focus of our research activities; dermatology, immunodermatology and allergology; subspecialties of Dermatology where demand for innovation in patient care is very high. The level of yearly funding obtained by researchers in the department is quite high for European standards (over 3 mio CHF/year), and alongside the current cumulative yearly impact factor of 324, a sign that our research groups are competitive and productive.

How will you ensure long-term competitiveness ?

I have set a priority on supporting young skilled clinicians interested in science and an academic career. In the last two years three of our residents have had the opportunity to join prominent research groups abroad for a postdoctoral or clinical fellowship. I intend to support those who are motivated and successful for fellowships abroad and – if possible – for reintegration in our Department upon return. We are also in the process of building new endowed professorships at the Department to attract qualified researchers. Such activities should help guarantee long-term competitiveness.

Teaching – are there any new concepts that you envisage to implement in Zurich ?

We are committed to the process of further implementing and improving an innovative, interactive internet-based learning-program (DOIT: Dermatology Online with Interactive Technology) founded by my predecessor, Prof Günter Burg. In Switzerland, the tool is already regularly used for teaching of students; presently is being further developed in collaboration with the Swiss, German and Austrian Societies for Dermatology, as a European internet-based platform for continuous medical education in dermatology.

And back to – according to your own words – the core activity of the Department of Dermatology – patient care: Why is Zurich able to offer such a diverse and high quality level of medical care in Dermatology?

For me, in Zurich, the strong support of the medical faculty the University of Zurich and of the University Hospital; the size and level of training of the medical team; as well as the extremely well developed inter-disciplinary network of specialists of other clinics and institutes are the ingredients that enable us to offer a high level of medical care.

12. Publications

Publications 2007

Original papers (peer-reviewed)

Andersson K, Ballmer-Weber BK, Cistero A, Östling J, Lauer I, Vieths S, Lidholm J. (2007): Enhancement of hazelnut extract for IgE testing by recombinant allergen spiking In: *Allergy* 62, 897-904

Ballmer-Weber BK, Holzhauser T, Scibilia J, Mittag D, Zisa G, Ortolani C, Poulsen LK, Vieths S, Bindslev-Jensen C (2007): Soybean allergy in Europe In: *The journal of allergy and clinical immunology* 119,1489-1496

Baumgartner M, Radziwill G, Lorger M, Weiss A, Moelling K (2007): c-Src-mediated epithelial cell migration and invasion regulated by PDZ binding site. In: *Molecular and cellular biology* 28(2), 642-55

Bowling, J; Argenziano, G; Azenha, A; Bandic, J; Bergman, R; Blum, A; Cabo, H; Di Stephani, A; Grichnik, J; Halpern, A; Hofman-Wellenhof, R; Johr, R; Kittler, H; Kopf, A; Kreuzsch, J; Langford, D; Malvehy, J; Marghoob, A; Menzies, S; Ozdemir, F; Peris, K; Piccolo, D; Pizzichetta, MA; Polsky, D; Puig, S; Rabinovitz, H; Rubegni, P; Saida, T; Scalvenzi, M; Seidenari, S; Soyer, HP; Tanaka, M; Zalaudek, I; Braun, RP (2007): Dermoscopy key points: recommendations from the international dermoscopy society. In: *Dermatology* 214(1), 3-5

Boyman O, Conrad C, Tonel G, Gilliet M, Nestle FO (2007): The pathogenic role of tissue-resident immune cells in psoriasis. In: *Trends in immunology* 28(2), 51-7

Braun, RP; Baran, R; Le Gal, FA; Dalle, S; Ronger, S; Pandolfi, R; Gaide, O; French, LE; Laugier, P; Saurat, JH; Marghoob, AA; Thomas, L (2007): Diagnosis and management of nail pigmentations. In:

Journal of the American Academy of Dermatology 56(5), 835-47

Braun, RP; Gaide, O; Le Gal, FA; Saurat, JH; Marghoob, AA (2007): [Follow-up of melanoma lesions]. In: *Revue médicale suisse* 3(109), 1119-23

Braun, RP; Gaide, O; Oliviero, M; Kopf, AW; French, LE; Saurat, JH; Rabinovitz, HS (2007): The significance of multiple blue-grey dots (granularity) for the dermoscopic diagnosis of melanoma. In: *The British journal of dermatology* 157(5), 907-13

Braun, RP; Gaide, O; Skaria, AM; Kopf, AW; Saurat, JH; Marghoob, AA (2007): Exclusively benign dermoscopic pattern in a patient with acral melanoma. In: *Archives of dermatology* 143(9), 1213-5; author reply 1215-6

Changchien, L; Dusza, SW; Agero, AL; Korzenko, AJ; Braun, RP; Sachs, D; Usman, MH; Halpern, AC; Marghoob, AA (2007): Age- and site-specific variation in the dermoscopic patterns of congenital melanocytic nevi: an aid to accurate classification and assessment of melanocytic nevi. In: *Archives of dermatology* 143(8), 1007-14

Conrad C, Boyman O, Tonel G, Tun-Kyi A, Laggner U, de Fougères A, Kotliński V, Gardner H, Nestle FO (2007): Alpha1beta1 integrin is crucial for accumulation of epidermal T cells and the development of psoriasis. In: *Nature medicine* 13(7), 836-42

Cramer R, Flückiger S, Daigle I, Kündig T, Rhyner C (2007): Design, engineering and in vitro evaluation of MHC class-II targeting allergy vaccines. In: *Allergy* 62(2), 197-206

Dinkela A, Ferié J, Mbata M, Schmid-Grendelmeier M, Hatz C (2007): Efficacy of triclosan soap against superficial dermatomycoses: a double-blind clinical trial in 224 primary schoolchildren in Kilombero District, Morogoro Region, Tanzania. In: *International journal of dermatology* 46(Suppl 2), 23-8

Downs SH, Schindler C, Liu LJ, Keidel D, Bayer-Oglesby L, Brutsche MH, Gerbase MW, Keller R, Künzli N, Leuenberger P, Probst-Hensch NM, Tschopp JM, Zellweger JP, Rochat T, Schwartz J, Ackermann-Liebrich U; SAPALDIA Team (2007): Reduced exposure to PM10 and attenuated age-related decline in lung function. In: *The New England journal of medicine* 357(23), 2338-47

Erba P, Farhadi J, Wettstein R, Arnold A, Harr T, Pierer G (2007): Morphoeic basal cell carcinoma of the face. In: *Scandinavian journal of plastic and reconstructive surgery and hand surgery* 41(4), 184-8

Garbe C, Hauschild A, Volkenandt M, Schadendorf D, Stolz W, Reinhold U, Kortmann RD, Kettelhack C, Frerich B, Keilholz U, Dummer R, Sebastian G, Tilgen W, Schuler G, Mackensen A, Kaufmann R (2007): Evidence and interdisciplinary consensus-based German guidelines: diagnosis and surveillance of melanoma. In: *Melanoma research* 17, 393-399

Goede JS, Misselwitz B, Taverna C, Schanz U, Dispenzieri A, Hummel Y, Trüeb RM, Fehr J (2007): Necrobiotic xanthogranuloma successfully treated with autologous stem cell transplantation. In: *Annals of hematology* 86(4), 303-6

