

## **CURRICULUM VITAE**

**NAME:** Kathleen Janée Green

**TITLE:** Joseph L. Mayberry Professor of Pathology  
Professor of Dermatology  
Associate Director, Basic Science Division, R.H. Lurie Comprehensive Cancer Center

**ADDRESS:** Department of Pathology  
Northwestern University  
Feinberg School of Medicine  
303 East Chicago Ave.  
Chicago, IL 60611

**PHONE:** (312) 503-5300

**FAX:** (312) 503-8240

**E-mail:** [kgreen@northwestern.edu](mailto:kgreen@northwestern.edu)

**Website:** <http://www.kgreen.northwestern.edu/>

**DATE OF BIRTH:** June 26, 1955

**PLACE OF BIRTH:** Pomona, California

### **EDUCATION AND TRAINING:**

Undergraduate: Pomona College, Claremont, CA.,  
B.A. in Biology with Distinction (1977)  
*Effects of CO<sub>2</sub> Enhancement in Ponderosa Pine*

Graduate: Washington University,  
St. Louis, MO. Ph.D. in Cell  
and Developmental Biology  
(May 1982). David Kirk, advisor  
*Early development in Volvox.*

Postdoctoral: Northwestern University Medical  
School, Chicago, IL. (1982-1987).  
Robert D. Goldman, advisor.  
*Intermediate filament-cell surface interactions.*

### **SPECIALIZED TRAINING**

Physiology Course (Cell and Mol. Biology), Marine Biological Laboratory, Woods Hole, MA., Summer 1981

Morphometry and Stereology Course, Woods Hole Educational Associates, Woods Hole, MA., Nov. 28-Dec. 2, 1988

Kellogg Business School Certificate Course, Business for Scientists and Engineers, 2007-08 (by invitation only).

### **PROFESSIONAL EXPERIENCE AND APPOINTMENTS:**

- 1984-85 Associate Instructor, MBL (Physiology: Cell and Mol. Biology)  
 1987 Research Assistant Professor, Dept. of Cell Biology and Anatomy, Northwestern University Medical School  
 1987-93 Assistant Professor, Dept. of Pathology and the Cancer Center, Northwestern University Medical School.  
 1993-97 Associate Professor, Depts. of Pathology and Dermatology (Adjunct), Northwestern University Medical School.  
 1996-01 Associate Chair of Research and Graduate Education, Dept. of Pathology  
 1996- Professor, Departments of Pathology and Dermatology  
 2006-15 Program Leader, TIMA (Tumor Invasion, Metastasis and Angiogenesis), R.H. Lurie Cancer Center  
 2009-11 Director, Skin Disease Research Center Keratinocyte Core  
 2011- Co-Director, Skin Disease Research Center Keratinocyte Core  
 2015- Associate Director for Basic Sciences, R.H. Lurie Comprehensive Cancer Center  
 2015-16 Visiting Professor and Humboldt Research Scholar, University of Cologne, Cologne, Germany

### **HONORARY AND PROFESSIONAL SOCIETIES:**

Phi Beta Kappa 1977  
 American Society for Cell Biology  
 American Association for the Advancement of Science.  
 Society for Investigative Dermatology  
 American Heart Association  
 American Association for Investigative Pathology  
 Dermatology Foundation-Leaders' Society

### **HONORS and AWARDS:**

Pomona College Scholar (1973)  
 Graduated cum laude, with Distinction in Biology, Pomona College (1977)  
 ASCB Young Scientist Award-2nd Int. Congress Cell Biology, Berlin (1980)  
 MBL Physiology Course Award, Summer (1981)  
 March of Dimes Basil O'Connor Starter Scholar (1988-91)  
 American Cancer Society Junior Faculty Research Award (1990-93)  
 Johnson & Johnson Focused Giving Award (1992-1995)  
 American Cancer Society Faculty Research Award (1993-98)  
 Fellow of the American Association for the Advancement of Science (1999)  
 William Montagna Award Lecture (Society for Investigative Dermatology) (2002)  
 Keith Porter Fellow (2001-2004)  
 Tanioku Kihei Memorial Award Lecture (Japanese Society for Investigative Dermatology)(June 2006)  
 President, Society for Investigative Dermatology (2010-11)  
 Distinguished Women in Medicine and Science Award Lecture-Northwestern University (2011)  
 Women in Science and Society Lectureship-Univ. of Cologne (2011)  
 R37 (MERIT Award) AR43380-16 (awarded 4/1/11)  
 Secretary, American Society for Cell Biology (2011-2017)  
 Martin and Gertrude Walder Award for Research Excellence (2012)  
 Faculty Award for Engagement-The Graduate School, Northwestern University (2014)  
 Kligman Frost Leadership Award-The Society for Investigative Dermatology (2015)  
 Humboldt Research Award-Alexander von Humboldt Foundation (2015)  
 Elected to the German National Academy of Sciences-Leopoldina (2016)  
 Elected as Fellow of the American Society for Cell Biology (2017)

