

DEPARTMENT OF DERMATOLOGY AND CUTANEOUS BIOLOGY  
JEFFERSON MEDICAL COLLEGE

STATEMENT OF THE CHAIR

Academic Year 2006

Jouni Uitto, M.D., Ph.D.

August 15, 2006

PREFACE

In 1866, Jefferson established a lectureship in dermatology and venereal diseases, being the third school in the country to do so, just after Harvard and Bellevue (which became part of New York University). When my predecessor, Dr. Herbert A. Luscombe was selected as chairman in 1959, the dermatology residency program at Jefferson was accredited for only two years; the third year consisted of a didactic course at the Graduate School of the University of Pennsylvania. In 1975, the program achieved full status with all three years being offered.

The year 2006 marks my 20<sup>th</sup> year as the Chair of the Department of Dermatology and Cutaneous Biology at Jefferson Medical College. It is quite apparent that we have made great strides during the past 141 years. Looking back, I have observed the expansion of the Department and the University, and I have been a witness to the extraordinary growth in academic enterprise. When I assumed the Chair in November 1986, the full-time faculty of the Department consisted of one lone full-time academician. We currently have a full-time faculty of 20, comprising of 8 clinicians and 12 research faculty; the total number of trainees currently stands at 16, and the total personnel of the department is about 80.

Our clinical enterprise continues to flourish noted by the increasing demand for our clinical services.

However, the continued inability to offer equitable financial incentives to academic dermatologists looms over us and poses as a substantial threat to the overall financial health of the department.

Like many other departments at Jefferson, Dermatology continues to face the challenge of increasing costs and expenses. Cutbacks in the guise of reduced reimbursements, soaring of malpractice costs, reductions in the institutional support for growth and maintenance of the departmental infrastructure and a shrinking faculty, all pose serious threats to our continued ability to fulfill the Departmental mission in education, clinical care and research. Despite daunting circumstances, our department remains proud of its standing as one of the leading institutions nationwide in providing quality dermatologic care and performing state-of-the-art cutaneous biology research.

I am pleased to present this report on the clinical, teaching, and research activities of the Department of Dermatology and Cutaneous Biology at Jefferson Medical College during the Academic year 2006.

### **CLINICAL ACTIVITIES**

Our clinical enterprise, under the leadership and guidance of Young C. Kauh, MD, Professor and Senior Vice Chair of Departmental Development, and Jason B. Lee., MD, Clinical Associate Professor, has experienced continued growth. I am pleased to inform you that Dr. Lee was recently appointed as Vice Chair of the Department of Dermatology and Cutaneous Biology and continues to serve as Director of Dermatopathology as well as the Program Director of our Residency Training Program. Patient demand for dermatology services continues while we seek to expand our clinical faculty so that we may accommodate this growing population. The remaining clinical faculty, comprised of Dr. Tanya Humphreys, Director of

Cutaneous Surgery; Dr. Patrice Hyde, Chief of Pediatric Dermatology; Dr. Stacy Katchman, Clinical Assistant Professor of Dermatology; Dr. Kehua Li, Assistant Professor of Dermatology; and Dr. Franziska Ringpfeil, Assistant Professor of Dermatology; have contributed much to our overall clinical practice success. During this academic year, our clinical faculty has valiantly kept up with the workplace demands of an increasing patient load, despite our inability to recruit faculty to replace the attendings who have left our full-time employment. We want to thank our present faculty for their long-term contributions and commitment to the Department's clinical activities.

Mr. Alan Strigga, the Departmental Business Manager, with the assistance of Ms. Karen Griffin, Director of Practice Operations, has been instrumental in maintaining the high quality of standards of our clinical operations. We thank them and the entire clinical office staff for their superb help and a job well done.

### **Specialty Services**

In addition to general dermatology, a number of specialty services are available to our patients at our Center City offices.

**The Cutaneous Surgery Unit**, headed by Dr. Tanya Humphreys, offers a state-of-the-art array of surgical services, including Mohs micrographic surgery, laser surgery, and a number of cosmetic procedures.

**The Division of Pediatric Dermatology**, is directed by Dr. Patrice Hyde who, in addition to our center city office, practices at A.I. DuPont Hospital for Children. Over the past several years, we have also expanded our pediatric dermatology services to Temple Children's Hospital under the direction of Dr. Franziska Ringpfeil.

### Dermatopathology:

The dermatopathology service of the Department of Dermatology and Cutaneous Biology is directed by Dr. Jason Lee, Clinical Associate Professor of Dermatology and Cutaneous Biology. Since joining us in 2002, his service has grown and provides an excellent source of teaching material for our residency training program. We have realigned our dermatopathology teaching with complementary services within the Department of Pathology that is responsible for hospital-based diagnostics. We expect our dermatopathology services to grow, and we look forward to a potential recruitment of an additional dermatopathologist in the near future.

### Molecular Diagnostics and Heritable Skin Diseases

The general clinical services are augmented by Molecular Diagnostics of Heritable Skin Diseases Clinic attended by myself. Our global referral base consists of patients with a spectrum of genodermatoses, such as various forms of epidermolysis bullosa, disorders of collagen and elastin, and various cornification disorders.

In summary, the clinical enterprise of the Department of Dermatology and Cutaneous Biology continues to offer broad and diversified specialty services to our patients, and we look forward to continued expansion of these services. The clinical faculty deserves my congratulations for their outstanding work.

## TEACHING

### Residency Training Program

Our Dermatology Residency Training Program continues to be fully accredited towards the eligibility for certification by the American Board of Dermatology. The program currently has twelve residents in good standing. In June 2006, three of our residents completed their training: The Chief Resident, Dr Gina Ang entered a Cutaneous Surgery fellowship at the Mayo Clinic as did Dr. Aradhna Saxena in California. Dr.

Reza Ghohestani returned to cutaneous biology research, within our department, and Dr. Janelle Shield entered private practice. I would also like to extend our thanks to our current chief resident, Dr. Heidi Kozic for doing an outstanding job.

### **Medical Student Teaching**

The Department participates in the medical student training by giving lectures in dermatology for the second year students. These lectures have been extremely well received by the students as judged from the evaluation feedback. In addition, the Department offers dermatology electives to the medical students, primarily from Jefferson Medical College, but space permitting, also from other universities. All the clinical work by the students is under direct supervision by the full-time clinical faculty.

In addition to medical students, our clinics have a number of rotating students, including House Staff members from other Jefferson Departments, as well as from other U.S. medical schools and from abroad. During this academic year, we have had several international clinical fellows from Korea and Brazil join us for a four to eight week rotation.

### **RESEARCH**

#### **Research Faculty**

Our research faculty has remained stable and has continued to be a successful in biomedical research. During the past year, Dr. Qiu Jie Jiang was appointed to the Faculty at the rank of Assistant Professor.

I would like to take this opportunity to discuss the recent cuts in NIH funding which has resulted in several of our research faculty resigning and returning to private sector. Dr. Gabriele Richard, now Adjunct Associate Professor of Dermatology and Cutaneous Biology and Dr. Ellen Pfendner, Assistant Professor of Dermatology and Cutaneous Biology have left our faculty and are now employed at GeneDx, a for-profit gene testing company, situated in Gaithersburg, MD. NIH funding, which over the years has supported dermatology research here at Jefferson, has remained steady, but there has been no increases as in years during the doubling of NIH budgets in 1999-2003. While the extramural support to our research has remained stable and the Department of Dermatology and Cutaneous Biology has continued to successfully compete for grant support from the National Institutes of Health and other sources, the challenge to hold our ground is ever present. The Department has remained among the top five dermatology departments in the country in NIH ranking, having been no. 1 in 1998.

In addition to NIH, Dr. Andrzej Fertala continues to receive grant support from NASA while Drs. Mÿ Mahoney, John Klement and Uli Rodeck have funding from the Department of Defense. Drs. Vitali Alexeev, Reza Ghohestani, Mÿ Mahoney, Fatima Rouan, Gabriele Richard and Franziska Ringpfeil have been recipients of Career Development Awards from a variety of sources, including the National Institutes of Health, Dermatology Foundation, and the American Skin Association. While these Career Development Awards are reaching their end, the challenge is to obtain steady funding that will guarantee continued support to the research of these young investigators. I would like to express our thanks to Dr. Mon-Li Chu, Professor and Vice Chair of Research, for her contributions in support of further development of our departmental research enterprise.

**Jefferson Institute of Molecular Medicine**

The Institute continues to serve as an umbrella for broad inter-departmental and inter-disciplinary research at Jefferson with emphasis on matrix biology and pathology, cancer biology and human molecular genetics. The Institute provides core facilities that serve not only the Departmental researchers but also the entire Jefferson research community at large. The current cores include: Tissue culture core (Director: Sara Sadowski); Morphology core (Director: Dr. David Birk; shared with the Department of Pathology); Transgenic animal facilities (Director: Dr. John F. Klement); and DNA syntheses and sequencing core (Director: Dr. Mon-Li Chu; shared with the Kimmel Cancer Center). Other functions of the Institute include organization of on-going seminar and science lecture series in coordination with Orthopedic Research and Rheumatology/Medicine as well as departmental research in progress series. I am pleased to announce that Dr. Ulrich Rodeck, Professor of Dermatology and Cutaneous Biology, has accepted the position as the Deputy Director of the Jefferson Institute of Molecular Medicine, primarily in charge of the long-term research planning.

### **DebRA Molecular Diagnostics Laboratory**

This laboratory was established in 1996 as a global referral center for molecular diagnostics of epidermolysis bullosa (EB), a group of heritable blistering disorders. This laboratory, a partnership between the lay organization, the Dystrophic Epidermolysis Bullosa Research Association of America, and the Department of Dermatology and Cutaneous Biology at Jefferson Medical College, has continued to provide DNA diagnostics to the global network of EB patients. In fact, as of today, the Center has analyzed DNA from over a thousand families with different forms of EB. Dr. Ellen Pfindner, Assistant Professor of Dermatology, has served as the Manager of this increasingly busy laboratory. Upon her departure from Jefferson, the managerial role has been taken over by Sara Sadowski, a talented young woman still taking graduate level classes. The laboratory has expanded its services to other heritable skin diseases, including various keratinization disorders, and over the past year, we have has partnered with PXE International,

Inc., a patient advocacy organization supporting research on the causes and treatment of pseudoxanthoma elasticum, a group of disorders characterized by calcification of elastic structures in the skin, eyes, and cardiovascular system. As a result of this partnership, the laboratory has identified disease-causing mutations in a cohort of ~200 families with PXE and has participated in development of a diagnostic kit for these mutations.