- Goldinger SM, Dummer R, Schmid P, Burg G, Seifert B, Lächli S (2007): Combination of 308-nm xenon chloride excimer laser and topical calcipotriol in vitiligo. In: *Journal of the European Academy of Dermatology and Venereology* 21, 504-508
- Graf N, Johansen P, Schindler C, Wuthrich B, Ackermann-Liebrich U, Gassner M, Kundig TM, Senti G (2007): Analysis of the relationship between pollinosis and date of birth in Switzerland. In: *International archives of allergy and immunology* 143(4), 269-75
- Gubesch M, Theler B, Dutta M, Baumer B, Mathis A, Holzhauser T, Vieths S, Ballmer-Weber BK (2007): Allergenic potential of novel food: clinical and molecular investigation of exotic vegetables (water spinach, hyacinth bean and Ethiopian eggplant). In: *Allergy* 62, 1243-1250
- Gächter T, Mühleisen B, Schärer L, Dummer R, Burg G, Hofbauer GF (2007): Weight of decision-making impairs clinical assessment of melanocytic lesions. In: *Journal of cutaneous medicine and surgery* 11, 9-18
- Hafner J, Fritz T, Lächli S, Bogdan I, Burg G, French LE (2007): Eyebrow repair after skin cancer surgery: combined naked and hairbearing full thickness graft from the contralateral retroauricular donor site. In: *Journal der Deutschen Dermatologischen Gesellschaft* 5(11), 1034-5
- Hoek KS (2007): DNA microarray analyses of melanoma gene expression: a decade in the mines. In: *Pigment cell research* 20(6), 466-84
- Hoff M, Dae-Yeul S, Gubesch M, Kangmo A, Sang-Il L, Vieths S, Goodman RE, Ballmer-Weber BK, Bannon GA. (2007): Serum testing of genetically modified soybeans with special emphasis on potential allergenicity of the heterologous protein CP4 EP-SPS. In: *Molecular nutrition & food research* 51, 946-955
- Johansen P, Mulvad G, Pedersen HS, Hansen JC, Riget F (2007): Human accumulation of mercury in Greenland. In: *The Science of the total environment* 377, 173-8
- Johansen P, Senti G, Maria Martínez Gómez J, Kundig TM (2007): Medication with antihistamines impairs allergen-specific immunotherapy in mice. In: *Clinical and experimental allergy*, epub
- Kamarashev J, Theler B, Dummer R, Burg G (2007): Mycosis fungoides - analysis of the duration of disease stages in patients who progress and the time point of high-grade transformation. In: *International journal of dermatology* 46, 930-935
- Khelifa E, Tschanz C, Masouyé I, Kerl K, Borradori L (2007): A rare tumour of the nail apparatus: onychomatricoma. In: *Journal of the European Academy of Dermatology and Venereology*, Dec 17 Epub
- Kim YH, Willemze R, Pimpinelli N, Whittaker S, Olsen EA, Ranki A, Dummer R, Hoppe RT, ISCL and the EORTC (2007): TNM Classification System for Primary Cutaneous Lymphomas Other Than Mycosis Fungoides and Sezary Syndrome: A Proposal of the International Society for Cutaneous Lymphomas (ISCL) and the Cutaneous Lymphoma Task Force of the European Organization of Research and treatment of Cancer (EORTC). In: *Blood* 110, 479-484
- Lee M, Kistler C, Hartmann TB, Li F, Dummer R, Dippel E, Booken N, Klemke CD, Schadendorf D, Eichmüller SB (2007): Immunoscreening of a cutaneous T-cell lymphoma library for plasma membrane proteins. In: *Cancer immunology, immunotherapy* 56, 783-795
- Lenng N, Heidecker B, Seifert B, Trüeb RM (2007): Dietary supplement in increase anagen hair rate in women with telogen effluvium: results of a double-blind, placebo-controlled trial. In: *Therapy* 4(1), 59-65
- Limacher A, Glaser AG, Meier C, Schmid-Grendelmeier P, Zeller S, Scapozza L, Cramer R (2007): Cross-reactivity and 1.4-Å crystal structure of *Malassezia sympodialis* thioredoxin (Mala s 13), a member of a new pan-allergen family. In: *The journal of immunology* 178(1), 389-96
- Marghoob, AA; Korzenko, AJ; Changchien, L; Scope, A; Braun, RP; Rabinovitz, H (2007): The beauty and the beast sign in dermatoscopy. In: *Dermatologic surgery* 33(11), 1388-91
- Marti P, Truffer R, Stadler MB, Keller-Gautschi E, Cramer R, Mari A, Schmid-Grendelmeier P, Miescher SM, Stadler BM, Vogel M (2007): Allergen motifs and the prediction of allergenicity. In: *Immunology letters* 109(1), 47-55
- Martínez Gómez JM, Fischer S, Csaba N, Kundig TM, Merkle HP, Gander B, Johansen P (2007): A protective allergy vaccine based on CpG- and protamine-containing PLGA microparticles. In: *Pharmaceutical research* 24(10), 1927-35
- Mihic-Probst D, Kuster A, Kilgus S, Bode-Lesniewska B, Ingold-Heppner B, Leung C, Storz M, Seifert B, Marino S, Schraml P, Dummer R, Moch H (2007): Consistent expression of the stem cell renewal factor BMI-1 in primary and metastatic melanoma. In: *International journal of cancer* 121, 1764-1770

Mnich CD, Hoek KS, Oberholzer PA, Seifert B, Hafner J, Dummer R, Mihic D (2007): Reduced pSmad2 immunodetection correlates with increased primary melanoma thickness In: *Melanoma research* 17, 131-136

Muehleisen B, Schaerer L, Dummer R, Burg G, Hofbauer GF (2007): Cancer/testis antigen MAGE-A4 expression pattern differs in epithelial skin tumors of organ-transplant recipients and immunocompetent patients. In: *Journal of cutaneous pathology* 34, 1-6

Ng HS, Nygaard H, Hasenkam JM, Johansen P (2007): Gaseous emboli detection based on a dualwavelet transform analysis. In: *Proceedings of the Institution of Mechanical Engineers. Part D, Journal of automobile engineering* 221(6), 687-698

Olsen E, Vonderheid E, Pimpinelli N, Willemze R, Kim Y, Knobler R, Zackheim H, Duvic M, Estrach T, Lamberg S, Wood G, Dummer R, Ranki A, Burg G, Heald P, Pittelkow M, Bernengo MG, Sterry W, Laroche L, Trautinger F, Whittaker S, for the ISCL/EORTC (2007): Revisions to the staging and classification of mycosis fungoides and Sezary syndrome: a proposal of the International Society for Cutaneous Lymphomas (ISCL) and the cutaneous lymphoma task force of the European Organization of Research and Treatment of Cancer (EORTC) In: *Blood* 110, 1713-1722

Pastorello EA, Farioli L, Conti A, Pravettoni V, Bonomi S, Iametti S, Fortunato D, Scibilia J, Bindslev-Jensen C, Ballmer-Weber B, Robino AM, Ortolano C. (2007): Wheat IgE-Mediated Food Allergy in European Patients: alpha-Amylase Inhibitors, Lipid Transfer Proteins and Low-Molecular-Weight Glutenins. Allergenic Molecules Recognized by Double-Blind, Placebo-Controlled Food Challenge In: *International archives of allergy and immunology* 144, 10-22

Perrinaud, A; Gaide, O; French, LE; Saurat, JH; Marghoob, AA; Braun, RP (2007): Can automated dermoscopy image analysis instruments provide added benefit for the dermatologist? A study comparing the results of three systems. In: *The British journal of dermatology* 157(5), 926-33

Preynat-Seauve O, Contassot E, Schuler P, French LE, Huard B (2007): Melanoma-infiltrating dendritic cells induce protective antitumor responses mediated by T cells In: *Melanoma Res* 17, 169-176

Preynat-Seauve O, Contassot E, Schuler P, Piguot V, French LE, Huard B (2007): Extralymphatic Tumors Prepare Draining Lymph Nodes to Invasion via a T-Cell Cross-Tolerance Process In: *Cancer research* 67, 5009-16

Radziwill G, Weiss A, Heinrich J, Baumgartner M, Boisguerin P, Owada K, Moelling K (2007): Regulation of c-Src by binding to the PDZ domain of AF-6. In: *The EMBO journal* 26(11), 2633-44

Reese G, BallmerWeber BK, Wangorsch A, Randow S, Vieths S (2007): Allergenicity and Antigenicity of Variants of the Major Carrot Major Allergen Dau c 1 - Destruction of Conformation, not Oligomerization, is the Roadmap to Save Allergen Vaccines In: *The journal of allergy and clinical immunology* 119, 944-951

Scope, A; Busam, KJ; Malvey, J; Puig, S; McClain, SA; Braun, RP; Marghoob, AA (2007): Ex vivo dermoscopy of melanocytic tumors: time for dermatopathologists to learn dermoscopy. In: *Archives of dermatology* 143(12), 1548-52

Scope, A; Tabanelli, M; Busam, KJ; Rabinovitz, H; Braun, RP; Marghoob, AA (2007): Dispelling the myth of the "benign hair sign" for melanoma. In: *Journal of the American Academy of Dermatology* 56(3), 413-6

Senti G, Vavricka BM, Graf N, Johansen P, Wüthrich B, Kündig TM (2007): Evaluation of visual analog scales for the assessment of symptom severity in allergic rhinoconjunctivitis. In: *Annals of allergy, asthma and immunology* 98(2), 134-8

Spohn G, Guler R, Johansen P, Keller I, Jacobs M, Beck M, Rohner F, Bauer M, Dietmeier K, Kündig TM, Jennings GT, Brombacher F, Bachmann MF (2007): A virus-like particle-based vaccine selectively targeting soluble TNF-alpha protects from arthritis without inducing reactivation of latent tuberculosis. In: *The journal of immunology* 178(11), 7450-7

Steinke M, Fiocchi, Kirchlechner V, Ballmer-Weber B, Brockow K, Hirschenhuber C, Dutta M, Ring J, Urbanek R, Terracciano L, Wezel R (2007): Food allergy in children and potential allergy medicine users in Europe. A randomized telephone survey of children in 10 European nations. In: *International archives of allergy and immunology* 143, 290-295