*June 1, 2018*

25<sup>th</sup> David Martin Carter Mentor Award, American Skin Association (2018)

## **INSTITUTIONAL SERVICE AND ACTIVITIES**

### **Departmental Appointments and Committees:**

Ad hoc committee for Pathology Graduate Program brochure (1988-89)  
 Oral Pathology Search Committee (1993)  
 Chair, Research Committee (1993-2000)  
 Chair, Departmental Graduate Studies Committee (1993-2000)  
 Chair, Graduate Studies and Research Committee (2000-present)  
 Research Director-Department of Pathology (1993-present)  
 Pathology Executive Committee (1995-2000; 2017)  
 Pathology Steering Committee (1996-2000)  
 Pathology Steering/Executive Committee (2000-2009)  
 Chair, Pathology Space Design Committee (1997-98)  
 Chair, Pathology Search Committee for Basic Science (1999-2000)  
 Organizer, Annual Departmental Retreat (2001-2002; 2008-9)  
 Chair, Pathology Space Committee (2002-2006)  
 Chair, Pathology Departmental Seminar Program (2006-8)  
 Dermatology Appointments & Promotions Committee (1997-9)  
 Pathology Appointments & Promotions Committee (1997-present)  
 Pathology Basic Science Search Committee (2008-10)  
 Pathology Department Search committee (2009-2011; 2014-16)  
 Department of Dermatology Faculty Search Committee (2016-current).

### **Medical School/University Committees and Seminars Organized:**

Cancer Center Education Committee, Chair (1989-91); Member (1991-1997)  
 Cancer Center Basic Sciences Seminar Series, Organizer (1989-91)  
 Cancer Center Posters N' Wine, Conceiver and organizer (1990-95)  
 Intramural Research Committee, Member (BRSG Review Panel)(1989-1992)  
 Medical Student Faculty Advisor (1991-92)  
 Dermatology Chair Search Committee, Member (1991)  
*Lectures in the Life Sciences* Steering Committee, Conceiver and Chair (1991-1993)  
 Cell Imaging Facility Steering Committee, Member (1993-present)  
 Associate Director for Education-Robert H. Lurie Cancer Center (1993-1994)  
 Leadership Committee-Robert H. Lurie Cancer Center, Member (1993-1995)  
 NUMs Academic Research Council, Member (1993-96)  
 Gramm Travel Fellowship Committee, Initiator and Chair (1994-98)  
 University Committee on Conflicts (1994-97)  
 Pediatrics Search Committee, Member (1998-1999)  
 Appointments and Promotions Ad Hoc Committee (1998-Chair; 1999-Chair, 2004-Chair, 2005)  
 Genetics Department Space Design Committee, Member (1998)  
*Lectures in the Life Sciences* Steering Committee, Member (1997-99)  
 Dermatology Chair Search Committee (2000-2001)  
 The Research Council-Member (1997-2001)  
 Senior Presidential Fellow, Northwestern University Pres. Fellows Committee (2002-2004)  
 Microbiology/Immunology Chair Search Committee (2002-2003)  
 Interdepartmental Cell Biology Faculty Search Committee (2002-2003)  
 Evanston Life Sciences Council (2003-2005)  
 Program Review Committee-Department of Medicine (2006)

*June 1, 2018*

Surgery Chair Search Committee (2006-7)  
 Northwestern University Limited Submissions Committee (2007-8)  
 R.H. Lurie Cancer Center-Chair of TIMA Subgroup (Tumor Invasion) (1998-2002)  
 Tumor Invasion Metastasis and Angiogenesis Program Leader, RH Lurie Cancer Center (2007-15)  
 Epithelial Cell Biology Group Organizer (2007-current)  
 Chicago Biomedical Consortium Scientific Advisory Council (2005-2007)  
 Advisory Board Member: Office of Postdoctoral Affairs, Northwestern University (2007-9)  
 Appointments and Promotions Committee (NUFSM) (2008-12); Co-Chair (2012)  
 Northwestern University Limited Submissions Review Committee (2007-2009)  
 One Northwestern Faculty Task Force: Co-Chair (Chicago Campus) (2007)  
 Nephrology Division Chief Search Committee (2008-2010)  
 Searle Leadership Committee (2008-10)  
 Chicago Biomedical Consortium SPARK/LEVER Award Reviewer (2008-10)  
 Task Force Committee on Evaluating Faculty Track System (2009-10)  
 Task Force Committee on Evaluating Promotions and Appointments System (2009-10)  
 The Graduate School: Dean Search Committee (2010)  
 Feinberg School of Medicine: Basic Sciences Task Force (2010-2011)  
 Northwestern University Presidential Fellow Selection Committee (2012-15)  
 Feinberg School of Medicine: Biochemistry Department Chair Search Committee (2012-2013)  
 Feinberg School of Medicine: Neonatology Division Chief Search Committee (2012-2013)  
 The Graduate School-TGS Academic Affairs Council (2012-15)  
 Feinberg School of Medicine: Pharmacology Search Committee (2014-)  
 Feinberg School of Medicine: Search Committee for Cancer Center Director (2014)  
 Lefkofsky Family Innovation Research Fund, R.H. Lurie Cancer Center-Selection Committee (2014)  
 Robert H. Lurie Cancer Center: Cancer Genetics Search Committee (2015-17)  
 Robert H. Lurie Cancer Center: Space committee, Chair (2015-cur)  
 Robert H. Lurie Cancer Center: Executive Committee (2015-cur)  
 Robert H. Lurie Cancer Center: Basic Research Funding Oversight Committee (2015-cur)