### **JEFFERSON CENTER FOR INTERNATIONAL DERMATOLOGY**

Over the past two decades, Jefferson Dermatology has become increasingly recognized as a leader in international dermatology. These activities are concentrated under the umbrella of Jefferson Center for International Dermatology which was established in 1987 to promote the exchange of information and dermatological knowledge within the global network of international dermatology. Within this framework, Jefferson Dermatology has continued to host visiting residents, scholars, and scientists from a variety of countries.

### **Summary**

The Department of Dermatology and Cutaneous Biology at Jefferson Medical College continues to excel in academic enterprise, including clinical activities, research endeavors and teaching programs. The quality of our research is attested to by our high ranking as one of the leaders in research in cutaneous biology and pathology. Our international relations continue to flourish and bring recognition not only to the Department but also to Jefferson Medical College at large. The Department is fully committed to further development of activities in the areas of research, education and patient care, to the maximum extent allowed by fiscal realities.

On behalf of the entire Department of Dermatology and Cutaneous Biology at Jefferson, I would like to thank the President and the Board of Trustees of Thomas Jefferson University, the Dean of Jefferson Medical College, and the President of Thomas Jefferson University Hospital, for their continued support to the programs of the Department of Dermatology and Cutaneous Biology.

Jouni Uitto, MD, PhD

Professor and Chair

Department of Dermatology and Cutaneous Biology

Director, Jefferson Institute of Molecular Medicine

**DEPARTMENT OF DERMATOLOGY AND CUTANEOUS BIOLOGY**  
**2005 - 2006**

**CHAIRMAN**

**Jouni Uitto, MD, PhD**, Professor of Dermatology and Cutaneous Biology; Professor of Biochemistry and Molecular Pharmacology (secondary appointment); Director, Jefferson Institute of Molecular Medicine

**VICE CHAIRS**

**Mon-Li Chu, PhD**, Professor and Vice Chair of Research, Department of Dermatology and Cutaneous Biology; Professor of Biochemistry and Molecular Pharmacology (secondary).

**Young C. Kauh, MD**, Professor and Senior Vice Chairman of Departmental Development, Department of Dermatology and Cutaneous Biology

**Jason B. Lee, MD**, Vice-Chair, Department of Dermatology and Cutaneous Biology; Clinical Assistant Professor of Dermatology and Cutaneous Biology; Director, Dermatopathology of the Department of Dermatology and Cutaneous Biology; Director, Dermatology Residency Training Program, Thomas Jefferson University Hospital

**DIVISION DIRECTORS**

**Tatyana R. Humphreys, MD**, Clinical Professor of Dermatology and Cutaneous Biology; Director, Center for Laser Surgery and Cosmetic Dermatology

**Patrice M. Hyde, MD**, Clinical Assistant Professor of Dermatology and Cutaneous Biology; Chief of Pediatric Dermatology

**HONORARY MEMBERS:**

**Joseph K. Corson, MD**, Honorary Clinical Associate Professor of Dermatology and Cutaneous Biology

**Charles H. Greenbaum, MD**, Honorary Clinical Professor of Dermatology and Cutaneous Biology

**Richard H. Musgnug, MD**, Honorary Assistant Professor of Dermatology and Cutaneous Biology

## **PROFESSORS**

**Mohamed A. Amer, MD**, Visiting Professor of Dermatology and Cutaneous Biology<sup>1</sup>  
**Mon-Li Chu, PhD\***, Professor of Dermatology and Cutaneous Biology  
**Isao Hashimoto, MD, PhD**, Visiting Professor of Dermatology and Cutaneous Biology<sup>2</sup>  
**Tatyana R. Humphreys, MD\***, Clinical Associate Professor of Dermatology and Cutaneous Biology,  
**Lasse O. Kanerva, MD, PhD**, Visiting Research Professor of Dermatology and Cutaneous Biology<sup>3</sup>  
**Francisco Kerdel-Vegas, MD**, Visiting Professor of Dermatology and Cutaneous Biology  
**Kari I. Kivirikko, MD, PhD**, Visiting Professor of Dermatology and Cutaneous Biology<sup>4</sup>  
**Torello Lotti, MD**, Visiting Professor of Dermatology and Cutaneous Biology<sup>5</sup>  
**Henry C. Maguire, MD**, Research Professor of Dermatology and Cutaneous Biology<sup>6</sup>  
**Thomas O'Brien, PhD**, Professor of Dermatology and Cutaneous Biology  
**Joseph L. Pace, MD**, Visiting Professor of Dermatology and Cutaneous Biology<sup>7</sup>  
**Lawrence C. Parish, MD**, Clinical Professor of Dermatology and Cutaneous Biology  
**Yoon-Kee Park, MD, PhD**, Visiting Professor of Dermatology and Cutaneous Biology<sup>8</sup>  
**Ulrich Rodeck\*, MD**, Professor of Dermatology and Cutaneous Biology  
**Terence J. Ryan, FRCP**, Visiting Professor of Dermatology and Cutaneous Biology<sup>9</sup>  
**Markku Rynnänen, MD, PhD**, Visiting Professor of Dermatology and Cutaneous Biology<sup>10</sup>  
**Jouni Uitto, MD, PhD\***, Professor of Dermatology and Cutaneous Biology, Professor of Biochemistry and Molecular Pharmacology  
**Guy F. Webster, MD, PhD**, Clinical Professor of Dermatology and Cutaneous Biology, Professor of Medicine, Division of Clinical Pharmacology

## **ASSOCIATE PROFESSORS**

**Guy F. Carnabucci, MD**, Adjunct Clinical Associate Professor of Dermatology and Cutaneous Biology  
**Andrzej Fertala, PhD\***, Associate Professor of Dermatology and Cutaneous Biology  
**David J. Herrick, PhD\***, Research Associate Professor of Dermatology and Cutaneous Biology  
**Jaakko Karvonen, MD, PhD**, Visiting Professor of Dermatology and Cutaneous Biology<sup>11</sup>  
**Bernard A. Kirshbaum, MD**, Adjunct Clinical Associate Professor of Dermatology and Cutaneous Biology  
**My Mahoney, PhD\***, Associate Professor of Dermatology and Cutaneous Biology  
**Alain Mauviel, PhD**, Adjunct Associate Professor of Dermatology and Cutaneous Biology<sup>12</sup>  
**Gabriele Richard, MD**, Adjunct Associate Professor of Dermatology and Cutaneous Biology  
**Janet Sawicki, PhD**, Research Associate Professor of Dermatology and Cutaneous Biology  
**John A. Zitelli, MD**, Adjunct Clinical Associate Professor of Dermatology and Cutaneous Biology

## **ASSISTANT PROFESSORS:**

**Vitali Alexeev, PhD\***, Assistant Professor of Dermatology and Cutaneous Biology  
**Ercem Atillasoy, MD**, Adjunct Clinical Assistant Professor of Dermatology and Cutaneous Biology  
**Reza F. Ghohestani, MD, PhD\***, Research Assistant Professor of Dermatology and Cutaneous Biology  
**Seung K. Hann, MD, PhD**, Visiting Clinical Assistant Professor of Dermatology and Cutaneous Biology<sup>13</sup>  
**Patrice Hyde, MD\***, Clinical Assistant Professor of Dermatology and Cutaneous Biology, Chief, Pediatric Dermatology  
**Olga Igoucheva, PhD\***, Assistant Professor of Dermatology and Cutaneous Biology  
**Qui-Jie Jiang, PhD\***, Assistant Professor of Dermatology and Cutaneous Biology  
**Stacy D. Katchman, MD\***, Clinical Assistant Professor of Dermatology and Cutaneous Biology  
**John F. Klement, PhD\***, Assistant Professor of Dermatology and Cutaneous Biology  
**Kehua Li, MD**, Assistant Professor of Dermatology and Cutaneous Biology  
**Joseph P. McFarland, MD**, Assistant Professor of Dermatology and Cutaneous Biology  
**Sonsoles Piera, Ph.D.\***, Assistant Professor of Dermatology and Cutaneous Biology  
**Franziska Ringpfeil, MD\***, Assistant Professor of Dermatology and Cutaneous Biology  
**Fatima Rouan, PhD\***, Research Assistant Professor of Dermatology and Cutaneous Biology  
**Katsuto Tamai, MD, PhD**, Visiting Assistant Professor of Dermatology and Cutaneous Biology<sup>14</sup>

## **INSTRUCTORS:**

**Anne Marie C. Angeles, MD**, Instructor of Dermatology and Cutaneous Biology  
**Gary L. Becker, MD**, Instructor of Dermatology and Cutaneous Biology  
**Salvatore P. Calabro, MD**, Instructor of Dermatology and Cutaneous Biology  
**David A. High, MD**, Instructor of Dermatology and Cutaneous Biology  
**Te-Cheng Pan, PhD\***, Instructor of Dermatology and Cutaneous Biology  
**Robin S. Scheiner, MD**, Instructor of Dermatology and Cutaneous Biology  
**Toby Shaw, MD**, Instructor of Dermatology and Cutaneous Biology  
**Kenneth Wasserman, MD**, Instructor of Dermatology and Cutaneous Biology  
**Michele J. Ziskind, MD**, Instructor of Dermatology and Cutaneous Biology

## **TJUH RESIDENTS IN DERMATOLOGY AND CUTANEOUS BIOLOGY** **(7/1/05 – 6/30/06)**

### **PGY-4**

Gina Ang, M.D.; Reza Ghohestani, M.D., Ph.D.; Aradhna Saxena, MD; Janelle Shield, MD

### **PGY-3**

Imran Amir, M.D.; Dana Correale, M.D.; Heidi Kozic, M.D.; Anna Manilov, M.D.

