



Genetics, Stem Cell Biology and Stem Cell Transplantation in Epidermolysis Bullosa

Friday, February 20th, 2009

Columbia University Medical Center
Neurological Institute Auditorium

8am-4:30 pm

No Registration Fees

Supported by CTSA/CaMPER grant/SDRC



COLUMBIA UNIVERSITY
College of Physicians
and Surgeons



New York-Presbyterian
Morgan Stanley Children's Hospital
Columbia University Medical Center

Faculty

Angela M. Christiano, PhD.

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Departments of Dermatology and Genetics
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Director of Basic Science Research,
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Director, Center for Human Genetics
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Mitchell S. Cairo, M.D.

Professor of Pediatrics, Medicine &
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Chief, Division of Pediatric Blood and
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Morgan Stanley Children's Hospital,
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Columbia University, New York

Jouni Uitto, M.D., PhD.

Professor and Chair, Department of
Dermatology & Cutaneous Biology

Professor of Biochemistry and Molecular
Biology

Jefferson Medical College

Director, Jefferson Institute of Molecular
Medicine

Thomas Jefferson University, PA

Anne W. Lucky, M.D.

Volunteer Professor of Dermatology and
Pediatrics, Co-Director of the Cincinnati
Children's Epidermolysis Bullosa Center
The University of Cincinnati College of
Medicine and Cincinnati Children's
Hospital, Cincinnati, Ohio

Susanne Krämer, DMD

Dentist, Debra Chile

MSc Special Needs Dentistry

Eastman Dental Institute, London

Yanling Liao, PhD.

Staff Associate, Pediatric Blood and
Marrow Transplantation

Columbia University, New York

Evangelos Badiavas, M.D.

Associate Professor of Dermatology and
Interdisciplinary Stem Cell Institute,
University of Miami Miller School of
Medicine

John Mc Grath, M.D.

Professor of Molecular Dermatology
St. John's Institute of Dermatology
St. Thomas Hospital
London, England

Mei Chen, PhD.

Professor and Director of Research, USC
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Elizabeth Hillman, PhD.

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David Woodley, M.D.

Professor and Chair, Department of
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USC/Norris Comprehensive Cancer Center
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Francis Palisson, M.D.

Profesor de Dermatología
Departamento de Dermatología
Universidad del Desarrollo
Clínica Alemana de Santiago
Director Médico DEBRA Chile

Mohammad El-Darouti, M.D.

Professor of Dermatology and
Dermopathology, Kasr Al-Ainy,
College of Medicine
Cairo University, Cairo, Egypt

Agenda

8:00-8:15 Welcome and Introductory remarks
Angela M. Christiano, PhD., Columbia University, New York

Session I: Concepts and Overviews

- 8:15-8:40** “Reduced Intensity Conditioning for Transplantation in Non-Malignant Diseases”
Mitchell S. Cairo, M.D., Columbia University, New York
- 8:45- 9:05** “Overview of Epidermolysis Bullosa – clinical challenges for therapy”
Jouni Uitto, M.D., PhD, Thomas Jefferson University, Pennsylvania
- 9:10-9:35** “Challenges of Clinical Management of EB Patients”
Anne Lucky, M.D., Cincinnati Children’s Hospital, Ohio
- 9:35-9:45** “Management of Dental Pathology in RDEB”
Susanne Krämer, DMD
- **9:50-10:00**** Coffee Break

Session II: Approaches for Cell and Protein Based Therapies in Wound Healing and EB

- 10:00-10:25** “Differentiation of UCB Cells into Different Lineages”
Yanling Liao, PhD, Columbia University, New York
- 10:30-10:55** “Role of Bone Marrow Derived Cells in Wound Healing”
Evangelos Badiavas, M.D., University of Miami, Florida
- 11:00-11:15** "In-vivo optical imaging and microscopy of skin"
Elizabeth Hillman, PhD., Columbia University, New York
- 11:20-11:40** “Type VII Collagen-Based Protein Therapy for Dystrophic Epidermolysis Bullosa”
Mei Chen, PhD, USC, California
- ** 11:45-12:00**** Coffee Break

Session III: Transplantation and Clinical Experiences

- 12:00-12:25** “Fibroblast and Bone Marrow Stem Cell-Based Cell Therapy for Dystrophic Epidermolysis Bullosa”
David Woodley, M.D., USC, California
- 12:30-12:50** “Fibroblast Therapy for RDEB”
John Mc Grath, M.D., St Johns Hospital, London
- 12:55-1:20** "Allogeneic Mesenchymal Stem Cells Administered Intradermally in RDEB-HS Patients Revert the Phenotype in Normal and Lesional Skin"
Francis Palisson, M.D., Universidad del Desarrollo, Santiago, Chile
- 1:25-1:45** “Cell Therapy in RDEB”,
Mohammad El-Darouti, M.D., Cairo University, Egypt
- 1:45-2:45** **Lunch on your own**
- 3:00-4:30** Panel discussion

Conference Chairs

Angela M. Christiano, PhD

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Organizing committee

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