### **Committees on Graduate Education and Training**

Executive Committee for IGP (Integrated Graduate Program-Life Sciences) (1990-1996)  
 Program Director for Cell Biology and Differentiation (IGP Program) (1990-1993)  
 Associate Director IGP, Cell and Molecular Biology (1993-1996)  
 IGP Ad Hoc Charter Committee (1994-95)  
 IGP Recruiting Committee (1996-2000)  
 IGP Recruiting Committee, Chair (1997-98)  
 IGP Qualifying Exam Committees (annually)  
 IMSD (Initiative for Maximizing Student Diversity-NIGMS) Admission/Education Committee (2007-10)  
 Chair, IGP Directorship Search Committee (2008)  
 One Northwestern Graduate Merger Committee (Senior Faculty) (2008-09)  
 Training Cluster in Cancer Biology: Curriculum Development for IGP-IBiS Merger (2010)  
 Training Cluster in Cancer Biology: Director/Co-Director (2010-cur)

### **Participation in Graduate and Postgraduate Training Programs (NIH funded):**

#### Active Training Grant Activities:

T32 Carcinogenesis Training Grant (P.I. 1998-current)  
 T32 Postgraduate Training Program in Cutaneous Biology (Co-PI 1996-98; P.I. 1999-2005; Research Preceptor 2012-)  
 T32 Cellular and Molecular Basis of Disease Training Grant

*June 1, 2018*

Co-P.I. and Member of Steering Committee (1994-1999); Preceptor (current); Internal Advisory BD (2016-cur)  
 MD-Ph.D. (MSTP) Training Grant (Preceptor; First year class advisor, 1999-00; Executive Steering Committee, 1999-2005)  
 T32 Signal Transduction (Preceptor; Member of Steering Committee)  
 T32 Oncogenesis and Developmental Biology (Preceptor and member of Selection Committee)  
 T32 Pulmonary Training Program T32 (Steering Committee)  
 T32 Endocrinology Internal Advisory Board (2018-)

Previous Service:

T32 Molecular Toxicology (Preceptor)  
 IMSD (Initiative for Maximizing Student Diversity Program)(Research Preceptor)  
 T32 in Clinical Oncology-Preceptor and Member of Selection Committee

**PUBLIC SERVICE**

Illinois Division of American Cancer Society  
 Speaker at local hospital and community organizations  
 Speaker (and participant) at Bikathon organizational and kick-off events

Illinois March of Dimes-Greater Chicago Division  
 Participant at Volunteer Breakfasts/Events  
 Speaker at Board Luncheons and Volunteer Orientations

WBEZ –Odyssey Radio Show, Invited Panel Member to speak on funding of Biomedical Research

**EXTRAMURAL SERVICE AND ACTIVITIES**

**National/International Committees**

American Society for Cell Biology (ASCB) Congressional Liaison Committee, Member  
 Special Commission on Cell and Membrane Biophysics, IUPAB, Member (1994-97)  
 Society for Investigative Dermatology (SID) Annual Program Evaluation Committee (1995)  
 Society for Investigative Dermatology: Committee on Membership, Member (1996-1999); Chair (1998-99)  
 Society for Investigative Dermatology: Committee on Scientific Programs, Ad hoc reviewer (1994-99)  
 Society for Investigative Dermatology: Committee on Scientific Programs, Member, (2000-2004)  
 American Society for Cell Biology Promega Award Selection Committee (2002)  
 SID/ESDR Liaison Committee (2004-7)  
 American Society for Cell Biology- Scientific Program Committee (2004-2005)  
 American Society for Cell Biology Gilula/Bernfield Fellowship Award Committee Chair (2005)  
 Society for Investigative Dermatology: Long Range Planning Committee (2005-08)  
 American Society for Cell Biology-E.B. Wilson Award Selection Committee (2006)  
 SID Secretary/Treasurer-Search Committee (2007)  
 Cancer Biology Training Consortium (CABTRAC) (2006-current).  
 Keystone Symposia Cell Biology Study Group (program development) (2008)  
 SID Secretary/Treasurer Search Committee (ex officio; 2010-11)  
 Journal of Investigative Dermatology Editor Search Committee (ex officio; 2010-11)  
 SID Executive Committee (2009-2012)  
 SID 75<sup>th</sup> Anniversary History Committee (2009-12)