### **PGY-2**

Laura Houk, M.D., Kelly McGuigan, M.D., Karen Pearce, M.D., Daniel Shurman, M.D.

## **POST-DOCTORAL RESEARCH FELLOWS**

Vera Hintze, Ph.D.; Dessislava Markova, PhD; Qiao-Li Li, Ph.D.

### **ENDNOTES:**

\* Denotes full-time faculty appointment at Jefferson Medical College

- 1 President, Zagazig University, Cairo, Egypt
- 2 Director, Aomori Rosai Hospital, Hachenoke, Japan
- 3 Professor Emeritus, Section of Dermatology, Institute of Occupational Health, University of Helsinki, Finland
- 4 Professor, Department of Medical Biochemistry, University Hospital, Oulu, Finland
- 5 Professor, Department of Dermatology, University of Florence, Italy
- 6 Primary appointment to the Department of Medicine, Jefferson Medical College
- 7 Senior Lecturer and Head, Department of Dermatology, St. Jude's Medical Centre, Malta
- 8 Professor, Department of Dermatology, Yonsei University School of Medicine, Seoul, Korea
- 9 Professor Emeritus, Dermatology at Oxford University, United Kingdom
- 10 Professor and Chairman, Department of Obstetrics & Gynecology, University of Oulu, Finland
- 11 Professor of Dermatology, University of Helsinki, Finland
- 12 Research Director, Department of Dermatology, Hopital Saint-Louis, Paris, France
- 13 Assistant Professor of Dermatology, Yonsei University Medical Center, Seoul, Korea
- 14 Associate Professor of Gene Therapy Sciences, University of Osaka, Japan

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**PUBLICATIONS:**

**Peer Reviewed Journals**

**2006**

Shurman, D., Losi-Sasaki, J., Grimwood, R., Kivirikko, S., Tichy, E., **Uitto, J.**, and Richard, G.: Epidermolysis Bullosa Simplex with Mottled Pigmentation: Mutation Analysis in the First Reported Hispanic Pedigree with the Largest Single Generation of Affected Individuals to Date. *Eur. J. Dermatol.* 16:132-135, 2006.

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Varki, R., Sadowski, S., Pfindner, E., **Uitto, J.**: Epidermolysis Bullosa. I. Molecular Genetics of the Junctional and Hemidesmosomal Variants. *J. Med. Genet.* 43:641-651, 2006.

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Ringpfeil, F., McGuigan, K., Fuchsel, L., Kozic, H., Larralde, M., Lebwohl, M., and **Uitto, J.**: Pseudoxanthoma Elasticum is a Recessive Disease Characterized by Compound Heterozygosity. *J. Invest. Dermatol.* 126:782-786, 2006.

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Fujimoto, N., Terlizzi, J., Aho, S., Brittingham, R., Fertala, A., Oyama, N., McGrath, J.A., and **Uitto, J.**: Extracellular Matrix Protein 1 Inhibits the Activity of Matrix Metalloproteinase 9 Through High-Affinity Protein/Protein Interactions. *Exp. Dermatol.* 15:300-307, 2006.

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**PUBLICATIONS:**

**Peer Reviewed Journals**

*continued*

Lugassy, J., Itin, P., Ishida-Yamamoto, A., Holland, K., Huson, S., Geiger, D., Indelman, M., Bercovich, D., **Uitto, J.**, Bergman, R., McGrath, J., Richard, G., Sprecher, E.: Naegeli-Franceschetti-Jadassohn Syndrome and Dermatopathia Pigmentosa Reticularis: Two Allelic Ectodermal Dysplasias Caused by *KRT14* Dominant Mutations. *Am. J. Hum. Genet.* 79:724-730, 2006.

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Jiang, Q.-J., Matsuzaki, Y., Li, K., and **Uitto, J.**: Transcriptional Regulation and Characterization of the Promoter Region of the Human *ABCC6* Gene. *J. Invest. Dermatol.* 126:325-335, 2005.

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Klement, J.F., Matsuzaki, Y., Jiang, Q.-J., Y., Terlizzi, J., Choi, H.Y., Fujimoto, N., Li, K., Pulkkinen, L., Birk, D.E., Sundberg, J.P., and **Uitto, J.**: Targeted Ablation of the *ABCC6* Gene Results in Ectopic Mineralization of Connective Tissues. *Mol. Cell Biol.* 25:8299-8310, 2005.

Hata, D., Miyazaki, M., Seto, S., Furusho, K., Kadota, E., Nakano, A., Tamai, K., **Uitto, J.**, Moriyama, K., and Miyazaki, K.: Nephrotic Syndrome and Aberrant Expression of Laminin Isoforms in Glomerular Basement Membranes in an Infant with Herlitz Junctional Epidermolysis Bullosa. *Pediatrics* 116:e601-607, 2005.

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**PUBLICATIONS:**

**Peer Reviewed Journals**

*continued*

Aumailley, M., Bruckner-Tuderman, L., Carter, W.G., Deutzmann, R., Edgar, D., Ekblom, P., Engel, J., Engvall, E., Hohenester, E., Jones, J.C.R., Kleinman, H.K., Marinkovich, M.P., Martin, G.R., Mayer, U., Meneguzzi, G., Miner, J.H., Miyazaki, K., Patarroyo, M., Paulsson, M., Quaranta, V., Sanes, J., Sasaki, T., Sekiguchi, K., Sorokin, L.M., Talts, J.F., Tryggvason, K., **Uitto, J.**, Virtanen, I., von der Mark, K., Wewer, U.M., Yamada, Y., and Yurchenco, P.: A Simplified Laminin Nomenclature. *Matrix Biol.* 24:326-332, 2005.

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**SUBMITTED PUBLICATIONS:**

Nakano, H., Mauviel, A., Iozzo, R., and **Uitto, J.**: Interferon- $\gamma$  Counteracts the Transcriptional Upregulation of Type VII Collagen Gene Expression Elicited by Transforming Growth Factor- $\beta$  Evidence for Involvement of Stat-1 but not the Smad Pathway in Human Epidermal Keratinocytes.

Weinel, S., Lucky, A.W., **Uitto, J.**, Pfendner, E.G., Choo, D.: Dystrophic Epidermolysis Bullosa with One Dominant and One Recessive Mutation of the *COL7A1* Gene in a Child with Deafness.

## **JOUNI UITTO, MD, PhD.**

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*Department of Dermatology and Cutaneous Biology*

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*Director, Jefferson Institute of Molecular Medicine*

### **SUBMITTED PUBLICATIONS**

*continued*

Pfendner, E., Terry, S.F., Vourthis, S., McAndrew, P., McClain, M.R., Fratta, S., Marais, A.S., Hariri, S., Coucke, P.J., Vanakker, O., Ramsay, M., Viljoen, D., DePaepe, A., Uitto, J., Terry, P.F., Bercovitch, L.G.: Mutation Detection in the ABCC6 Gene and Analysis in a Large International Case Series Affected by Pseudoxanthoma Elasticum.

Terry, S.F., Terry, P.F., Rauen, K.A., Uitto, J., Bercovitch, L.G.: A New Model for Translational Genetic Research: Advocacy Organizations as Research Organizations.

Brennan, D., Hu, Y., Joubeh, S., Choi, Y.W., Whitaker-Menezes, D., O'Brien, T., Uitto, J., Rodeck, U., Mahoney, M.: Suprabasal Dsg2 Expression in Transgenic Mouse Skin Confers a Hyperproliferative and Apoptosis Resistant Phenotype to Keratinocytes.

Murrell, D.F., Pasmooij, A.M.G., Pas, H.H., Klingberg, S., Marr, P., Pfendner, E., Uitto, J., Collins, F., Widmer, R., Jonkman, M.F.: Retrospective Diagnosis of Fatal BP180-Deficient Non-Herlitz Junctional Epidermolysis Bullosa by IF Antigen Mapping of Parental Carriers Bearing Enamel Defects.

Rodeck, U., Fertala, A., Uitto, J.: Anchorless Keratinocyte Survival. An Emerging Pathogenic Mechanism for Squamous Cell Carcinoma in Recessive Dystrophic Epidermolysis Bullosa.

### **BOOK CHAPTERS AND REVIEW ARTICLES**

#### **2006**

Jiang, Q., **Uitto, J.**: Pseudoxanthoma elasticum: A Metabolic Disease? *J. Invest. Dermatol.* 126:1440-1441.

#### **2005**

**Uitto, J.**: The Ehlers-Danlos Syndrome – Phenotypic Spectrum and Molecular Genetics. *Eur. J. Derm* 15:311-312, 2005.

**Uitto, J.**: The Gene Family of ABC Transporters – Novel Mutations, New Phenotypes. *Trends Mol. Med.* 11:341-343, 2005.

**JOUNI UITTO, MD, PhD.**

*Professor and Chair*

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*Professor, Department of Biochemistry and Molecular Biology*

*Director, Jefferson Institute of Molecular Medicine*

**BOOK CHAPTERS AND REVIEW ARTICLES**

*continued*

Alexeev, V. and **Uitto, J.:** DNA Pharmaceuticals for Skin Diseases. In: DNA Pharmaceuticals (Schleef, M.), Wiley-VCH, Weinheim, Germany, pp. 173-187, 2005.

**Uitto, J.,** Richard, G.: Progress in Epidermolysis Bullosa: From Eponyms to Molecular Genetic Classification. *Clin. Dermatol.* 23:33-40, 2005.

Lanschuetzer, C.M., Klausegger, A., Pohla-Gubo, G., Hametner, R., Richard, G., **Uitto, J.,** Hintner, H., and Bauer, J.W.: Gene Symbol: KRT14 Disease: Epidermolysis Bullosa Simplex, Koebner. *Hum. Genet.* 115:171, 2004.

Richard, G., and **Uitto, J.:** The Complexity of Genetics in Heritable Skin Diseases. *J. Invest. Dermatol.* 124:vii-viii, 2005.