Strobel K, Dummer R, Husarik DB, Pérez Lago M, Hany TF, Steinert HC (2007): High-risk melanoma: accuracy of FDG PET/CT with added CT morphologic information for detection of metastases. In: *Radiology* 224, 566-574

Strobel K, Skalsky J, Hany TF, Dummer R, Steinert HC (2007): Small bowel invagination caused by intestinal melanoma metastasis: unsuspected diagnosis by FDG-PET/CT imaging In: *Clinical nuclear medicine* 32, 213-214

Strobel K, Skalsky J, Kalff V, Baumann K, Seifert B, Joller-Jemelka H, Dummer R, Steinert HC (2007): Tumour assessment in advanced melanoma: value of FDG-PET/CT in patients with elevated serum S-100B. In: *European journal of nuclear medicine and molecular imaging* 34, 1366-1375

Strobel K, Skalsky J, Steinert HC, Dummer R, Hany TF, Bhure U, Seifert B, Pérez Lago M, Joller-Jemelka H, Kalff V (2007): S-100B and FDG-PET/CT in therapy response assessment of melanoma patients In: *Dermatology* 215, 192-201

T. Gächter, B. Mühleisen, L. Schäfer, R. Dummer, G. Burg, G.F.L. Hofbauer. (2007): The weight of decision-making impairs clinical assessment of melanocytic lesions. In: *Journal of cutaneous medicine and surgery* 11(1), 9-18

Thomas R.K, Baker A.C, DeBiasi R.M, Winckler W, LaFramboise Th, Lin W.M, Wang M, Feng W, Zander Th, MacConaill L.E, Lee J.C, Nicoletti R, Hatton Ch, Goyette M, Girard L, Majmudar K, Ziaugra L, Wong K.K, Gabriel St, Beroukhim R, Peyton M, Barretina J, Dutt A, Emery C, Greulich H, Shah K, Sasaki H, Gazdar A, Minna J, Armstrong S.A, Mellingshoff I.K, Hodi F.St, Dranoff G, Mischel P.S, Cloughesy T.F, Nelson St.F, Liau L.M, Mertz K, Rubin M.A, Moch H, Loda M, Catalano W, Fletcher J, Signoretti S, Kaye F, Anderson K.C, Demetri G.D, Dummer R, Wagner St, Herlyn M, Sellers W.R, Meyerson M, Garraway L.A (2007): High-throughput oncogene mutation profiling in human cancer In: *Nature genetics* 39, 347-351

Travis BR, Nyboe C, Christensen TD, Smerup M, Johansen P, Nygaard H, Hasenkam JM (2007): Changes in turbulence with rotation of the omnicarbon prosthesis. In: *ASAIO journal* 53(4), 410-4 Urosevic M, Fujii K, Calmels B, Laine E, Kobert N, Acres B, Dummer R (2007): Type I IFN innate immune response to adenovirus-mediated IFN-gamma gene transfer contributes to the regression of cutaneous lymphomas In: *The journal of clinical investigation* 117, 2834-2846

Wangorsch A, Ballmer-Weber B, Roesch P, Holzhauser T, Vieths S (2007): Mutational epitope analysis and cross-reactivity of two isoforms of Api g 1, the major celery allergen In: *Molecular immunology* 44, 2518-2527

Watanabe H, Gaide O, Petrilli V, Martinon F, Contassot E, Roques S, Kummer JA, Tschopp J, French LE (2007): Activation of the IL-1beta-Processing Inflammasome Is Involved in Contact Hypersensitivity In: *The journal of investigative dermatology* 127, 1956-63

Watanabe H, Gaide O, Petrilli V, Martinon F, Contassot E, Roques S, Kummer JA, Tschopp J, French LE (2007): Activation of the IL-1beta-Processing Inflammasome Is Involved in Contact Hypersensitivity In: *The journal of investigative dermatology* 127, 1956-63

Weiss A, Baumgartner M, Radziwill G, Dennler J, Moelling K (2007): c-Src is a PDZ interaction partner and substrate of the E3 ubiquitin ligase Ligand-of-Numb protein X1. In: *FEBS letters* 581(26), 5131-6

Wuest M, Dummer R, Urosevic M (2007): Induction of the members of Notch pathway in superficial basal cell carcinomas treated with imiquimod. In: *Archives of dermatological research* 299, 493-498

Zhang C, Toulev A, Kamarashev J, Qin JZ, Dummer R, Döbbeling U (2007): Consequences of p16 tumor suppressor gene inactivation in mycosis fungoides and Sézary syndrome and role of the bmi-1 and ras oncogenes in disease progression. In: *Human pathology* 38(7), 995-1002

Book chapters and books

Ballmer-Weber, Barbara (2007): Food allergy: current diagnosis and management In: Mills C, Wichers H, Hoffmann-Sommergruber K (Hrsg.), *Managing allergens in food*, Cambridge, 3-28

Braun, R.P., Rabinovitz, H.S., Oliviero, M., Kopf, A.W., Saurat, J.-H. and Thomas, L. (2007): Dermoscopic examination In: Soyer, H. P., Hofmann-Wellenhof, R., Johr, R., *Color Atlas of Melanocytic lesions of the skin*, Berlin, Springer, 7-22

Thomas, L. and Braun, R.P. (2007): Dermoscopie des lésions pigmentées de la peau In: Guillot, Bernard, *Dépistage et cancers cutanés*, Paris, Springer, 55-61

Thomas, L. and Braun, R.P. (2007): Dermoscopie des lésions pigmentées de la peau In: Bagot, M., *Nouveau concepts et méthodes qui ont marqué l'évolution de la dermatologie ces quinze dernières années*, Paris, Editions scientifiques L&C, 46-52

Reviews, editorials & commentaries (reviewed)

Asero R, Ballmer-Weber BK, Beyer K, Conti A, Dubakiene R, Fernandez-Rivas M, Hoffmann-Sommergruber K, Lidholm J, Mustakov T, Oude Elberink H, Pumphrey RSH, Skov PS, van Ree R, Vlieg-Boerstra BJ, Bruijnzeel-Koomen C, Hiller R, Hourihane J, Kowalski M, Papadopoulos NG, Wal JM, Mills C, Vieths S. (2007): IgE-mediated food allergy diagnosis: Current status and new perspectives. In: *Molecular nutrition & food research* 51, 135-147

Ballmer-Weber BK, Dummer R (2007): Pruritus in frequent skin diseases and therapeutic options. In: *Schweizerische Rundschau für Medizin Praxis* 96, 107-111

Ballmer-Weber BK, Lidholm J, Vieths S. (2007): Recombinant allergens in the diagnosis of food allergy: Which are the advantages. In: *Revue française d'allergologie et d'immunologie clinique* 47, 126-128

Bogdan I, Schärer L, Rüdlinger R, Hafner J (2007): Epidermodysplasia Verruciformis in Two Brothers Developing Aggressive Squamous Cell Carcinoma In: *Dermatologic surgery* 33, 1525-1528

Burg G, Kempf W, Dummer R (2007): Cutaneous Lymphomas: Current and Future Concepts. In: *Journal of the Egyptian woman's dermatologic Society* 4(1), 1-23

Contassot E, Gaide O, French LE (2007): Death receptors and apoptosis In: *Dermatol Clin.* 25, 487-501

Corsenca A, Aebersold F, Moch H, Bird P, Weber M, Hofbauer G, Wuthrich RP, Serra AL (2007): Combined nephrectomy and pre-emptive renal transplantation in a tuberous sclerosis patient with angiomyolipoma, renal carcinoma and life-threatening abdominal haemorrhages. In: *Nephrology, dialysis, transplantation, folgt*

Dummer R (2007): Primary cutaneous lymphomas: ESMO Clinical Recommendations for diagnosis, treatment and follow-up. In: *Annals of oncology* 18(Suppl 2), ii61-ii62

Dummer R, Asagoe K, Cozzio A, Burg G, Doebbeling U, Golling P, Fujii K, Urosevic M (2007): Recent advances in cutaneous lymphomas In: *Journal of dermatological science* 48, 157-167

Dummer R, Stadler R, Sterry W (2007): Cutaneous lymphomas In: *Journal der Deutschen Dermatologischen Gesellschaft* 5, 605-617

Dummer R, Zucca E (2007): Cutaneous T-cell lymphoma: from genetics to clinical practice. In: *Oncology* 21(Suppl 1), 7-8

Döbbeling U (2007): Transcription factor profiling shows new ways towards new treatment options of cutaneous T cell lymphomas. In: *Current drug discovery technologies* 4(1), 24-30