*June 1, 2018*

Society for Investigative Dermatology: Board of Directors (2001-2006; 2009-2012-serving as President Elect, President, and Past President)  
 Montagna Symposium Biology of the Skin 60<sup>th</sup> Anniversary committee (2009)  
 American Society for Cell Biology- ASCB Council (2008-2011)  
 ASCB Secretary and Chair of Membership Committee (2012-15)  
 ASCB Executive Committee (2012-15)  
 SID Nominating Committee (2012)  
 SID Kligman Award Selection Committee (2012)  
 Keith R. Porter Endowment Board (2012-current)  
 ASCB Strategic Planning Core Committee (2016-2017)  
 ASCB Awards Selection Committee (2018)

### **Consulting and Advisory Activities**

Procter & Gamble (1996-97)  
 Vanderbilt Cancer Center Pilot Project Consultant (1999)  
 External Advisory Committee: Program Project Grant *"Interdisciplinary Research in Dermatology"* (Beverly Dale, P.I.), Department of Oral Biology and Periodontics, University of Washington, Seattle.  
 External Advisory Committee: T32 Program in Translational Cancer Biology, Univ. Mass. Medical School, Arthur Mercurio, P.I. (2007-2009)  
 External Advisor: T32 Program in Cell Biology, West Virginia University (2008)  
 Scientific Advisory Board: European Commission CORDIS; Annex I Collaborative Grant: Pemphigus-From Autoimmunity to Disease" (2010-current)  
 External Advisory Board: SFB 829 University of Cologne, Germany (2015-current)  
 External Advisory Board: Pemphigus-from Pathogenesis to Therapeutics; Deutsche Forschungsgemeinschaft (DFG) Research Unit (Forschergruppe) (2018).  
 External Advisory Board: OHSU T32

### **Scientific Review Panels and Advisory Councils:**

*Ad hoc:*

Maternal and Child Health Research Committee, NIH Ad hoc (1991)  
 American Cancer Society- Personnel B Scientific Advisory Com. Ad hoc (1992)  
 VA Merit Review, Ad hoc (1992)  
 Human Frontier Science Program, Ad hoc (1992, 1994, 1995)  
 National Science Foundation, Cell Biology/Cellular Organization Program, Ad hoc (1993)  
 Medical Research Council of Canada, Ad hoc (1995-current)  
 American Cancer Society-Advisory Committee on Cell Biology (1993)  
 NIH-Biological Sciences II Study Section, Ad hoc (1994)  
 NIH NCI Dermatology Branch Reviewer (October 1997)  
 The Wellcome Trust (1998-present)  
 Board of Scientific Counselors, NIH/NIAMS, ad hoc review of Lab of Skin Biology (Dec. 2000)  
 NIH/NIAMS: Member of Advisory Panel on Planning to the Director of NIAMS (December 2000)  
 CDF-4 (Cell Biology), NIH ad hoc (2002)  
 NCI-F (Training), NIH (2004)  
 TME (Tumor Microenvironment), NIH ad hoc (October 2005)

*June 1, 2018*

Leadership Review Committee, NIH/NIAMS (review of NIAMS Director) (2012)  
 NIH ACTS Study Section, Ad hoc (2013)  
 NIH/NCI Dermatology Branch, External Advisory Board (2015-16)  
 IAM Review, NIH Oncology 1 - Basic Translational (OBT) IRG (December 2014)

*Member/Chair:*

Illinois American Cancer Society Research Committee (1992-1994)  
 American Cancer Society-Advisory Committee on Cell Biology (1993-97)  
 NIH-General Medicine A1 Study Section: ad hoc (1994); Permanent Member (1995-2000)  
 Chair, NIH-General Medicine A1 Study Section (1998-2000)  
 Scientific Advisor: Chicago Biomedical Consortium (2006-current)  
 National Sciences and Engineering Research Council of Canada: Discovery Grant proposal referee (2010-)

National Institute of Arthritis Musculoskeletal and Skin Disease (NIAMS) Scientific Advisory Council (2007-2010)  
 NIH-ACTS (Arthritis, Connective Tissue, Skin Study Section Study Section-Permanent Member) (2014-18); Chair (2016-2018)

**Journals and Editorial Boards:**

**Ad hoc Reviewer for (not comprehensive):**

*Cell*  
*Nature Reviews*  
*Nature Cell Biology*  
*Nature Communications*  
*EMBO J.*  
*Genes & Development*  
*The Journal of Cell Biology*  
*eLife*  
*Proc. Natl. Acad. Sci*  
*Trends in Cell Biology*  
*The Journal of Biological Chemistry*  
*FASEB J.*  
*Molecular Biology of the Cell*  
*Journal of Cell Science*  
*The Journal of Clinical Investigation*  
*The Journal of Experimental Medicine*  
*Developmental Biol.*  
*Molecular Cell. Biol.*  
*Cancer Research*  
*J. Histochemistry and Cytochemistry*  
*J. Cell Physiology*  
*Journal of Hepatology*  
*Experimental Cell Research*  
*Laboratory Investigation*  
*Epithelial Biology*  
*Cell Motility and the Cytoskeleton*  
*International J. Cancer*