Pfendner, E., Rouan, F., and **Uitto, J.:** Progress in Epidermolysis Bullosa: The Phenotypic Spectrum of Plectin Mutations. *Exp. Derm.* 14:241-249, 2005.

Jiang, Q-J. and **Uitto, J.:** Animal Models of Epidermolysis Bullosa – Targets for Gene Therapy. *J. Invest. Dermatol.* 124:xi-xiii, 2005.

**ABSTRACTS:**

**2006**

**Uitto, J.** Molecular pathology of the cutaneous basement membrane zone. *Matrix Biology* 25: Abstract S20, page S7, 2006.

Brittingham, R., **Uitto, J.,** Fertala, A. Binding interactions of the NC1 domain of collagen VII. *Matrix Biology* 25: Abstract 201, page S82, 2006.

**Uitto, J.:** Clinical Implication of Basic Research on Epidermolysis Bullosa. Abstracts: The 4<sup>th</sup> International Symposium on Cutaneous Biology Research Institute, “Recent Advances in Epidermolysis Bullosa”, Yonsei University School of Medicine, September 27, 2006, pp. 6-7.

**JOUNI UITTO, MD, PhD.**

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*Director, Jefferson Institute of Molecular Medicine*

**ABSTRACTS**

*continued*

**Uitto, J.:** Molecular biology of skin at the genome/environmental interface: The paradigm of photoaging. Abstract 0-1, The 4<sup>th</sup> EADV Spring Symposium, Saariselkä, Finland, February 9-12, 2006.

**Uitto, J.:** Collagen and elastin in heritable skin diseases. Abstract S5-3, The 4<sup>th</sup> EADV Spring Symposium, Saariselkä, Finland, February 9-12, 2006.

Brittingham, R., **Uitto, J.**, Fertala, A.: High-affinity interaction of the NC1 domain of collagen VII with laminin 5 and collagen IV facilitates stabilization of the basement membrane zone. *J. Invest. Dermatol.* 126: (suppl), page 33, 2006.

Pasmooij, M., Jonkman, M.F., Pas, H.H., Klingberg, S., Pfindner, E., **Uitto, J.**, Collins, F., Widmer, R., Murrell, D.F.: Homozygosity for an intragenic deletion in the gene encoding collagen XVII, COL17A1: 823delA results in lethality in a family with non-Herlitz junctional epidermolysis bullosa. *J. Invest. Dermatol.* 126: (suppl), Abstract 212, p. S38, 2006.

Fujimoto, N., Aho, S., Brittingham, R., Fertala, A., **Uitto, J.:** Elastic fiber assembly: mapping of elastin and fibulin 1 protein/protein interactions. *J. Invest. Dermatol.* 126: (suppl), page 34, 2006.

Rouan, F., Saitta, B., **Uitto, J.:** Umbilical cord blood mesenchymal stem cells: prospects in curing skin diseases. *J. Invest. Dermatol.* 126: (suppl), page 36, 2006.

Alexev, V., Kelly, A., **Uitto, J.:** Development of protein therapeutics for junctional epidermolysis bullosa. *J. Invest. Dermatol.* 126: (suppl), page 42, 2006.

Sa'd, J.A., Indelman, M., Pfindner, E., Falik-Zaccari, T., Mizrahi, M., Shaley, S., Ben Amitai, D., Raas-Rothschild, A., Adir-Shani, A., Borochoy, Z., Gershoni, R., Landau, D., Richard, G., Bergman, R., **Uitto, J.**, Kanaan, M., Sprecher, E.: Molecular epidemiology of hereditary epidermolysis bullosa in a Middle Eastern population. *J. Invest. Dermatol.* 126: (suppl), page 47.

Sa'd, J.A., Indelman, M., Pfindner, E., Falik-Zaccari, T., Mizrahi, M., Shaley, S., Ben Amitai, D., Raas-Rothschild, A., Adir-Shani, A., Borochoy, Z., Gershoni, R., Landau, D., Richard, G., Bergman, R., **Uitto, J.**, Kanaan, M., Sprecher, E.: Molecular epidemiology of hereditary epidermolysis bullosa in a Middle Eastern population. *J. Invest. Dermatol.* 126: (suppl), page 47.

**JOUNI UITTO, MD, PhD.**

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*Professor, Department of Biochemistry and Molecular Biology*

*Director, Jefferson Institute of Molecular Medicine*

**ABSTRACTS**

*continued*

Remington, J., Huang, Y., Hou, Y., Bandyopadhyay, P., Ram, R., **Uitto, J.**, Woodley, D.T., Chen, M.: Injection of recombinant human type VII collagen corrects the disease phenotype in a dystrophic epidermolysis bullosa mouse. *J. Invest. Dermatol.* 126: (suppl), page 76.

Topaz, O., Indelman, M., Ghefetz, I., Geiger, D., Althschuler, Y., Choder, M., Metzker, A., Berkovich, D., **Uitto, J.**, Bergman, R., Richard, G., Sprecher, E.: Mapping and identification of a mutation in SAMD9 in 5 families affected with normorphosphatemic familial tumoral calcinosis. *J. Invest. Dermatol.* 126: (suppl), page 76.

Chino, T., Tamai, K., Endo, M., Otsuru, S., Yamazaki, T., Kikuchi, Y., Katayama, I., Kitajima, Y., **Uitto, J.**, Kaneda, Y.: Transgenic bone marrow cell transplantation in fetal mouse circulation induces continuous immunotolerance against cutaneous transgene products after birth. *J. Invest. Dermatol.* 126: (suppl), page 77.

Jiang, Q., Li, Q., LaRusso, J., **Uitto, J.**: Gender effects on the mineralization of connective tissues in a murine PXE model, the *Abcc6*<sup>-/-</sup> mouse. *J. Invest. Dermatol.* 126: (suppl), page 83.

Jiang, Q., LaRusso, J., Sadowski, S., **Uitto, J.**: Role of calcification inhibitors in the pathogenesis of mineralization of connective tissues in PXE. *J. Invest. Dermatol.* 126: (suppl), page 84.

Jiang, Q., Li, Q., Freeman, T., LaRusso, J., **Uitto, J.**: Aberrant mineralization of connective tissues in a mouse model for PXE is associated with deposition of bone-associated proteins. *J. Invest. Dermatol.* 126: (suppl), page 84.

Choi, H., Fujimoto, N., **Uitto, J.**: Downregulation of BPAG1 gene expression in zebrafish results in hemidesmosomal pathology. *J. Invest. Dermatol.* 126: (suppl), page 105.

Choi, H., Kim, S., So, J., Kim, C., Fujimoto, N., Jiang, Q., **Uitto, J.**: Downregulation of type XVII collagen gene expression in zebrafish – a model for cutaneous basement membrane zone pathology. *J. Invest. Dermatol.* 126: (suppl), page 106.

Roudner, T., Matsui, M., **Uitto, J.**, Ghohestani, R.: Clinical features of photodamaged human skin are associated with a reduction in type XVII collagen and laminin-5, the main components of anchoring filaments. *J. Invest. Dermatol.* 126: (suppl), page 143.

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**ABSTRACTS**

*continued*

Fujimoto, N., Terlizzi, J., Brittingham, R., Fertala, A., **Uitto, J.**: Extracellular matrix protein 1 interacts with the domain III of fibulin-1C and 1D variants through its central tandem repeat 2. The 31<sup>st</sup> Annual Meeting of The Japanese Society for Investigative Dermatology, May 31 – June 2, 2006, Kyoto, Japan, page 60.

**2005**

**Uitto, J.**: Collagen and Elastin and their Alterations in Acquired and Inherited Skin Diseases. Abstracts, Course 203: Structure and Function of the Skin, The 63<sup>rd</sup> Annual Meeting of the American Academy of Dermatology, New Orleans, Louisiana, February 18-22, 2005.

Katsuto, Y., Ogura, S., Amano, S., Klement, J., and **Uitto, J.**: Effect of tropoelastin overexpression on elastic fiber accumulation *in vitro*. *J. Invest. Dermatol.* 124: Abstract 195, 2005.

Aho, S., Kalinin, A., Aho, M., Casciola-Rosen, L., Rosen, A., and **Uitto, J.**: Specific cleavage of periplakin by granzyme B. *J. Invest. Dermatol.* 124: Abstract 409, 2005

Brennan, D., Hu, Y., Joubeh, S., Choi, Y., Whitaker-Menezes, D., **Uitto, J.**, and Mahoney, M.: Suprabasal desmoglein 2 expression enhances epidermal proliferation and alters differentiation. *J. Invest. Dermatol.* 124: Abstract 426.

Abu Saed, J., Indelman, M., Pfendner, E., Richard, G., **Uitto, J.**, Bergman, R., Kanaan, M., and Sprecher, E.: Mutation analysis and molecular epidemiology of dystrophic epidermolysis bullosa in an Israeli cohort. *J. Invest. Dermatol.* 124: Abstract 443, 2005.

Ratajczak, P.A., Geyer, A.S., Silverman, R., Pol-Rodriguez, M., Millar, W.S., Garzon, M., **Uitto, J.**, and Richard, G.: Erythrodermic peeling skin syndrome is a variant of Netherton syndrome due to detrimental mutations in *SPINK5*. *J. Invest. Dermatol.* 124: Abstract 446, 2005.

Losi-Sasaki, J.M., Shurman, D.L., Grimwood, R.E., Tichy, E.H., **Uitto, J.**, and Richard, G.: Molecular basis of epidermolysis bullosa simplex with mottled pigmentation in a large autosomal dominant pedigree. *J. Invest. Dermatol.* 124: Abstract 468, 2005.

## **JOUNI UITTO, MD, PhD.**

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*Professor, Department of Biochemistry and Molecular Biology*

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### **ABSTRACTS**

*continued*

Pramick, M., Fuchsel, L., **Uitto, J.**, and Ringpfeil, F.: Role of coding polymorphisms in the ABCC6 gene for cardiovascular symptoms in pseudoxanthoma elasticum. *J. Invest. Dermatol.* 124: Abstract 481, 2005.