Geiges M (2007): Das Zürcher Moulagenmuseum – Die heutige Bedeutung in der Dermatologie, Medizingeschichte und Öffentlichkeit. In: *Journal der Deutschen Dermatologischen Gesellschaft* 5(10), 953-7

Gniadecki R, Assaf C, Bagot M, Dummer R, Duvic M, Knobler R, Ranki A, Schwandt P, Whittaker S (2007): The optimal use of bexarotene in cutaneous T-cell lymphoma. In: *The British journal of dermatology* 157, 433-440

Hafner J (2007): Rekonstruktion der Augenbrauenregion nach Tumorchirurgie: Kombiniertes nacktes und haartragendes Vollhauttransplantation von retroaurikulär der kontralateralen Seite In: *Journal der Deutschen Dermatologischen Gesellschaft* 5, 1034-35

Johansen P, Martínez Gómez JM, Gander B (2007): Development of synthetic biodegradable microparticulate vaccines: a roller coaster story. In: *Expert review of vaccines* 6(4), 471-4

Kamarachev J (2007): Mykosis fungoides - analysis of the duration of disease stages in patients who progress and the time point of high-grade transformation. In: *International journal of dermatology* 46(9), 930-5

Läuchli S (2007): Alternative Methoden in der Wundbehandlung Maden und Honig in die Wunde? In: *MMW-Fortschritte der Medizin* 149(46), 41-42

Lübbe J, Anliker M, Dummer R, Helbling D, Hess V, Hunziker T, Itin P, Pestalozzi B, Rauch D (2007): Kutane Nebenwirkungen der Therapie mit EGFR-Inhibitoren. Klinische Einteilung und Behandlung In: *Dermatologica Helvetica* 8, 16-20

Prins C, Gelfand EW, French LE (2007): Intravenous immunoglobulin: properties, mode of action and practical use in dermatology In: *Acta Derm Venereo* 87, 206-18

Rhyner C, Kündig T, Akdis CA, Cramer R (2007): Targeting the MHC II presentation pathway in allergy vaccine development. In: *Biochemical Society transactions* 35, 833-4

Thomas K, Bannon G, Herouet-Guichenev C, Ladics G, Lee L, Lee SI, Privalle L, Ballmer-Weber BK, Vieths S. (2007): The utility of an International Sera Bank for Use in Evaluating the Potential Human Allergenicity of Novel Proteins. In: Toxicological sciences 97, 27-31

Trüb RM (2007): Skin and collagen vascular diseases In: Schweizerische Rundschau für Medizin Praxis 96(49), 1933-49

Trüb RM (2007): Die Jagd nach dem Jungbrunnen. In: Akt Dermatol 33, 297-309

Trüb RM (2007): Hair aging and anti-aging. In: Expert review of dermatology 2(5), 607-17

Trüb RM (2007): Shampoos: Inhaltsstoffe, Wirkungen und Nebenwirkungen. In: Journal der Deutschen Dermatologischen Gesellschaft 5, 356-66

Werfel T, Ballmer-Weber BK, Eigenmann PA, Niggemann B, Turjanmaa K, Worm M. (2007): Eczematous reactions to food in atopic eczema: position paper of the EAACI and GA2LEN. In: Allergy , 723-728

Reviews, editorials & commentaries (not reviewed)

Ballmer-Weber BK, Dummer R (2007): Juckreiz bei häufigen Hauterkrankungen und therapeutische Optionen In: Praxis 96, 107-111

Cozzio A (2007): Unliebsame Überraschungen nach dem Waldspaziergang: Zeckenbisse In: Puls , -

Fernández-Rivas M, Ballmer-Weber BK. (2007): Food Allergy: current diagnosis and management. In: C. Mills, H. Wichers, K. Hoffmann-Sommergruber, Managing allergens in food, Cambridge, England, Woodhead Publishing Limited, , 3-28

Geiges M (2007): Bericht über das Arbeitstreffen der AGDV: Pantheon der Dermatologie In: Journal der Deutschen Dermatologischen Gesellschaft 5(1), 72-73

GFL Hofbauer (2007): PUVA-Therapie In: Derm , 401-403

Trüb RM (2007): Alopecia areata. Frage - Antwort. In: Pädiatrische Praxis 71, 100

Trüb RM (2007): Alopecia areata. Frage - Antwort. In: Internistische Praxis 47, 366

Trüb RM (2007): Alopecia areata. Frage - Antwort. In: Internistische Praxis 47, 366

Trüb RM (2007): Behandlung der Alopezie bei Menschen. 22nd Annual Congress of the ESVD-ECVD. In: Vet-MedReport V6(31), 4-5

Trüb RM (2007): Behandlung der Alopezie bei Menschen. 22nd Annual Congress of the ESVD-ECVD. In: Vet-MedReport V6(31), 4-5

Trüb RM (2007): Haar-Aging und Anti-Aging. In: Arzt & Prävention 4, 17-18

Trüb RM (2007): Haut und Kollagenosen. In: Praxis 96, 1993-49
Trüb RM (2007): Neue Technologie für Kerium-Shampoo. Mit Differenzialtherapie erfolgreich gegen Kopfschuppen. In: Dermatologie Praxis 5, 20-23

Trüb RM (2007): Nicht auf Wunder warten. Das Stigma der Psoriasis und Vitiligo. In: Dermatologie Praxis 4, 1

Trüb RM (2007): Psoriasis im Kindesalter. In: Kinderkrankenschwester 26(2), 55-58

Trüb RM (2007): Psoriasis im Kindesalter. In: Kinderkrankenschwester 26(2), 55-58

Trüb RM (2007): Trichologie - State of the Art. Kompendium 2007. In: Dermatologie 3(1), 36-37

Urosevic M, Fujii K, Calmels B., Laine E., Acres B., Dummer R (2007): The role of innate response to adenoviral vector used for local IFN- γ gene delivery in the regression of cutaneous lymphoma lesions In: Swiss medical weekly 137, 40

Publications 2008

Original papers (peer-reviewed)

Ballmer-Weber, B K; Wüthrich, B (2008): Diagnostik. In: Jäger, L [et al.] (ed.), Nahrungsmittelallergien und -intoleranzen. Immunologie - Diagnostik - Therapie - Prophylaxe. München, DE, Elsevier, Urban & Fischer, 95-110

Ballmer-Weber, B K; Fernández-Rivas, M (2008): Food allergy: a clinician's criteria for including sera in a serum bank. In: Food and Chemical Toxicology 46(10 Suppl 1), S2-S5
<http://dx.doi.org/10.1016/j.fct.2008.07.018>

Ballmer-Weber, B K; Weber, J M; Vieths, S; Wüthrich, B (2008): Predictive value of the sulfidoleukotriene release assay in oral allergy syndrome to celery, hazelnut, and carrot. In: Journal of Investigational Allergology and Clinical Immunology 18(2), 93-99

Ballmer-Weber, B K; Wüthrich, B (2008): Therapie und Prävention. In: Jäger, L [et al.] (ed.), Nahrungsmittelallergien und -intoleranzen. Immunologie - Diagnostik - Therapie - Prophylaxe. München, DE, Elsevier, Urban & Fischer, 239-249

Benden, C; Speich, R; Hofbauer, G F; Irani, S; Eich-Wanger, C; Russi, E W; Weder, W; Boehler, A (2008): Extracorporeal photopheresis after lung transplantation: a 10-year single-center experience. In: Transplantation 86(11), 1625-1627
<http://dx.doi.org/10.1097/TP.0b013e31818bc024>

Bernier, J; Bonner, J; Vermorken, J B; Bensadoun, R J; Dummer, R; Giralt, J; Kornek, G; Hartley, A; Mesia, R; Robert, C; Segaret, S; Ang, K K (2008): Consensus guidelines for the management of radiation dermatitis and coexisting acne-like rash in patients receiving radiotherapy plus EGFR inhibitors for the treatment of squamous cell carcinoma of the head and neck. In: Annals of Oncology 19(1), 142-149
<http://dx.doi.org/10.1093/annonc/mdm400>

Braun, R P; Thomas, L; Kolm, I; French, L E; Marghoob, A A (2008): The furrow ink test: a clue for the dermoscopic diagnosis of acral melanoma vs nevus. In: Archives of Dermatology 144(12), 1618-1620
<http://dx.doi.org/10.1001/archderm.144.12.1618>

Contassot, E; Kerl, K; Roques, S; Shane, R; Gaide, O; Dupuis, M; Rook, A H; French, L E (2008): Resistance to FasL and tumor necrosis factor-related apoptosis-inducing ligand-mediated apoptosis in Sezary syndrome T-cells associated with impaired death receptor and FLICE-inhibitory protein expression. In: Blood 111(9), 4780-4787
<http://dx.doi.org/10.1182/blood-2007-08-109074>