**Editorial Boards**

*The Journal of Cell Science* (Jan. 1992-2002)

*June 1, 2018*

*The Journal* (of the R.H. Lurie Cancer Center) (1993-1996)  
*Faculty 1000* (2001-2016)  
*Journal of Dermatological Science* (2003-present)  
*Cell Adhesion and Communication* (2013-present)  
*The Journal of Investigative Dermatology* (2017-present)

### **Advisory Boards**

*Experimental Dermatology* (1996-2005)

### **Associate Editor:**

*The Journal of Investigative Dermatology* (2002-2016)

### **Advisory Board Member:**

*The Journal of Investigative Dermatology* (2016-present)

### **Consulting Editor:**

*The Journal of Clinical Investigation* (2012-present)

### **Editor:**

*Curr. Opin. Cell Biology (Cell-Cell Contact & Extracellular Matrix)* (October 2004)  
*The Journal of Cell Science* (2002-2012)  
*Current Protocols in Cell Biology* (2018-)

### **Deputy Editor in Chief:**

*The Journal of Cell Science* (2012-present)

### **Meeting Organization:**

First Annual Schweppe Colloquium (Sponsored by the NU Cancer Center) on *Cell and Molecular Biology of Disease: Epithelial Differentiation and Neoplasia* Chicago, Sept. 30-Oct. 2, 1990

Gordon Conference on *Intermediate Filaments*, July 1992 (Vice-Chair)

Gordon Conference on *Intermediate Filaments*, July 1994.(Chair)

Keystone Meeting on the *Cytoskeleton in Cell Growth Organization and Differentiation*, Taos, New Mexico, February, 1995. (Co-Chair)

ASCB Minisymposium on "Regulation, Structure and Function of Cell Junctions" Dec. 11-15, 1999, Washington DC. (Co-Chair)

Gordon Conference on *Epithelial Differentiation & Keratinization*, July 2001 (Vice-Chair).

Gordon Conference on *Epithelial Differentiation & Keratinization*, July 2003 (Chair).

International Investigative Dermatology (IID) (4<sup>th</sup> joint meeting of ESDR, JSID, SID), April 30-May 4, 2003, Miami Beach, Fla. (Co-organizer)

ASCB Minisymposium Co-chair on "Cytoskeleton, Adhesion and Disease" Dec. 9-13, 2006, San Diego, CA (Co-Chair).

R.H. Lurie Cancer Center TIMA Symposium on *Receptor Tyrosine Kinase Signaling and Cancer*, October 22, 2007.

International Meeting of Autoimmune Bullous Diseases, International Program Committee, May 17-19, 2008, Kyoto Japan.

June 1, 2018



Annual H Foundation/RH Lurie Cancer Center Basic Science Symposium on "Epithelial to Mesenchymal Transition" May 15, 2009, Chicago, Illinois.

JSID (Japanese Society for Investigative Dermatology) -Asia-Oceania-Forum (JSID)- International Organizing Committee (2011).

Montagna Symposium on the Biology of Skin (Chair)- October 11-15<sup>th</sup>, 2012, Salishan Resort, Oregon.

### **INVITED PRESENTATIONS AT NATIONAL/INTERNATIONAL MEETINGS:**

- ASCB Platform Session: "Cell Walls", Toronto, Canada, 1979
- ASCB Platform Session: "Intermediate Filaments II", Baltimore, 1982.
- ASCB Minisymposium: "Membrane-Cytoskeleton Interactions", Kansas City, 1984.
- Symposium on Molecular and Cellular Biology of Intermediate Filaments, Univ. of Montreal, Canada, 1988.
- ASCB Special Interest Group Meeting: "Adhesion in Biological Systems", San Francisco, 1989.
- Third European Congress on Cell Biology, Workshop on Cell-Cell Interactions, September 2-7, 1990, Firenze, Italy.
- American Association of Anatomists-104th Annual Meeting: Symposium on "Intermediate Filaments", Chicago, IL., April 1992.
- ASCB Minisymposium on "Molecular Dynamics of the Cytoskeleton", Dec. 8-12, 1992, Boston, MA.
- 91st meeting of the Japanese Dermatological Association: "Frontiers in Keratinocyte Biology" Tokyo (Chiba City), April 1992
- Markey Symposium on "Cell Surfaces and Biological Recognition", Univ. of California, Berkeley, CA, March 22-23, 1993.
- 54th Annual Meeting of the Society for Investigative Dermatology, "Keratinocyte Differentiation and Novel Genes in Skin", Washington D.C., April 28-May 1, 1993.
- ASCB/EMBO Conference on "Intermediate Filaments", June 19-23, Airlie House, VA.
- 11th International Congress of Biophysics (International Union of Pure and Applied Biophysics), Symposium on "Supramolecular Structure and Function", Budapest, Hungary, July 25-30, 1993.
- EMBO Workshop on "Coiled-coils and Collagen", Sept. 5-11, 1993, Alpbach, Austria.
- American Federation for Clinical Research, Dermatology I, State of the Art Lecture, Nov. 4, 1993.
- 55th Annual Meeting of the Society for Investigative Dermatology, Co-Chair and Speaker in Session "Components of Adherens Junctions", Baltimore, April 27-30, 1994.
- Johnson & Johnson Annual Focused Giving Scientific Symposium, Speaker on "Assembly and Regulation of Epidermal Adhesive Junctions, New Brunswick, NJ, Nov. 29, 1994.
- Keystone Meeting on the "Cytoskeleton in Cell Growth Organization and Differentiation", Chair and Speaker in session on "Interaction of the Cytoskeleton with Cell Surface Adhesive Junctions", Taos, New Mexico, February, 1995.
- Symposium on "Molecular Mechanisms in Dermal-Epidermal Interactions", Speaker in session on "Epidermis", Kloster Irsee, Germany, March 10-13, 1995.
- 56th Annual Meeting of the Society for Investigative Dermatology, Speaker in Plenary Session I, Chicago, May 24-28, 1995.