Shurman, D., Benedetto, P., Hybarger, C.P., Frieden, I., **Uitto, J.**, and Richard, G.: Aberrant expression of gap junction proteins in a SCC tumor of a patient with keratitis-ichthyosis-deafness syndrome. *J. Invest. Dermatol.* 124: Abstract 482, 2005.

Jiang, Q., Matsuzaki, Y., Pulkkinen, L., and **Uitto, J.**: Tissue-specific expression of the ABCC6 gene. *J. Invest. Dermatol.* 124: Abstract 494, 2005.

**Uitto, J.**, Matsuzaki, Y., Terlizzi, J., Jiang, Q., Choi, H., Li, K., Pulkkinen, L., Birk, D., Sundberg, A., and Klement, J.: A mouse model for pseudoxanthoma elasticum: targeted ablation of ABCC6 results in aberrant calcification of connective tissues. *J. Invest. Dermatol.* 124: Abstract 499, 2005.

Fujimoto, N., Terlizzi, J., Aho, S., Oyama, N., Chan, I., McGrath, J., and **Uitto, J.**: Extracellular matrix protein 1 (ECM1) inhibits the activity of matrix metalloproteinase 9 (MMP9) through protein/protein interactions: relevance to pathogenesis of lipoid proteinosis. *J. Invest. Dermatol.* 124: Abstract 500, 2006.

LaRusso, J., Fuchsel, L., **Uitto, J.**, and Ringpfeil, F.: Improved mutation screening in pseudoxanthoma elasticum based on ethnicity. *J. Invest. Dermatol.* 124: Abstract 501, 2005.

Pfendner, E., Rouan, F., and **Uitto, J.**: The phenotypic spectrum of plectin mutations in epidermolysis bullosa. *J. Invest. Dermatol.* 124: Abstract 509, 2005.

Varki, R., Pfendner, E., and **Uitto, J.**: The spectrum of COL7A1 gene mutations in dystrophic epidermolysis bullosa. *J. Invest. Dermatol.* 124: Abstract 510, 2005.

### **AWARDS AND HONORS:**

#### **2006**

Honorary Chairman, Local Organizing Committee of the 4<sup>th</sup> Spring Symposium of the European Academy of Dermatology and Venereology, Saariselkä, Finland, February 9-12, 2006.

**JOUNI UITTO, MD, PhD.**

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*Professor, Department of Biochemistry and Molecular Biology*

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**AWARDS AND HONORS**

*continued*

The 22<sup>nd</sup> Annual Dickey Lecturer in Memory of Dr. Robert F. Dickey, Geisinger Medical Center, Danville, Pennsylvania, September 22, 2006.

The 29<sup>th</sup> Kung-Sun Oh Memorial Lecturer and Recipient of the Memorial Medal, Yonsei University School of Medicine, Seoul, Korea, September 27, 2006.

The 2006 Elson B. Helwig Memorial Lecture, The 43<sup>rd</sup> Annual Meeting of the American Society of Dermatopathology, Chicago, Illinois, October 26-29, 2006.

**2005**

President and Chair of the Organizing Committee, The 12<sup>th</sup> International Symposium on Basement Membranes, Jefferson Medical College, Philadelphia, Pennsylvania, June 16-19, 2005.

The 19<sup>th</sup> James N. Gilliam Lecturer, Department of Dermatology, The University of Texas Southwestern Medical Center at Dallas, and Dallas Dermatological Society, and Fort Worth Dermatological Society, Dallas, Texas, April 26, 2005.

Member, International Team of Research Assessment Exercise, 2005, Clinical Sciences, University of Helsinki School of Medicine, Helsinki, Finland, September 5-9, 2005.

Member, Quinquennial Review Panel, University of Dundee (Professor Birgitte Lane) and University of London (Professor Irene Leigh), Cancer Research – UK, London, United Kingdom, October 26-27, 2005.

Member, College of Reviewers for the Canada Research Chairs Program, Government of Canada, Ottawa, Ontario, Canada, Appointed November 1, 2005.

**VISITING PROFESSORSHIPS AND INVITED LECTURER:**

**2006**

Keynote Lecturer and Invited Speaker, Symposium on Connective Tissue Diseases, The 4<sup>th</sup> EADV Spring Symposium, Saariselkä, Finland, February 9-12, 2006.

**JOUNI UITTO, MD, PhD.**

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*Professor, Department of Biochemistry and Molecular Biology*

*Director, Jefferson Institute of Molecular Medicine*

**VISITING PROFESSORSHIPS AND INVITED LECTURER:**

*continued*

Invited Speaker, Coriell Institute for Medical Research, Camden, New Jersey, February 21, 2006.

Invited Speaker, Course: Structure and Function of the Skin, 64<sup>th</sup> Annual Meeting of the American Academy of Dermatology, San Francisco, California, March 7, 2006.

Invited Speaker, New York Skin Biology Club, New York Academy of Sciences, New York City, March 14, 2006.

Participant, The Third Skin Disease Research Day at the United States Congress, Advocacy by the American Academy of Dermatology for Increased Funding for Skin Research, Washington, D.C., April 4-5, 2006.

Visiting Professor, Department of Dermatology, Case Western Reserve University, Cleveland, Ohio, April 12 & 13, 2006.

Visiting Professor, Division of Dermatology, Department of Medicine, David Geffen School of Medicine at UCLA, Los Angeles, California, April 24 & 25, 2006.

Invited Speaker, LA Metroderm, Los Angeles, California, April 25, 2006.

**2005**

Invited Speaker, Medicis Winter Skin Seminar, The University of Colorado, Snowmass, Colorado, January 29-February 3, 2005.

Procter & Gamble Scientific Lecturer and Grand Round Speaker, University of Cincinnati, Cincinnati, Ohio, February 9-10, 2005.

Invited Speaker, Structure and Function of the Skin (Course 202), The 63<sup>rd</sup> Meeting of the American Academy of Dermatology, New Orleans, Louisiana, February 18-22, 2005.

Visiting Professor, Department of Medicine, Division of Dermatology, University of Texas – San Antonio, Texas, March 22 & 23, 2005.

Visiting Professor, Department of Dermatology, The University of Texas Southwestern School of Medicine, Dallas, Texas, April 25-27, 2005.

**JOUNI UITTO, MD, PhD.**

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**VISITING PROFESSORSHIPS AND INVITED LECTURER:**

*continued*

Invited Speaker, Gordon Research Conference on Elastin and Elastic Fibers, Waterville Valley Resort, New Hampshire, August 1-5, 2005.

Invited Speaker, Department of Medicine, Division of Cardiology, and Department of Pathology and Laboratory Medicine, David Geffen School of Medicine at ULCA, Los Angeles, California, August 11, 2005.

Invited Speaker, The German EB Network Annual Meeting, Tübingen, Germany, September 21, 2005.

Invited Plenary Speaker, SID Basics of Skin: Pharmaceuticals and Pharmacology, San Antonio, Texas, October 5-7, 2005.

Invited Speaker, "Joel Rosenbloom Symposium", University of Pennsylvania School of Dentistry, Philadelphia, Pennsylvania, October 15, 2005.

Invited Speaker and Session Chair, DF Young Leaders in Dermatology Symposium, Tucson, Arizona, October 21-25, 2005.

**SERVICES TO THE NATIONAL INSTITUTES OF HEALTH:**

*Ad Hoc* Member of the Review Panels and Site Visit Teams, Division of Research Grants, National Institutes of Health, Department of Health and Human Services, Bethesda, Maryland (*ongoing*).

Counselor, National Arthritis and Musculoskeletal and Skin Diseases Advisory Council, National Institutes of Health, Department of Health and Human Services, Bethesda, Maryland, January 22, 2004 – September 30, 2007.

**COMMITTEE SERVICE:**

Committee on Research Planning, and Co-Chair of Bone and Matrix Biology Research, 2005 – present

Executive Council, Jefferson Medical College, 1986 - present

**JOUNI UITTO, MD, PhD.**

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*Department of Dermatology and Cutaneous Biology*

*Professor, Department of Biochemistry and Molecular Biology*

*Director, Jefferson Institute of Molecular Medicine*

**COMMITTEE SERVICE:**

*continued*

Executive Committee of the Medical Staff, Thomas Jefferson University Hospital, 1986 – present

Executive Committee, Jefferson University Physicians, 1987 – present

University Advisory Committee on International Affairs, Thomas Jefferson University, 1990 – present.

Committee on Departmental Review, Jefferson Medical College, 2001 - 2003 (Chair, 2002 - 2003); and 2005-present

Committee on Admissions, Jefferson Medical College, 2002 – present

Committee on Research Infrastructure and Information Technology (ad hoc), Jefferson Medical College, Co-Chair, 2003 - present

**NATIONAL AND INTERNATIONAL SOCIETY MEMBERSHIPS:**

Society for Investigative Dermatology, 1972 - present.

European Society for Dermatological Research, 1974 – present (Honorary member, 2003).

American Chemical Society, 1975 - 1986.

American Federation for Clinical Research, 1976 - present.

American Academy of Dermatology, 1978 - present.

American Society for Biological Chemists, 1978 - present.

Western Society for Clinical Research, 1980 - present.

American Society for Clinical Investigation, 1980 - present.

Dystrophic Epidermolysis Bullosa Research Association of America, 1983 - present.

American Heart Association, Council on Basic Science, 1983 - 1986.

American Association for the Advancement of Science, 1983 - present.

Dermatology Foundation, 1983 - present.

New York Academy of Sciences, 1984 - 1986.

Western Association of Physicians, 1985 - present.

Philadelphia Dermatological Society, 1987 – present.

The College of Physicians of Philadelphia, 1987 - present.

Association of Professors in Dermatology, 1987 - present.

**JOUNI UITTO, MD, PhD.**

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*Director, Jefferson Institute of Molecular Medicine*

**NATIONAL AND INTERNATIONAL SOCIETY MEMBERSHIPS:**

*continued*

American Dermatological Association, 1989 - present.

Association of American Physicians, 1989 - present.

Pennsylvania Academy of Dermatology, 1989 - present.

American Society of Human Genetics, 1990 - present.

International Society for Matrix Biology, 1995 – present.