Dissanayake, S K; Olkhanud, P B; O'Connell, M P; Carter, A; French, A D; Camilli, T C; Emeche, C D; Hewitt, K J; Rosenthal, D T; Leotlela, P D; Wade, M S; Yang, S W; Brant, L; Nickoloff, B J; Messina, J L; Biragyn, A; Hoek, K S; Taub, D D; Longo, D L; Sondak, V K; Hewitt, S M; Weeraratna, A T (2008): Wnt5A regulates expression of tumor-associated antigens in melanoma via changes in signal transducers and activators of transcription 3 phosphorylation. In: Cancer Research 68(24), 10205-10214
<http://dx.doi.org/10.1158/0008-5472.CAN-08-2149>

Dummer, R; Dreyling, M (2008): Primary cutaneous lymphoma: ESMO clinical recommendations for diagnosis, treatment and follow-up. In: Annals of Oncology 19(Suppl 2), ii72-ii76
<http://dx.doi.org/10.1093/annonc/mdn095>

Dummer, R; Hauschild, A; Becker, J C; Grob, J J; Schadendorf, D; Tebbes, V; Skalsky, J; Kaehler, K C; Moosbauer, S; Clark, R; Meng, T C; Urosevic, M (2008): An exploratory study of systemic administration of the toll-like receptor-7 agonist 852A in patients with refractory metastatic melanoma. In: Clinical Cancer Research 14(3), 856-864
<http://dx.doi.org/10.1158/1078-0432.CCR-07-1938>

Dummer, R; Hauschild, A; Jost, L (2008): Cutaneous malignant melanoma: ESMO clinical recommendations for diagnosis, treatment and follow-up. In: Annals of Oncology 19(Suppl 2), ii86-ii88
<http://dx.doi.org/10.1093/annonc/mdn100>

Dummer, R; Rochlitz, C; Velu, T; Acres, B; Limacher, J M; Bleuzen, P; Lacoste, G; Slos, P; Romero, P; Urosevic, M (2008): Intralesional adenovirus-mediated interleukin-2 gene transfer for advanced solid cancers and melanoma. In: Molecular Therapy 16(5), 985-994
<http://dx.doi.org/10.1038/mt.2008.32>

Eggermont, A M M; Suci, S; Santinami, M; Testori, A; Kruit, W H J; Marsden, J; Punt, C J A; Salès, F; Gore, M; Mackie, R; Kusic, Z; Dummer, R; Hauschild, A; Musat, E; Spatz, A; Keilholz, U (2008): Adjuvant therapy with pegylated interferon alfa-2b versus observation alone in resected stage III melanoma: final results of EORTC 18991, a randomised phase III trial. In: Lancet 372(9633), 117-126
[http://dx.doi.org/10.1016/S0140-6736\(08\)61033-8](http://dx.doi.org/10.1016/S0140-6736(08)61033-8)

Garbe, C; Radny, P; Linse, R; Dummer, R; Gutzmer, R; Ulrich, J; Stadler, R; Weichenthal, M; Eigentler, T K; Ellwanger, U; Hauschild, A (2008): Adjuvant low-dose interferon (alpha)2a with or without dacarbazine compared with surgery alone: a prospective-randomized phase III DeCOG trial in melanoma patients with regional lymph node metastasis. In: Annals of Oncology 19(6), 1195-1201
<http://dx.doi.org/10.1093/annonc/mdn001>

Garbe, C; Schadendorf, D; Stolz, W; Volkenandt, M; Reinhold, U; Kortschak, R D; Kettelhack, C; Frerich, B; Keilholz, U; Dummer, R; Sebastian, G; Tilgen, W; Schuler, G; Mackensen, A; Kaufmann, R; Hauschild, A (2008): Short German guidelines: malignant melanoma. In: *Journal der Deutschen Dermatologischen Gesellschaft* 6(Suppl 1), S9-S14
<http://dx.doi.org/10.1111/j.1610-0387.2008.06711.x>

Geiges, M L (2008): Hundert Blicke auf ein "Büggeli": Visualisierung in der universitären Lehre am Beispiel der Dermatologie. In: Ritzmann, I; Schmeer, W; Wolff, E (ed.), *Innenansichten einer Ärzteschmiede: lehren, lernen und leben - aus der Geschichte des Zürcher Medizinstudiums*. Zürich, CH, Chronos, 185-209

Golling, P; Cozzio, A; Dummer, R; French, L; Kempf, W (2008): Primary cutaneous B-cell lymphomas: clinicopathological, prognostic and therapeutic characterisation of 54 cases according to the WHO-EORTC classification and the ISCL/EORTC TNM classification system for primary cutaneous lymphomas other than mycosis fungoides and Sezary syndrome. In: *Leukemia and Lymphoma* 49(6), 1094-1103
<http://dx.doi.org/10.1080/10428190802064925>

Guggenheim, M; Dummer, R; Jung, F J; Mihic-Probst, D; Steiner, H; Rousson, V; French, L E; Giovanoli, P (2008): The influence of sentinel lymph node tumour burden on additional lymph node involvement and disease-free survival in cutaneous melanoma - a retrospective analysis of 392 cases. In: *British Journal of Cancer* 98(12), 1922-1928
<http://dx.doi.org/10.1038/sj.bjc.6604407>

Hafner, J; Hess Schmid, M; Läubli, S; Schärer, L; Burg, G (2008): Squamous Cell Carcinoma. In: Rusciani, L; Robins, P (ed.), *Textbook of Dermatologic Surgery*. Padova Italia, Piccin Nuova Libreria S.p.A., 347-375

Hauschild, A; Dummer, R; Ugurel, S; Kaehler, K C; Egberts, F; Fink, W; Both-Skalsky, J; Laetsch, B; Schadendorf, D (2008): Combined treatment with pegylated interferon-alpha-2a and dacarbazine in patients with advanced metastatic melanoma: a phase 2 study. In: *Cancer* 113(6), 1404-1411
<http://dx.doi.org/10.1002/cncr.23722>

Hoek, K S; Eichhoff, O M; Schlegel, N C; Döbbeling, U; Kober, N; Schaerer, L; Hemmi, S; Dummer, R (2008): In vivo switching of human melanoma cells between proliferative and invasive states. In: *Cancer Research* 68(3), 650-656
<http://dx.doi.org/10.1158/0008-5472.CAN-07-2491>

Hoek, K S; Schlegel, N C; Eichhoff, O M; Widmer, D S; Praetorius, C; Einarsson, S O; Valgeirsdottir, S; Bergsteinsdottir, K; Schepsky, A; Dummer, R; Steingrimsdottir, E (2008): Novel MITF

targets identified using a two-step DNA microarray strategy. In: *Pigment Cell & Melanoma Research* 21(6), 665-676
<http://dx.doi.org/10.1111/j.1755-148X.2008.00505.x>

Hofbauer, G F L; Baur, T; Bonnet, M C; Tarrat, E; Burg, G; Bernstein, N L; Dummer, R (2008): Clinical phase I intratumoral administration of two recombinant ALVAC canarypox viruses expressing human granulocyte-macrophage colony-stimulating factor or interleukin-2: the transgene determines the composition of the inflammatory infiltrate. In: *Melanoma Research* 18(2), 104-111

Hofbauer, G F L; Marcollo-Pini, A; Corsenca, A; Kistler, A D; French, L E; Wüthrich, R P; Serra, A L (2008): The mTOR inhibitor rapamycin significantly improves facial angiofibroma lesions in a patient with tuberous sclerosis. In: *British Journal of Dermatology* 159(2), 473-475
<http://dx.doi.org/10.1111/j.1365-2133.2008.08677.x>

Hofmann, S C; Voith, U; Sasaki, T; Trüeb, R M; Nischt, R; Bruckner-Tuderman, L (2008): The autoantigen in anti-p200 pemphigoid is synthesized by keratinocytes and fibroblasts and is distinct from nidogen-2. In: *Journal of Investigative Dermatology* 128(1), 87-95
<http://dx.doi.org/10.1038/sj.jid.5700952>

Huber, C; Bottonakis, I; Hafner, J (2008): Verbesserung der Kompressionstherapie im retromalleolären Raum durch Pelotten. In: *Phlebologie* 37(1), 7-9

Johansen, P; Senti, G; Martínez Gómez, J; Kündig, T M (2008): Medication with antihistamines impairs allergen-specific immunotherapy in mice. In: *Clinical and Experimental Allergy* 38(3), 512-519
<http://dx.doi.org/10.1111/j.1365-2222.2007.02904.x>