*June 1, 2018*

- 9th Annual Meeting of the Japanese Keratinocyte Research Club, Invited Guest Speaker, Aug. 31-Sept. 2, 1995, Gifu, Japan.
- ASCB Minisymposium on “Cytoskeletal Interactions with Intercellular Junctions”. Platform presentation and Invited Discussant. Dec. 9-13, 1995, Washington DC.
- 57th Annual Meeting of the Society for Investigative Dermatology, Chair of Oral Session “Keratinocyte Biology I” and speaker in Plenary Session III, Washington DC, May 1-5, 1996.
- Society of General Physiologists, 50<sup>th</sup> Annual Meeting and Symposium on “Cytoskeletal Regulation of Membrane Function”, Woods Hole, Mass., Sept. 5-7, 1996.
- Boehringer Ingelheim Fonds, International Titisee Conference on “Cell Junctions and Disease, October 2-6, 1996.
- NASA Meeting on “The Cytoskeleton: Mechanical, Physical, and Biological Interactions”, Woods Hole, Mass., November 15-17, 1996.
- 58th Annual Meeting of the Society for Investigative Dermatology, Chair of Symposium and Introductory Talk in Featured Symposium on “Cellular Adhesion Molecules”, Washington DC, April 23-27, 1997.
- Second Alpach Workshop on "Coiled-coils, Collagen and Co-Proteins", Invited Speaker in Session on Intermediate Filaments and Associated Proteins, Sept. 5-11, 1997, Alpach, Austria.
- ICRF Symposium on “Intercellular Adhesion in Epithelia”, Invited speaker, title: “Keeping Intercellular Adhesive Junctions Segregated”, London, U.K. September 15, 1997.
- ASCB Minisymposium on “Cell-cell adhesion and junctions”. Platform presentation presented by Andrew Kowalczyk. Dec. 13-17, 1997, Washington DC.
- Satellite Symposium on hereditary and Acquired Bullous Dermatoses, Invited speaker in session on “Structure and function of Adhesive Epidermal Structures”, Salzburg, Austria, May 4-5, 1998
- International Investigative Dermatology, Third Joint Meeting of ESDR, JSID, and SID. Speaker in Plenary Session III. Cologne, Germany, May 10, 1998.
- 60th Annual Meeting of the Society for Investigative Dermatology, MiniSymposium on “Adhesion: Components and Mechanisms”, Platform presentations presented by Elayne Bornslaeger and Leslie Bannon. Chicago, May 5-9, 1999.
- 60th Annual Meeting of the Society for Investigative Dermatology, Plenary Session 2, Platform presentation presented by Suzanne Norvell. Chicago, May 5-9, 1999.
- Batsheva Seminar on the “Dialogue Between Cell Adhesion, Protein Degradation and Transcriptional Regulation in Cancer”, session on *Growth Factor Receptors and the ECM in Differentiation and Cancer*, The Weizmann Institute of Science, Rehovot and Hyatt Regency Hotel, Dead Sea, November 21-25, 1999.
- Co-Chair and invited participant in ASCB Minisymposium on “Regulation, Structure and Function of Cell Junctions” Dec. 11-15, 1999, Washington DC.
- Pemphigus 2000, Invited Speaker in session on “*The Target*”, Bangkok, Thailand, Aug. 8-9, 2000.
- 3<sup>rd</sup> Annual Japanese Society for Investigative Dermatology Forum on “Hemidesmosomes, Desmosomes and Tight Junctions”, invited speaker in session on Desmosomes, Gifu, Japan, Sept. 1-2, 2000.
- 62th Annual Meeting of the Society for Investigative Dermatology, Co-Chair, Concurrent Session on “Keratinocyte Cell Biology”; platform presentation by Claire Gaudry, Washington D.C. May 9-12, 2001.