**EDITORIAL SERVICES/MANUSCRIPT REFEREE (ONGOING)**

*Acta Dermato-Venerologica (Advisory Board Member)*

*American Journal of Pathology*

*Annals of Internal Medicine*

*Annals of Neurology*

*Archives of Dermatology*

*Arthritis and Rheumatism*

*Biochemistry*

*The British Journal of Dermatology*

*Cancer Research*

*Cell*

*Cell Death and Differentiation (Editorial Board Member)*

*Connective Tissue Research*

*Cosmetic Dermatology (Editorial Board Member)*

*European Journal of Dermatology (Scientific Board Member)*

*Experimental Cell Research*

*Experimental Dermatology (Advisory Board Member)*

*Experimental and Molecular Pathology*

*Human Mutation*

*Human Molecular Genetics*

*International Journal of Dermatology*

*Journal of the American Academy of Dermatology (Editorial Board Member)*

*Journal of the American Society for Human Genetics*

*Journal of Biological Chemistry*

*Journal of Cell Biology*

*Journal of Cellular Physiology*

*Journal of Clinical Investigation (Consulting Editor)*

**JOUNI UITTO, MD, PhD.**

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*Professor, Department of Biochemistry and Molecular Biology*

*Director, Jefferson Institute of Molecular Medicine*

**EDITORIAL SERVICES/MANUSCRIPT REFEREE (ONGOING)**

*continued*

Journal of Dermatology (*International Advisory Board Member*)

Journal of the European Academy of Dermatology and Venereology (*Editorial Board Member*)

Journal of Geriatric Dermatology (*Editorial Board Member*)

Journal of the German Society of Dermatology (*International Advisory Board Member*)

Journal of Investigative Dermatology (*Section Editor*)

Journal of Molecular Medicine (*Editorial Board Member*)

Laboratory Investigation

Matrix/Collagen and Related Research

Nature

Nature Genetics

New England Journal of Medicine

Pediatric Research

Photochemistry and Photobiology

Proceedings of the National Academy of Sciences, U.S.A.

Science

Southern Medical Journal

Trends in Molecular Medicine (*Advisory Editorial Board Member*)

Wounds (*Editorial Board Member*)

**VITALI ALEXEEV, Ph.D.**

*Assistant Professor*

*Department of Dermatology and Cutaneous Biology*

**PUBLICATIONS:**

Cesarone G, Garofalo C, Abrams MT, Igoucheva O, Alexeev V, Yoon K, Surmacz E, Wickstrom E. RNAi-mediated silencing of insulin receptor substrate 1 (IRS-1) enhances tamoxifen-induced cell death in MCF-7 breast cancer cells. *J Cell Biochem*, 15, 440-450, 2006.

Igoucheva. O., Alexeev, V. and Yoon, K. Differential cellular responses to exogenous DNA in mammalian cells and its effect on oligonucleotide-directed gene modification. *Gene Therapy*, 13, 266-275, 2006.

Igoucheva O, Alexeev V, Scharer O, Yoon K. Involvement of ERCC1/XPF and XPG in oligodeoxynucleotide-directed gene modification. *Oligonucleotides*, 16, 94-104, 2006.

Alexeev, V., Yoon, K. Distinctive role of the cKit receptor tyrosine kinase in mammalian melanocytes. *J. Invest. Dermatol.* 2006, 126 (5):1102-1110

**PARTICIPATION IN SCIENTIFIC/CLINICAL MEETINGS AND PRESENTATIONS**

Novak L., Alexeev V. CCL21-mediated melanoma immuno-targeting. Presented at the 67th Annual Meeting of the Society for the Investigative Dermatology, May 2006, Philadelphia, PA.

Alexeev V., Kelly A., and Uitto J. Development of protein therapeutics for junctional epidermolysis bullosa. Presented at the 67th Annual Meeting of the Society for the Investigative Dermatology, May 2006, Philadelphia, PA.

**MON-LI CHU, Ph.D.**

*Professor and Vice-Chair of Research*

*Department of Dermatology and Cutaneous Biology*

**PUBLICATIONS:**

Pepe, G., Lucarini, L., Zhang, R.-Z., Pan, T.-C., Giusti, B., Quijano-Roy, S., Gartioux, C., Bushby, K.M.D., Guicheney, P., and Chu, M.-L. (2006) COL6A1 Genomic Deletions in Bethlem Myopathy and Ullrich Muscular Dystrophy. *Ann Neurol* 59:190-195

Petrini, S., D'Amico, A., Sale, P., Lucarini, L., Sabatelli, P., Giusti, B., Verardo, M., Carrozzo, R., Mattioli, E., Scarpelli, M., Chu, M.-L., Pepe, G., Russo, M. A., and Bertini, E.S. Confocal imaging and electron microscopy analysis to identify secondary ColVI defects. Submitted.

Dasouki, M., Markova, D., Garola, R., and Chu, M.-L. Compound Heterozygous Mutations in Fibulin-4 Causing Neonatal Lethal Pulmonary Artery Occlusion, Aortic Aneurysm, Arachnodactyly and Mild Cutis Laxa. Submitted.

Zou, Y., Zhang, R. Z., Chu, M.-L., and Bönnemann, C. G. Muscle interstitial fibroblasts are the main source of collagen VI synthesis in skeletal muscle. (Abstract) 11th International World Muscle Society Symposium (October 4-7, 2006, Bruges, Belgium).

Hu, Y., Zou, Y., Quijano-Roy, S., Lampe, A., Barois, A., Tennekoon, G., Finkel, R.S., Flanigan, K., Guicheney, P., Chu, M.-L., Ferreiro, A. and Bönnemann, C.G. Pronounced phenotypic variability of heterozygote deletion mutations in collagen VI – Evidence for a UCMD-BM spectrum. (Abstract) 11th International World Muscle Society Symposium (October 4-7, 2006, Bruges, Belgium).

**PARTICIPATION IN SCIENTIFIC MEETINGS**

Speaker, Ullrich congenital muscular dystrophy and Bethlem myopathy patient group meeting, October 22, 2005, Philadelphia, PA

**DEPARTMENTAL COMMITTEES**

Coordinator of "Science Lecture Series" and "Research in Progress"

**PROFESSIONAL ORGANIZATIONS**

American Society for Biochemistry and Molecular Biology

American Association for the Advancement of Science

International Society for Matrix Biology

American Society for Matrix Biology

Alexander von Humboldt Association of America

## **REZA GHOHESTANI, MD, PHD**

*Research Assistant Professor*

*Department of Dermatology and Cutaneous Biology*

### **PARTICIPATION IN SCIENTIFIC/CLINICAL MEETINGS AND PRESENTATIONS:**

- 2005            Invited Speaker, Department of Dermatology, University of Pennsylvania, Philadelphia  
2006            Invited Speaker, Department of Dermatology, University of Miami, Miami

### **PROFESSIONAL ACTIVITIES**

- 2004 -2006    Governing Council, Pennsylvania Medical Society, Hershey  
2004- 2005    Radio France International Broadcast of interviews on Dermatology Research, Paris  
2005            Delegate (PA) to American Medical Association, Chicago  
2005            Council Member on Membership and Member Services, Pennsylvania Medical Society, Hershey  
2006            Council Member, Resident and Fellow Section, American Medical Association, Chicago

### **EDITORIAL ACTIVITIES**

- 2001 to Present        Editor, European Journal of Dermatology, Paris

### **AD-HOC REVIEWER FOR**

Journal of Biological Chemistry, Cancer Research, The Federation of American Societies for Experimental Biology Journal, Journal of Clinical Investigation, Journal of Investigative Dermatology, British Journal of Dermatology, Journal of Immunology, Experimental Dermatology, Journal of Clinical Immunology, American Journal of Kidney Diseases, Biophysical Journal, Laboratory Investigation.

### **PROFESSIONAL AFFILIATIONS**

American Academy of Dermatology, American Association of Immunologists, American Medical Association, American Society for Dermatologic Surgery, American Society for Mohs Surgery, Society for Investigative Dermatology, The Federation of American Societies for Experimental Biology, French Society of Dermatology, French Society of Immunology, New York Academy of Sciences, Pennsylvania Medical Society, Philadelphia Dermatology Society, World Association of Medical Editors.

### **HONORS /DISTINCTIONS**

- 2005    Johnson Award for Best Publication in Dermatology Research, College of Physicians of Philadelphia  
2005    Commitment to Professional Competence Award, Pennsylvania Medical Society, Hershey, PA  
2005    Razi Award in Medical Research, Ministry of Health, Tehran  
2006    Physician-Scientist Career Award, Dermatology Foundation, San Francisco  
2006    Johnson-Beerman Award for Best Project in Dermatology Research, College of Physicians

**REZA GHOHESTANI, MD, PHD**

*Research Assistant Professor*

*Department of Dermatology and Cutaneous Biology*

**ABSTRACTS**

T. Roudner, J.Uitto, **R.F.Ghohestani**.

Identification and Characterization of Novel gene markers of photoaged skin by gene array analysis.

International Matrix Biology Meeting, Philadelphia 2005

**DAVID J. HERRICK, Ph.D.**

*Research Associate Professor of Dermatology and Cutaneous Biology  
Department of Dermatology and Cutaneous Biology*

**PUBLICATIONS**

Wang, D., Uitto, J., and Herrick, D. J.. Regulation of type I collagen mRNA stability is controlled by multiple determinants present in the 3'-untranslated region. Manuscript in preparation.

**PARTICIPATION IN SCIENTIFIC/CLINICAL MEETINGS AND PRESENTATIONS**

Castorino, J.J., Brewer, G.A., and Herrick, D.J.. Functional dissection of the *c-myc* coding region determinant. (Presented at the Eukaryotic mRNA Processing meeting, Cold Spring Harbor Laboratories, 2005.)