Johansen, P; Storni, T; Rettig, L; Qiu, Z; Der-Sarkissian, A; Smith, K A; Manolova, V; Lang, K S; Senti, G; Müllhaupt, B; Gerlach, T; Speck, R F; Bot, A M; Kündig, T M (2008): Antigen kinetics determines immune reactivity. In: *Proceedings of the National Academy of Sciences of the United States of America* 105(13), 5189-5194
<http://dx.doi.org/10.1073/pnas.0706296105>

Kazakov, D V; Kutzner, H; Spagnolo, D V; Kempf, W; Zelger, B; Mukensnabl, P; Michal, M (2008): Sebaceous differentiation in poroid neoplasms: report of 11 cases, including a case of metaplastic carcinoma associated with apocrine poroma (sarcomatoid apocrine porocarcinoma). In: *American Journal of Dermatopathology* 30(1), 21-26
<http://dx.doi.org/10.1097/DAD.0b013e31815f2ae3>

- Kempf, W; Kutzner, H; Cozzio, A; Sander, C A; Pfaltz, M C; Müller, B; Pfaltz, M (2008): MUM1 expression in cutaneous CD30+ lymphoproliferative disorders: a valuable tool for the distinction between lymphomatoid papulosis and primary cutaneous anaplastic large-cell lymphoma. In: *British Journal of Dermatology* 158(6), 1280-1287
<http://dx.doi.org/10.1111/j.1365-2133.2008.08566.x>
- Kempf, W; Ostheeren-Michaelis, S; Paulli, M; Lucioni, M; Wechsler, J; Audring, H; Assaf, C; Rüdiger, T; Willemze, R; Meijer, C J L M; Bertini, E; Cerroni, L; Santucci, M; Hallermann, C; Berneburg, M; Chimenti, S; Robson, A; Marschalko, M; Kazakov, D V; Petrella, T; Freitag, S; Carlotti, A; Courville, P; Laeng, H; Knobler, R; Golling, P; Dummer, R; Burg, G (2008): Granulomatous mycosis fungoides and granulomatous slack skin: a multicenter study of the Cutaneous Lymphoma Histopathology Task Force Group of the European Organization For Research and Treatment of Cancer (EORTC). In: *Archives of Dermatology* 144(12), 1609-1617
<http://dx.doi.org/10.1001/archdermatol.2008.46>
- Kolev, V; Mandinova, A; Guinea-Viniegra, J; Hu, B; Lefort, K; Lambertini, C; Neel, V; Dummer, R; Wagner, E F; Dotto, G P (2008): EGFR signalling as a negative regulator of Notch1 gene transcription and function in proliferating keratinocytes and cancer. In: *Nature Cell Biology* 10(8), 902-911
<http://dx.doi.org/10.1038/ncb1750>
- Lin, W M; Baker, A C; Beroukhim, R; Winckler, W; Feng, W; Marmion, J M; Laine, E; Greulich, H; Tseng, H; Gates, C; Hodi, F S; Dranoff, G; Sellers, W R; Thomas, R K; Meyerson, M; Golub, T R; Dummer, R; Herlyn, M; Getz, G; Garraway, L A (2008): Modeling genomic diversity and tumor dependency in malignant melanoma. In: *Cancer Research* 68(3), 664-673
<http://dx.doi.org/10.1158/0008-5472.CAN-07-2615>
- Mangana, J; Zipser, M C; Conrad, C; Oberholzer, P A; Cozzio, A; Knuth, A; French, L E; Dummer, R (2008): Skin problems associated with pegylated liposomal doxorubicin-more than palmo-plantar erythrodysesthesia syndrome. In: *European Journal of Dermatology* 18(5), 566-570
- Martínez Gómez, J M; Csaba, N; Fischer, S; Sichelstiel, A; Kündig, T M; Gander, B; Johansen, P (2008): Surface coating of PLGA microparticles with protamine enhances their immunological performance through facilitated phagocytosis. In: *Journal of Controlled Release* 130(2), 161-167
<http://dx.doi.org/10.1016/j.jconrel.2008.06.003>
- Matin, R N; Mesher, D; Proby, C M; McGregor, J M; Bouwes Bavinck, J N; del Marmol, V; Euvrard, S; Ferrandiz, C; Geusau, A; Hackethal, M; Ho, W L; Hofbauer, G F L; Imko-Walczuk, B; Kanitakis, J; Lally, A; Lear, J T; Lebbe, C; Murphy, G M; Piaserico, S; Seckin, D; Stockfleth, E; Ulrich, C; Wojnarowska, F T; Lin, H Y; Balch, C; Harwood, C A (2008): Melanoma in organ transplant recipients: clinicopathological features and outcome in 100 cases. In: *American Journal of Transplantation* 8(9), 1891-1900
<http://dx.doi.org/10.1111/j.1600-6143.2008.02326.x>
- Menzies, S W; Kreusch, J; Byth, K; Pizzichetta, M A; Marghoob, A; Braun, R; Malvey, J; Puig, S; Argenziano, G; Zalaudek, I; Rabinovitz, H S; Oliviero, M; Cabo, H; Ahlgrimm-Siess, V; Avramidis, M; Guitera, P; Soyer, H P; Ghigliotti, G; Tanaka, M; Perusquia, A M; Pagnanelli, G; Bono, R; Thomas, L; Pellacani, G; Langford, D; Piccolo, D; Terstappen, K; Stanganelli, I; Lambrich, A; Jorh, R (2008): Dermoscopic evaluation of amelanotic and hypomelanotic melanoma. In: *Archives of Dermatology* 144(9), 1120-1127
<http://dx.doi.org/10.1001/archderm.144.9.1120>
- Oberholzer, P A; Urosevic, M; Steiner, H C; Dummer, R (2008): Baseline staging of melanoma with unknown primary site: the value of serum s100 protein and positron emission tomography. In: *Dermatology* 217(4), 351-355
<http://dx.doi.org/10.1159/000155878>
- Oberhuber, C; Bulley, S M; Ballmer-Weber, B K; Bublin, M; Gaiser, S; DeWitt, A M; Briza, P; Hofstetter, G; Lidholm, J; Vieths, S; Hoffmann-Sommergruber, K (2008): Characterization of Bet v 1-related allergens from kiwifruit relevant for patients with combined kiwifruit and birch pollen allergy. In: *Molecular Nutrition & Food Research* 52(Suppl 2), S230-S240
<http://dx.doi.org/10.1002/mnfr.200800146>
- Reschke, M; Mihic-Probst, D; van der Horst, E H; Knyazev, P; Wild, P J; Hutterer, M; Meyer, S; Dummer, R; Moch, H; Ullrich, A (2008): HER3 is a determinant for poor prognosis in melanoma. In: *Clinical Cancer Research* 14(16), 5188-5197
<http://dx.doi.org/10.1158/1078-0432.CCR-08-0186>
- Revencu, N; Boon, L M; Mulliken, J B; Enjolras, O; Cordisco, M R; Burrows, P E; Clapuyt, P; Hammer, F; Dubois, J; Baselga, E; Brancati, F; Carder, R; Quintal, J M C; Dallapiccola, B; Fischer, G; Frieden, I J; Garzon, M; Harper, J; Johnson-Patel, J; Labrèze, C; Martorell, L; Paltiel, H J; Pohl, A; Prendiville, J; Quere, I; Siegel, D H; Valente, E M; Van Hagen, A; Van Hest, L; Vaux, K K; Vicente, A; Weibel, L; Chitayat, D; Vikkula, M (2008): Parkes Weber syndrome, vein of Galen aneurysmal malformation, and other fast-flow vascular anomalies are caused by RASA1 mutations. In: *Human Mutation* 29(7), 959-965
<http://dx.doi.org/10.1002/humu.20746>
- Rousseau, B; Ge, P; French, L C; Zelear, D L; Thibeault, S L; Ossoff, R H (2008): Experimentally induced phonation increases matrix metalloproteinase-1 gene expression in normal rabbit vocal fold. In: *Otolaryngology - Head and Neck Surgery* 138(1), 62-68
<http://dx.doi.org/10.1016/j.otohns.2007.10.024>