June 1, 2018

- Belguin-Dutch Meeting on Cell Adhesion Invited speaker in session on *Cell-Adhesion-Cytoskeleton Connections*, Ghent, November 9-10, 2001,
- Chicago Cytoskeleton Meeting, *Making and Breaking Intercellular Adhesive Junctions*, Chicago, IL, November 16, 2001.
- 63th Annual Meeting of the Society for Investigative Dermatology, Clinical Scholars Program: "Epidermal Structure and Adhesion", Los Angeles, CA, May 15-18, 2002.
- ASCB Minisymposium on "Cell-Cell Junctions" Dec. 14-18, 2002, San Francisco. Platform presentation presented by L.M. Godsel.
- American Soc. For Invest. Pathology at FASEB. Invited speaker in session on "*Molecular and Cellular Basis of Disease: Cell Adhesion and Signaling*", April 15, 2003, San Diego, CA.
- International Investigative Dermatology (IID), Minisymposium on *Cell Adhesion and Matrix Biology* (presented by Spiro Getsios), April 30-May 4, 2003, Miami Beach, Fla.
- Arden House Biomedical Sciences Symposium, Columbia University on "Integration of the Cytoskeleton: Signaling & Crosstalk". Speaker in "*Cytoskeletal Interactions in Cell Polarity*" session. July 25-27, 2003.
- Speaker in "*Current Advances and Controversies in the Biological Function of p120-catenin family proteins*, Special Interest Group Meeting. "p120 catenin associates with kinesin and facilitates the transport of cadherin-catenin complexes to intercellular junctions". 43<sup>rd</sup> Annual ASCB Meetings December 13-17<sup>th</sup>, 2003, San Francisco.
- ASCB Minisymposium on "*Cell-Cell Communication*" 43<sup>rd</sup> Annual ASCB Meetings December 13-17<sup>th</sup>, 2003, San Francisco. Platform presentation by Taofei Yin.
- 65th Annual Meeting of the Society for Investigative Dermatology, MiniSymposium on "*Epidermal Structure and Function*", Platform presentation presented by Lisa M. Godsel. Providence, R.I. April 28-May 1, 2004.
- 65th Annual Meeting of the Society for Investigative Dermatology, MiniSymposium on "*Cell Adhesion & Matrix Biology*", Platform presentations presented by Spiro Getsios and Taofei Yin. Providence, R.I. April 28-May 1, 2004.
- ASCB Minisymposium on "*Intermediate Filaments*" 44<sup>rd</sup> Annual ASCB Meetings December 4-8<sup>th</sup>, 2004, Washington DC. Platform presentation by Lisa Godsel.
- 66th Annual Meeting of the Society for Investigative Dermatology, MiniSymposium on "*Cell Adhesion & Matrix Biology*", Platform presentation presented by Jodi Jackson Klessner, St. Louis MO, May 4-7<sup>th</sup>, 2005.
- 66th Annual Meeting of the Society for Investigative Dermatology, MiniSymposium on "*Epidermal Structure & Function*", Platform presentation presented by Spiro Getsios, St. Louis MO, May 4-7<sup>th</sup>, 2005.
- 67th Annual Meeting of the Society for Investigative Dermatology, *Plenary Session I*, Platform presentation presented by Amanda Bass, Philadelphia, PA, May 2-6<sup>th</sup>, 2006.
- 67th Annual Meeting of the Society for Investigative Dermatology, MiniSymposium on "*Epidermal Structure & Function*", Platform presentation presented by Spiro Getsios, Philadelphia, PA, May 2-6<sup>th</sup>, 2006.
- ASCB Minisymposium on "*Cytoskeleton, Adhesion and Disease*" 46th Annual ASCB Meetings December 9-13<sup>th</sup>, 2006, San Diego, CA. Platform presentation by Amanda Bass Zubek.