**UNIVERSITY COMMITTEES**

Radiation Safety Non-Human Use Subcommittee

**PROFESSIONAL ORGANIZATIONS**

Research Member-Kimmel Cancer Center

**OLGA IGOUCHEVA, Ph.D.**

*Assistant Professor of Dermatology and Cutaneous Biology  
Department of Dermatology and Cutaneous Biology*

**PUBLICATIONS:**

Cesarone G, Garofalo C, Abrams MT, Igoucheva O, Alexeev V, Yoon K, Surmacz E, Wickstrom E. RNAi-mediated silencing of insulin receptor substrate 1 (IRS-1) enhances tamoxifen-induced cell death in MCF-7 breast cancer cells. *J Cell Biochem*, 15, 440-450, 2006.

Igoucheva. O., Alexeev, V. and Yoon, K. Differential cellular responses to exogenous DNA in mammalian cells and its effect on oligonucleotide-directed gene modification. *Gene Therapy*, 13, 266-275, 2006.

Igoucheva O, Alexeev V, Scharer O, Yoon K. Involvement of ERCC1/XPF and XPG in oligodeoxynucleotide-directed gene modification. *Oligonucleotides*, 16, 94-104, 2006.

## **QIUJIE JIANG, MD, PHD**

*Assistant Professor*

*Department of Dermatology and Cutaneous Biology*

### **PUBLICATIONS**

**Jiang QJ**, Matsuzaki Y, Li K and Uitto J. Transcriptional regulation and characterization of the promoter region of the human ABCC6 Gene. *J Invest Dermatol.* 2006; 126:325-335.

Matsuzaki Y\*, Nakano A\*, **Jiang QJ\***, Pulkkinen L, Uitto J. Tissue-specific expression of the ABCC6 gene. *J Invest Dermatol.* 2005; 125:900-905 (\* co-first author).

Klement JF, Matsuzaki Y, **Jiang QJ**, Terlizzi J, Choi HY, Li K, Pulkkinen L, Birk DE, Sundberg JP, Uitto J. Targeted ablation of the Abcc6 gene results in ectopic mineralization of connective tissues. *Mol. Cell. Biol* 2005; 25:8299-8310.

### **PARTICIPATION IN SCIENTIFIC/CLINICAL MEETINGS AND PRESENTATIONS**

Gender effects on the mineralization of connective tissues in a murine PXE model, the Abcc6  $-/-$  mouse. **Jiang QJ**, Li QL, LaRusso J, and Uitto J. The 67<sup>th</sup> Annual Meeting of the Society for Investigative Dermatology, Philadelphia, Pennsylvania, U.S.A., May 3-6, 2006

Aberrant mineralization of connective tissues in a mouse model for PXE is associated with deposition of bone-associated proteins. **Jiang QJ**, Li QL, Freeman T, LaRusso J, and Uitto J. The 67<sup>th</sup> Annual Meeting of the Society for Investigative Dermatology, Philadelphia, Pennsylvania, U.S.A., May 3-6, 2006

3) Role of calcification inhibitors in the pathogenesis of mineralization of connective tissues in PXE. **Jiang QJ**, LaRusso J, Li QL, and Uitto J. The 67<sup>th</sup> Annual Meeting of the Society for Investigative Dermatology, Philadelphia, Pennsylvania, U.S.A., May 3-6, 2006

4) Downregulation of type XVII collagen gene expression in zebrafish — a model for cutaneous basement membrane zone pathology. Choi H, Kim S, So J, Fujimoto N, **Jiang QJ** and Uitto J. The 67<sup>th</sup> Annual Meeting of the Society for Investigative Dermatology, Philadelphia, Pennsylvania, U.S.A., May 3-6, 2006

### **HONORS/SPECIAL RECOGNITIONS**

Research Career Development Award (Dermatology Foundation, US)

### **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

Membership in the Society for Investigative Dermatology

**LAWRENCE CHARLES PARISH, MD,**  
*Clinical Professor*  
*Department of Dermatology and Cutaneous Biology*

## **PUBLICATIONS**

### **Books and Chapters:**

Historical Aspects of Nail Disease. Lawrence Charles Parish and John Thorne Crissey in Scher R.K., Daniel, C.R. Nails: Therapy, Diagnosis, Surgery, 3<sup>rd</sup> Ed Philadelphia, Elsevier Saunders, 2005:7-12

Decubitus Ulcers in Lebwohl, MG, Heymann, WR, Berth-Jones J, Coulson, I. Treatment of Skin Disease: Comprehensive Therapeutic Strategies, 2<sup>nd</sup> Ed St Louis, Mosby 2006:146-50

Atlas of Women's Dermatology: From Infancy to Maturity. Lawrence Charles Parish, Sarah Brenner, Marcia Ramos-e-Silva, Jennifer L. Parish. London, Taylor & Francis, 2006

Chapters in Frankel DH, Field Guide to Clinical Dermatology Second Edition. Philadelphia, Lippincott Williams & Wilkins 2<sup>nd</sup> Ed. 2006

### **Book Reviews:**

The Book of Skin. J Hist Med All Sci 2005;60: 241

Historical Atlas of Immunology. Clin Dermatol 2005;23:535

Photographic History of Nineteenth Century Dermatology: Selections From the Burns Archive. JAMA 2006;295:1453

### **Lay Papers:**

Molluscum Contagiosum. Pediatrics for Parents 21(6), 2005

Clinical Trials in Children. Pediatrics for Parents 21(8), 2005

Immunomodulators and Atopic Dermatitis. Pediatrics for Parents 22(1), 2006

**LAWRENCE CHARLES PARISH, MD,**  
*Clinical Professor*  
*Department of Dermatology and Cutaneous Biology*

**EXHIBITS**

Parish, LC, Parish, JL, Routh, HB:  
The occlusive dressing in leg ulcer management.  
American Academy of Dermatology, San Francisco, CA March 3-7, 2006

Parish, LC, et al  
Phase III trial results for the novel topical antibacterial retapamulin versus oral cephalexin for the treatment of secondarily infected dermatitis  
12<sup>th</sup> International Congress for Infectious Diseases, Lisbon, Portugal June 15-18, 2006

**PRESENTATIONS**

Presidential address,  
IV World Congress of the International Academy of Cosmetic Dermatology, Paris, France, July 2, 2005

Cosmetic dermatology around the world,  
IV World Congress of the International Academy of Cosmetic Dermatology, Paris, France, July 4, 2005

Integrative dermatology and the clinician,  
American Academy of Dermatology, San Francisco, CA, March 6, 2006

How syphilis was tamed,  
Louisiana Dermatology Society, New Orleans, LA, April 27, 2006

**SEMINARS ORGANIZED AND CHAIRED**

Cosmetic dermatology around the world,  
IV World Congress of the International Academy of Cosmetic Dermatology, Paris, France, July 4, 2005

Plenary session 3,  
IV World Congress of the International Academy of Cosmetic Dermatology, Paris, France, July 5, 2005

History of Dermatology.  
History of Dermatology Society, San Francisco, CA, March 2, 2006

**LAWRENCE CHARLES PARISH, MD,**  
*Clinical Professor*  
*Department of Dermatology and Cutaneous Biology*

**MEETINGS ATTENDED**

4<sup>th</sup> World Congress of the International Academy of Cosmetic Dermatology, Paris, France, July 2-5, 2005.

66<sup>th</sup> Annual Meeting of the American Academy of Dermatology, San Francisco, CA, March 3-7, 2006

Annual Spring Meeting of the Louisiana Dermatology Society, New Orleans, LA, April 27, 2006

12<sup>th</sup> International Congress on Infectious Diseases, Lisbon, Portugal, June 15-18, 2006.

**HONORS/SPECIAL RECOGNITION**

Vincent J. Derbes Memorial Lecturer, Louisiana Dermatology Society, New Orleans, LA, April 27, 2006

Awarded Honorary Doctor of Medicine, Sofia Medical University, Sofia, Bulgaria, May 2006

**PROFESSIONAL ORGANIZATIONS**

**Member or Fellow:**

American Association for the History of Medicine, American College of Physicians, American Dermatological Association, American Academy of Dermatology, Canadian Dermatology Association, Canadian Society for the History of Medicine, College of Physicians of Philadelphia (Section on the History of Medicine of the College of Physicians of Philadelphia, Section on Dermatology of the College of Physicians of Philadelphia), European Academy of Dermatology and Venereology. European Society for the History of Dermatology and Venereology, French Society for the History of Dermatology and Venereology, History of Dermatology Society (president), International Academy of Cosmetic Dermatology (president), Pennsylvania Academy of Dermatology, Philadelphia Dermatological Society

**Honorary Member or Fellow:**

American College of Veterinary Dermatology, Bulgarian Society of Dermatology, Florida Society of Dermatology, Italian Society of Dermatology and Venereology, Polish Academy of Dermatology, Venezuelan Society of Dermatology,

**Corresponding Member or Fellow:**

British Association of Dermatologists, French Society of Dermatology and Syphilology, Israeli Society of Dermatology

**SONSOLES PIERA-VELAZQUEZ, Ph.D.**

*Assistant Professor*

*Department of Dermatology and Cutaneous Biology*

**PUBLICATIONS**

Mendoza F.A., Arlett C.M. Sandorfi N., Latinis K, **Piera-Velázquez S.**, Jimenez S.A. 2006. Description of twelve cases of nephrogenic fibrosing dermopathy and review of the literature. *Seminars in Arthritis and Rheumatism* 35(4): 238-249.

**Piera-Velázquez S.**, Hawkins D.F., Whitecavage M., Colter D.C., Stokes D.G., Jimenez S.A. 2006. Regulation of the human Sox9 by the SP1 and CREB. *Exp. Cell Research* (Submitted).

**Piera-Velázquez S.**, Sandorfi N., Jimenez S.A. 2006 Nephrogenic Systemic Fibrosis/Nephrogenic Fibrosing Dermopathy: Clinical aspects. *SKINmed* (in press).

**MEETING PARTICIPATION**

ACR/ARHP Annual Scientific Meeting, San Diego, CA. November 12-17, 2005.

10<sup>th</sup> World Congress of the OARSI. Boston, MA. December 8-11, 2005.

**PROFESSIONAL MEMBERSHIP**

OARSI (Osteoarthritis Research Society International).