- Sanchez-Politta, S; Favet, L; Kerl, K; Dietrich, P Y; Piguët, V (2008): Bortezomib-induced skin eruption. In: *Dermatology* 216(2), 156-158
<http://dx.doi.org/10.1159/000111513>
- Schneider, M R; Antsiferova, M; Feldmeyer, L; Dahlhoff, M; Bugnon, P; Hasse, S; Paus, R; Wolf, E; Werner, S (2008): Betacellulin regulates hair follicle development and hair cycle induction and enhances angiogenesis in wounded skin. In: *Journal of Investigative Dermatology* 128(5), 1256-1265
<http://dx.doi.org/10.1038/sj.jid.5701135>
- Schuler, P; Contassot, E; Irla, M; Hugues, S; Preynat-Seauve, O; Beermann, F; Donda, A; French, L E; Huard, B (2008): Direct presentation of a melanocyte-associated antigen in peripheral lymph nodes induces cytotoxic CD8+ T cells. In: *Cancer Research* 68(20), 8410-8418
<http://dx.doi.org/10.1158/0008-5472.CAN-08-0809>
- Scibilia, J; Pastorello, E A; Zisa, G; Ottolenghi, A; Ballmer-Weber, B; Pravettoni, V; Scovena, E; Robino, A; Ortolani, C (2008): Maltose food allergy: a double-blind placebo-controlled study. In: *Clinical and Experimental Allergy* 38(12), 1943-1949
<http://dx.doi.org/10.1111/j.1365-2222.2008.03094.x>
- Scope, A; Dusza, S W; Halpern, A C; Rabinovitz, H; Braun, R P; Zalaudek, I; Argenziano, G; Marghoob, A A (2008): The "ugly duckling" sign: agreement between observers. In: *Archives of Dermatology* 144(1), 58-64
<http://dx.doi.org/10.1001/archdermatol.2007.15>
- Senti, G; Prinz Vavricka, B M; Erdmann, I; Diaz, M I; Markus, R; McCormack, S J; Simard, J J; Wüthrich, B; Cramer, R; Graf, N; Johansen, P; Kündig, T M (2008): Intralymphatic allergen administration renders specific immunotherapy faster and safer: a randomized controlled trial. In: *Proceedings of the National Academy of Sciences of the United States of America* 105(46), 17908-17912
<http://dx.doi.org/10.1073/pnas.0803725105>
- Spieth, K; Kaufmann, R; Dummer, R; Garbe, C; Becker, J C; Hauschild, A; Tilgen, W; Ugurel, S; Beyeler, M; Bröcker, E B; Kaehler, K C; Pföhler, C; Gille, J; Leiter, U; Schadendorf, D (2008): Temozolomide plus pegylated interferon alfa-2b as first-line treatment for stage IV melanoma: a multicenter phase II trial of the dermatologic cooperative oncology group (DeCOG). In: *Annals of Oncology* 19(4), 801-806
<http://dx.doi.org/10.1093/annonc/mdm565>
- Stadler, R; Assaf, C; Klemke, C D; Nashan, D; Weichenthal, M; Dummer, R; Sterry, W (2008): Short German guidelines: cutaneous lymphomas. In: *Journal der Deutschen Dermatologischen* Gesellschaft 6(Suppl 1), S25-S31
<http://dx.doi.org/10.1111/j.1610-0387.2008.06710.x>
- Strobel, K; Dummer, R; Steiner, H C; Baumann, Conzett, K; Schad, K; Pérez Lago, M; Soyka, J D; Veit-Haibach, P; Seifert, B; Kalff, V (2008): Chemotherapy response assessment in stage IV melanoma patients-comparison of (18)F-FDG-PET/CT, CT, brain MRI, and tumormarker S-100B. In: *European Journal of Nuclear Medicine and Molecular Imaging* 35(10), 1786-1795
<http://dx.doi.org/doi:10.1007/s00259-008-0806-1>
- Syed, S; Weibel, L; Kennedy, H; Harper, J I (2008): A pilot study showing pulsed-dye laser treatment improves localized areas of chronic atopic dermatitis. In: *Clinical and Experimental Dermatology* 33(3), 243-248
<http://dx.doi.org/10.1111/j.1365-2230.2007.02644.x>
- Szeimies, R M; Ibbotson, S; Murrell, D F; Rubel, D; Frambach, Y; de Berker, D; Dummer, R; Kerrouche, N; Villemagne, H (2008): A clinical study comparing methyl aminolevulinat photodynamic therapy and surgery in small superficial basal cell carcinoma (8-20 mm), with a 12-month follow-up. In: *Journal of the European Academy of Dermatology and Venereology* 22(11), 1302-1311
<http://dx.doi.org/10.1111/j.1468-3083.2008.02803.x>
- Truzzi, F; Marconi, A; Lotti, R; Dallaglio, K; French, L E; Hempstead, B L; Pincelli, C (2008): Neurotrophins and their receptors stimulate melanoma cell proliferation and migration. In: *Journal of Investigative Dermatology* 128(8), 2031-2040
<http://dx.doi.org/10.1038/jid.2008.21>
- Trüeb, R M (2008): Haar pflege und äkosmetik. In: Kerscher, M (ed.), *Dermatocosmetik*. Darmstadt, DE, Steinkopff, 185-212
- Tun-Kyi, A; Qin, J Z; Oberholzer, P A; Navarini, A A; Hassel, J C; Dummer, R; Döbbeling, U (2008): Arsenic trioxide down-regulates antiapoptotic genes and induces cell death in mycosis fungoides tumors in a mouse model. In: *Annals of Oncology* 19(8), 1488-1494
<http://dx.doi.org/10.1093/annonc/mdn056>
- Töndury, B; Wüthrich, B; Schmid-Grendelmeier, P; Seifert, B; Ballmer-Weber, B K (2008): Histaminintoleranz: Wie sinnvoll ist die Bestimmung der Diaminoxidase-Aktivität im Serum in der alltäglichen klinischen Praxis?. In: *Allergologie* 31(8), 350-356
- Vieths, S; Reese, G; Ballmer-Weber, B K; Beyer, K; Burney, P; Fernandez-Rivas, M; Summers, C; van Ree, R; Mills, C (2008): The serum bank of EuroPrevall - the prevalence, cost and basis of food allergy across Europe. In: *Food and Chemical Toxicology* 46(10 Suppl 1), S12-S14
<http://dx.doi.org/10.1016/j.fct.2008.07.020>

Wang, S Q; Dusza, S W; Scope, A; Braun, R P; Kopf, A W; Marghoob, A A (2008): Differences in dermoscopic images from nonpolarized dermoscope and polarized dermoscope influence the diagnostic accuracy and confidence level: a pilot study. In: *Dermatologic Surgery* 34(10), 1389-1395
<http://dx.doi.org/10.1111/j.1524-4725.2008.34293.x>

Watanabe, H; Gehrke, S; Contassot, E; Roques, S; Tschopp, J; Friedmann, P S; French, L E; Gaide, O (2008): Danger signaling through the inflammasome acts as a master switch between tolerance and sensitization. In: *Journal of Immunology* 180(9), 5826-5832

Weibel, L; Harper, J I (2008): Linear morphoea follows Blaschko's lines. In: *British Journal of Dermatology* 159(1), 175-181
<http://dx.doi.org/10.1111/j.1365-2133.2008.08647.x>

Wüthrich, B; Ballmer-Weber, B K (2008): Klinik der Nahrungsmittelallergien. In: Jäger, L [et al.] (ed.), *Nahrungsmittelallergien und -intoleranzen*. München, DE, Elsevier, Urban & Fischer, 63-77

Zimmerli, S C; Kerl, K; Hadj-Rabia, S; Hohl, D; Hauser, C (2008): Human epidermal Langerhans cells express the tight junction protein claudin-1 and are present in human genetic claudin-1 deficiency (NISCH syndrome). In: *Experimental Dermatology* 17(1), 20-23
<http://dx.doi.org/10.1111/j.1600-0625.2007.00624.x>

Reviews, editorials & commentaries (reviewed)

Ballmer-Weber, B K; Vieths, S (2008): Soy allergy in perspective. In: *Current Opinion in Allergy and Clinical Immunology* 8(3), 270-275
<http://dx.doi.org/10.1097/ACI.0b013e3282ffb157>

Beyeler, M; Hoek, K; Dummer, R (2008): Voodoo medicine still going strong: a tale of melanoma, faith, and failure. In: *Archives of Dermatology* 144(1), 121-122
<http://dx.doi.org/10.1001/archdermatol.2007.21>

Bregy, A; Trüeb, R M (2008): No association between serum ferritin levels >10 microg/l and hair loss activity in women. In: *Dermatology* 217(1), 1-6
<http://dx.doi.org/10.1159/000118505>

Cozzio, A; French, L E (2008): T-cell clonality assays: how do they compare?. In: *Journal of Investigative Dermatology* 128(4), 771-773
<http://dx.doi.org/10.1038/jid.2008.49>