## **ULRICH RODECK, MD, PhD**

*Professor*

*Department of Dermatology and Cutaneous Biology*

### **PUBLICATIONS**

McAleer, M.F., Rodeck, U., Dicker, A. Novel use of zebrafish as a vertebrate model to screen radiation protectors and sensitizers. *International Journal of Radiation Oncology, Biology, Physics* 61:10-13, **2005**.

Carbone, A., Mauri, F.A., Sozzi, M., Gaspari, F., Smirne, C., Prati, A., Addeo, A., Novarino, A., Robecchi, A., Berretto, O., Emanuelli, G., Rodeck, U., and Bellone, G. Human pancreatic carcinoma cells secrete bioactive Interleukin-18 after treatment with 5-Fluorouracil: Implications for antitumor immune response. *Cancer Biology and Therapy* 4:231-241, **2005**.

Duffy, K., McAleer M., Kari, L., Kari, C, Liu, C-G., Farber, S.A., Wickstrom, E., Dicker, A., and Rodeck, U. Coordinate control of cell cycle regulatory genes in zebrafish embryos tested by cyclin D1 knockdown with morpholino phosphorodiamidates and hydroxypropyl-phosphono peptide nucleic acids. *Nucleic Acids Res.* 33:4914-21, **2005**.

Quadros, M.R., Connelly, S., Kari, C., Abrams, M.T., Wickstrom, E, and Rodeck, U. EGFR-dependent downregulation of Bim in epithelial cells requires MAPK and PKC-delta activities. *Cancer Biology and Therapy* 5:5, 498-504, **2006**.

Zhang, W., Alt-Holland, A., Margulis, A., Shamis, J., Fusenig, N.E., Rodeck, U., and Garlick, J.A. A novel role for E-cadherin loss during initiation of squamous cell carcinoma through modulation of integrin-mediated matrix adhesion. *J. Cell Science* 119:283-91, **2006**.

Ren, Q., Kari, C., Quadros, M.R., Burd, R., McCue, P., Dicker, A.P., and Rodeck, U. Malignant transformation of immortalized HaCaT keratinocytes through deregulated NF- $\kappa$ B signaling. *Cancer Res.* 66: 5209-15, **2006**.

Bellone, G., Anna Carbone, A., Novarino, A., Smirne, C., Stacchini, A., Bertetto, O., Robecchi, A., Emanuelli, G., and Rodeck U. Cooperative induction of a tolerogenic dendritic cell phenotype by cytokines secreted by pancreatic carcinoma cells. *J. Immunol.* (in press).

McAleer, M., Duffy, K., Davidson, W.R., Kari, G., Dicker, A.P., Rodeck, U., and Wickstrom, E. Antisense inhibition of cyclinD1 expression is equivalent to flavopiridol for radiosensitization of zebrafish embryos. *International Journal of Radiation Oncology, Biology, Physics* (in press).

Daroczi, B., Kari, G., McAleer, M.F., Rodeck, U., and Dicker, A.P. In vivo radioprotection by the carboxyfullerene DF-1 as assessed in a zebrafish model. *Clinical Cancer Research* (accepted pending revision).

Dicker A.P., and Rodeck, U. Predicting the future from trials of the past: epidermal growth factor receptor expression and outcome of fractionated radiation therapy trials. *Journal of Clinical Oncology.* 23:5437-9, **2005**.

**ULRICH RODECK, MD, PhD**

*Professor*

*Department of Dermatology and Cutaneous Biology*

**HONORS/SPECIAL RECOGNITIONS**

Founding member, RTK Systems Biology Consortium, established 2005, Riken,  
Yokohama, Japan

**UNIVERSITY COMMITTEES**

Committee on Research

Library Committee

**PROFESSIONAL ORGANIZATIONS**

AACR

AAAS

## **FATIMA ROUAN, PH.D.**

*Research Assistant Professor*

*Department of Dermatology and Cutaneous Biology*

### **PUBLICATIONS**

**Rouan F**, Klement J., Biagio S, Uitto J. Umbilical cord blood mesenchymal stem cells: prospects in curing skin diseases. (In preparation)

**Rouan F**, Klement J., Biagio S, Uitto J. The role of umbilical cord blood mesenchymal stem cells in skin wound healing. ( In preparation)

Pfendner E, **Rouan F**, Uitto J. Progress in Epidermolysis Bullosa: The phenotypic spectrum of plectin mutations (2005). *Exp Dermatol.* 14(4):241-9. Review.

Takahashi Y, **Rouan F**, Yasumoto K, Ishii N, Uitto J, Yamamoto A, Iizuka H, Owaribe K, Hashimoto T (2005). Plectin deficient epidermolysis bullosa simplex with 27 year history of muscular dystrophy. *J Dermatol Sci.* 37(2):87-93.

### **SCIENTIFIC MEETINGS PRESENTATIONS.**

**Rouan F**, Klement J., Biagio S, Uitto J, Umbilical cord blood mesenchymal stem cells: prospects in curing skin diseases. *Presented at the Society of Investigative Dermatology, (2006).*

**Rouan F**, Biagio S, Uitto J. Umbilical cord blood mesenchymal stem cells have a cell based therapy potential for skin diseases. Presented at the *Society of Stem Cell Research, (2005).*

**Rouan F**, Biagio Saitta, Uitto J. Umbilical cord blood mesenchymal stem cells have a cell based therapy potential for skin diseases. *Presented at the 12<sup>th</sup> International Symposium on Basement Membranes: Jefferson Matrix Biology, (2005).*

### **AWARDS AND HONORS:**

2006-2007	Dermatology Foundation Research Grant Award
2002-2005	Dermatology Foundation Career Development Award

### **MEMBERSHIPS IN SOCIETIES**

2004 - Present	International Society for Stem Cell Research
2004 - Present	Society of Investigative Dermatology
1998 - Present	DEBRA

## **GUY WEBSTER, MD, PHD**

*Professor*

*Department of Dermatology and Cutaneous Biology*

### **PEER REVIEWED PUBLICATIONS**

J J Leyden, , A Shalita, MD, D Thiboutot, MD, K Washenik, MD, PhD, GF Webster, MD, PhD, Topical retinoids in inflammatory acne: a retrospective, investigator-blinded, vehicle-controlled, photographic assessment. *Clin Ther.* 2005 Feb;27(2):216-24.

.Renata A. Rezende M.D., Kristin Hammersmith M.D., Tiago Bisol M.D., Guy Webster M.D., Ana Luisa Höffling de Lima M.D., Juliana Bisco M.D., Christopher Rapuano M.D., Peter Laibson M.D., Elisabeth Cohen M.D. Is herpes simplex virus (HSV) keratitis worse in the atopic patient? *Am J. Ophthalmol* 2006, 141:1120-1125.

J Sanchez, A Somolinos, P I. Almodovar, GF Webster, M Bradshaw C Powala, A randomized, double-blind, placebo-controlled trial of the combined effect of doxycycline hyclate 20-mg tablets and metronidazole 0.75% topical lotion in the treatment of rosacea. *J. Am Acad. Dermatology*, 2005, 53:791-797

Webster GF, Safety and Efficacy of Tretin-X (Tretinoin) Compared With Retin-A (Tretinoin) in Patients With Mild to Severe Acne Vulgaris, *Skin Med* 2006, 5:114-118.

Aradhna Saxena MD, David A Kasper MBA, Carmen D Campanelli MD, Jason B Lee MD, Tatyana R Humphreys MD, Guy F Webster MD, PhD, Pigmented Bowens disease clinically mimicking melanoma of the nail. *Dermatologic Surgery* (in press)

R. Odom, M. Dahl, J. Dover, Z. Draelos, L. Drake, M. Macsai, F. Powell, D. Thiboutot, G Webster, J Wilkin, Standard Management Options for rosacea: Report of the National Rosacea Society Expert Committee on the Classification and Staging of Rosacea. (in MS)

J Leyden, DM Thiboutot, AR Shalita, GF Webster, K. Washenick, BE Strober, J Shupack. Comparison of Tazarotene and Minocycline Maintenance Therapies in Acne Vulgaris. *Arch Derm.* 142:605-612, 2006.

Webster GF, Skin Microecology, the old and the new.(invited editorial) *Arch Derm* (in press).

### **PRESENTATIONS**

What's New in Acne, North Carolina Dermatology Assc, Summer Beach , NC, 2005

Psoriasis Update, East Tennessee Dermatology Assc., Knoxville, TN, 2005

Isotretinoin Update, East Coast Dermatology Symposium, Baltimore, MD, 2005

**GUY WEBSTER, MD, PHD**

*Professor of Dermatology and Cutaneous Biology*

**PRESENTATIONS**

*continued*

Overview of Acne, Acne as an Inflammatory Disease, NY Acad. Sci, New York, 2005

What's up with Accutane, Masters Dermatologic Assc. Las Vegas, NV 2005

Update on Acne, Connecticut Derm Assc, Hartford, CT, 2005

Rosacea, the New and the Old, Dermatology Foundation Winter Colloquium, Naples, FL 2006

Isotretinoin Update, Dermatology Foundation Winter Colloquium, Naples, FL 2006

Acne Forum, Advances in Cosmetic and Medical Dermatology, Maui, HI 2006

Hidradenitis, ACMD, Maui, HI 2006

Improved benzoyl peroxide results, Hawaii Derm, Kauai, HI, 2006

Topical therapy for rosacea, Hawaii Derm, Kauai, HI 2006

Antibiotic Therapy in acne, Acne Symposium, Annual Meeting, AAD, San Francisco, 2006

Poster Discussion leader, Acne and Rosacea, Annual Meeting, AAD, 2006

Visiting Lecturer, Korean Society for Acne Research, Seoul, Korea, 2006

What's new in Rosacea, Valley of the Sun Meeting, Phoenix, AZ, 2006

Advances in Rosacea, New Brunswick Dermatology Soc., New Brunswick, NJ, 2006

Three Issues in Acne, Sarasota Dermatology Soc, Sarasota, FL, 2006

iPledge is a Bad Idea, American Dermatological Assoc, Ann. Mtg, Half Moon Bay, CA 2006

Light based treatments for acne, Summer AAD, San Diego, CA 2006

Anti-inflammatory activity of antibiotics, Summer AAD, San Diego, CA 2006