Crevel, R W R; Ballmer-Weber, B K; Holzhauser, T; Hourihane, J O B; Knulst, A C; Mackie, A R; Timmermans, F; Taylor, S L (2008): Thresholds for food allergens and their value to different stake-

holders. In: *Allergy* 63(5), 597-609
<http://dx.doi.org/10.1111/j.1398-9995.2008.01636.x>

Dummer, R (2008): Pigmentnävi und maligne Hauttumoren: Erstrangige Problematik à leidiger Podestplatz für die Schweiz. In: *Hausarzt Praxis* 19, 7

Dummer, R; Hofer, T (2008): Der Nationale Hautkrebstag vom 07. Mai 2007: Eine kritische Auswertung. In: *Dermatologica Helvetica* (2), 8-10

Dummer, R; Hofer, T (2008): Vielen Dank für Ihr Engagement am nationalen Hautkrebstag, 05. Mai 2008! Hier ein kurzer Bericht. In: *Dermatologica Helvetica* (10), 12-15

Dummer, R; Schadendorf, D (2008): How melanoma is treated in real life. In: *Archives of Dermatology* 144(5), 664-665
<http://dx.doi.org/10.1001/archderm.144.5.664>

Enderlin, V; Dummer, R (2008): Vielfalt der malignen Hauttumoren: Früherkennung, differenzierte Therapie und Nachsorge. In: *Hausarzt Praxis* 19, 15-19

Garbe, C; Hauschild, A; Volkenandt, M; Schadendorf, D; Stolz, W; Reinhold, U; Kottmann, R D; Kettelhack, C; Frerich, B; Keilholz, U; Dummer, R; Sebastian, G; Tilgen, W; Schuler, G; Mackensen, A; Kaufmann, R (2008): Evidence and interdisciplinary consensus-based German guidelines: surgical treatment and radiotherapy of melanoma. In: *Melanoma Research* 18(1), 61-67

Garbe, C; Hauschild, A; Volkenandt, M; Schadendorf, D; Stolz, W; Reinhold, U; Kottmann, R D; Kettelhack, C; Frerich, B; Keilholz, U; Dummer, R; Sebastian, G; Tilgen, W; Schuler, G; Mackensen, A; Kaufmann, R (2008): Evidence-based and interdisciplinary consensus-based German guidelines: systemic medical treatment of melanoma in the adjuvant and palliative setting. In: *Melanoma Research* 18(2), 152-160

Geiges, M L (2008): Bruno Bloch. In: Löser, C [et al.] (ed.), *Pantheon der Dermatologie. Herausragende historische Persönlichkeiten*. Heidelberg, DE, Springer Medizin Verlag, 98-104

Geiges, M L (2008): Felix Lewandowsky. In: Löser, C [et al.] (ed.), *Pantheon der Dermatologie. Herausragende historische Persönlichkeiten*. Heidelberg, DE, Springer Medizin Verlag, 635-641

Geiges, M L (2008): Hulusi Behçet. In: Löser, C [et al.] (ed.), *Pantheon der Dermatologie. Herausragende historische Persönlichkeiten*. Heidelberg, DE, Springer Medizin Verlag, 77-80

Geiges, M L (2008): Josef Jadassohn. In: Löser, C [et al.] (ed.), *Pantheon der Dermatologie. Herausragende historische Persönlichkeiten*. Heidelberg, DE, Springer Medizin Verlag, 508-514

- Hoek, K S (2008): Genesifter, leading the blind. In: *Pigment Cell & Melanoma Research* 21(5), 588-589
<http://dx.doi.org/10.1111/j.1755-148X.2008.00494.x>
- Hofbauer, G F L; Neuhaus Bühler, R P; French, L E; Brockes, M; Scheuer, E (2008): Patient-centered care in dermatology: an online system that provides accessible and appropriate information to guide patients' decision making. In: *Archives of Dermatology* 144(9), 1225-1227
<http://dx.doi.org/10.1001/archderm.144.9.1225>
- Khelifa, E; Tschanz, C; Masouyé, I; Kerl, K; Borradori, L (2008): A rare tumour of the nail apparatus: onychomatricoma. In: *Journal of the European Academy of Dermatology and Venereology* 22(9), 1127-1128
<http://dx.doi.org/10.1111/j.1468-3083.2007.02531.x>
- Marcollo Pini, A; Kerl, K; Kamarachev, J; French, L E; Hofbauer, G F L (2008): Interstitial granulomatous drug reaction following intravenous ganciclovir. In: *British Journal of Dermatology* 158(6), 1391-1393
<http://dx.doi.org/10.1111/j.1365-2133.2008.08560.x>
- Pavlovic, M; Kamarachev, J; Adamic, M (2008): Primarily cutaneous epidermotropic marginal zone B-cell lymphoma: a role for antihistamines in maintaining lymphoma cell growth?. In: *Journal of the European Academy of Dermatology and Venereology* 22(8), 1012-1014
<http://dx.doi.org/10.1111/j.1468-3083.2007.02522.x>
- Pini, A M; Koch, S; Schärer, L; French, L E; Läubli, S; Hofbauer, G F L (2008): Eruptive keratoacanthoma following topical imiquimod for in situ squamous cell carcinoma of the skin in a renal transplant recipient. In: *Journal of the American Academy of Dermatology* 59(5), S116-S117
<http://dx.doi.org/10.1016/j.jaad.2008.06.018>
- Scherer, K; Ballmer-Weber, B K; Bircher, A J (2008): Highlights in nonhymenoptera anaphylaxis. In: *Current Opinion in Allergy and Clinical Immunology* 8(4), 348-353
- Scope, A; Zalaudek, I; Ferrara, G; Argenziano, G; Braun, R P; Marghoob, A A (2008): Remodeling of the dermoepidermal junction in superficial spreading melanoma: insights gained from correlation of dermoscopy, reflectance confocal microscopy, and histopathologic analysis. In: *Archives of Dermatology* 144(12), 1644-1649
<http://dx.doi.org/10.1001/archdermatol.2008.504>
- Stapel, S O; Asero, R; Ballmer-Weber, B K; Knol, E F; Strobel, S; Vieths, S; Kleine-Tebbe, J (2008): Testing for IgG4 against foods is not recommended as a diagnostic tool: EAACI task force report. In: *Allergy* 63(7), 793-796
<http://dx.doi.org/10.1111/j.1398-9995.2008.01705.x>
- Steckelbroeck, S; Ballmer-Weber, B K; Vieths, S (2008): Potential pitfalls, and prospects of food allergy diagnostics with recombinant allergens or synthetic sequential epitopes. In: *Journal of Allergy and Clinical Immunology* 121(6), 1323-1330
<http://dx.doi.org/10.1016/j.jaci.2008.04.008>
- Trüeb, R M (2008): Das Haar im Alter. In: *Haut* 163(4), 152-155
- Trüeb, R M (2008): Das Tao des langen Lebens. In: *Aktuelle Dermatologie* 34(08/09), 342-349
<http://dx.doi.org/10.1055/s-2008-1077552>
- Trüeb, R M (2008): Hyper trichose. In: *Hautarzt* 59(4), 325-338
<http://dx.doi.org/10.1007/s00105-008-1489-z>
- Urosevic, M; Dummer, R (2008): Human leukocyte antigen-G and cancer immunoediting. In: *Cancer Research* 68(3), 627-630
<http://dx.doi.org/10.1158/0008-5472.CAN-07-2704>
- von Moos, R; Thuerlimann, B J K; Aapro, M; Rayson, D; Harrold, aaaaaK; Sehouli, J; Scotte, F; Lorusso, D; Dummer, R; Lacouture, M E; Lademann, J; Hauschild, A (2008): Pegylated liposomal doxorubicin-associated hand-foot syndrome: recommendations of an international panel of experts. In: *European Journal of Cancer* 44(6), 781-790
<http://dx.doi.org/10.1016/j.ejca.2008.01.028>
- Weibel, L (2008): Die Morphea sollte früh erkannt werden. In: *Dermatologie Praxis* (5), 10-12
- Reviews, editorials & commentaries (not reviewed)**
- Geiges, M L (2008): Tagungsberichte. In: *Journal der Deutschen Dermatologischen Gesellschaft* 6(7), 604-605
<http://dx.doi.org/10.1111/j.1610-0387.2008.06803.x>
- Hafner, J (2008): Ecksteine in der modernen Versorgung von Unterschenkelulzera. In: *Medicos* (3), 2-8
- Trüeb, R M (2008): Wirksam gegen Falten vorgehen: Wundheilungs-Forschung trifft auf Anti-Aging-Medizin. In: *Dermatologie Praxis* 4, 16-18







**University Hospital
Zurich**

University Hospital Zurich
Department of Dermatology
Gloriastrasse 31
8091 Zurich

www.dermatologie.unispital.ch
info@unispital.ch