- 68th Annual Meeting of the Society for Investigative Dermatology, MiniSymposium on “*Cell Adhesion and Matrix Biology*”, Platform presentation presented by Cory Simpson, Los Angeles, CA, May 9-12<sup>th</sup>, 2007.
- Workshop on “Cell and Molecular Biology of Junctions of the Heart and Genetically Determined Cardiomyopathies”, invited speaker, German Cancer Research Center, Heidelberg, October 8-9, 2007.
- International Investigative Dermatology 2008, Plenary Session VI: “Desmoglein 1 engages an actin remodeling pathway via the Src-family kinase substrate cortactin during keratinocyte stratification, Plenary Session presentation presented by Cory Simpson, Kyoto, Japan, May 14-17, 2008.
- International Meeting on Autoimmune Bullous Diseases, invited speaker in session on Desmosome Dynamics in Health and Disease, “Desmogleins and Epidermal Morphogenesis”, Otsu, Japan, May 17-19, 2009.
- 16<sup>th</sup> World Congress in Cardiac Electrophysiology and Cardiac Techniques: Cardiostim 2008, invited speaker in session on “Right Ventricular Cardiomyopathy II” June 18-21<sup>st</sup>, Nice, France.
- MEXT International Symposium on Cell Cycle and Cytoarchitecture, invited speaker and session chair, Nagoya, Japan, March 26-28, 2009.
- “International Seminar for Keratinocyte Biology and Disease” in honor of the retirement of Yasuo Kitajima, Gifu, Japan, March 2009.
- 13<sup>th</sup> Annual BCMB (Biochemistry, Cell and Molecular Biology Training Grant Sponsored) Symposium: “Epithelial Biology: It Covers Everything”. Emory University, Atlanta, GA. April, 2-3, 2009.
- 69th Annual Meeting of the Society for Investigative Dermatology, MiniSymposium on “*Epidermal Structure and Function*”, Platform presentation presented by Robert Harmon, Montreal, Quebec, Canada, May 6-9<sup>th</sup>, 2009.
- 69th Annual Meeting of the Society for Investigative Dermatology, MiniSymposium on “*Cell Adhesion and Matrix Biology*”, Platform presentations presented by Ryan Hobbs and Lisa Godsel, Montreal, Quebec, Canada, May 6-9<sup>th</sup>, 2009.
- International Pemphigus Meeting, Keynote Lecture II: Intercellular Adhesion and Cell Signaling: Perspective on Desmosomes. June 27-29, 2009, Berne, Switzerland.
- 70th Annual Meeting of the Society for Investigative Dermatology, MiniSymposia on “*Cell Adhesion and Matrix Biology*”, *Epidermal Structure and Function*, and *Growth Factors and Signaling*, Platform presentations presented by Cory Simpson, Viktor Todorovic, K. Green, Atlanta, GA, May 5-8, 2010.
- MEXT International Symposium on Cell Cycle and Cell Differentiation, invited speaker and session chair, Nagoya, Japan, November 3-6, 2010.
- ASCB Minisymposium on “*Cytoskeletal and Nuclear Intermediate Filaments and Disease*” 50th Annual ASCB Meetings December 11-15<sup>th</sup>, 2010, Philadelphia, PA. Platform presentation by Ryan Hobbs.
- 2<sup>nd</sup> Von Behring-Roentgen Symposium, “*Pemphigus-from autoimmunity to disease*”, invited lecture “Desmosomes and epidermal cell adhesion”, Philipps University, Marburg, Germany. March 18-19, 2011.
- 71th Annual Meeting of the Society for Investigative Dermatology, MiniSymposium on “*Cell Adhesion and Matrix Biology*”, Platform presentation presented by Oksana Nekrasova, Phoenix, AZ, May 4-7, 2011.

June 1, 2018

- 20<sup>th</sup> Annual University of Minnesota Developmental Biology Symposium, *"The Ties that Bind: Cell Junctions and Adhesion in Development"*. Invited speaker. September 27, 2011.
- 60<sup>th</sup> Annual Montagna Symposium on the Biology of the Skin *"Advances in Science and Medicine Catalyzed by Pioneering Skin Research"*. Columbia River Gorge, Portland, Oregon. Invited speaker. October 13-17, 2011.
- Minisymposium on Adhesion-Component Based Signaling. Invited speaker. University of Bern, Switzerland. November 16<sup>th</sup>, 2011.
- The JSID-Asia-Oceania Forum (associated with the 36<sup>th</sup> Annual Meeting of the Japanese Society for Investigative Dermatology). Invited Speaker. December 11, 2011.
- 18<sup>th</sup> World Congress in Cardiac Electrophysiology and Cardiac Techniques: Cardiostim 2102 invited speaker in session on *"The Intercalated Disc and Arrhythmogenic Cardiomyopathy"*, Invited speaker. Nice, France. June 13-16<sup>th</sup>. 2012.
- Montagna Symposium on the Biology of the Skin *"Keeping It Together: Adhesion, the Cytoskeleton and Signaling in Morphogenesis and Tissue Function"*. Salishan Resort, Oregon. Organizer, Speaker and Session Chair. October 15, 2012.
- International Meeting of the German Society for Cell Biology: *Molecular concepts in epithelial differentiation, pathogenesis and repair*. Leipzig, Germany. Invited Speaker. November 7-10, 2013.
- The JSID-Asia-Oceania Forum (associated with the 37<sup>th</sup> Annual Meeting of the Japanese Society for Investigative Dermatology). *"The dynein light chain, Tctex, is a novel binding partner of Desmoglein 1 that regulates epidermal morphogenesis"* Okinawa, Japan. December 9, 2012.
- The 25<sup>th</sup> Cell and Developmental Biology Meeting, *"Cilia and Centrosomes: from Fertilization to Cancer"*; Invited speaker in session on *Cytoskeletal Interactions*. Kobe, Japan. June 17-19, 2013.
- The 65<sup>th</sup> meeting of the Japanese Society for Cell Biology, Invited speaker Nagoya, Japan. June 19-21, 2013.
- International Investigative Dermatology, Plenary Session 4: *"The dynein light chain Tctex-1 is a novel interacting protein of desmoglein 1 that regulates epidermal morphogenesis."* Plenary talk presented by Oksana Nekrasova. Edinburgh, Scotland, May 8-11, 2013.
- 73<sup>th</sup> Annual Meeting of the Society for Investigative Dermatology, Plenary Session Platform presentation presented by Nicole Najor, Albuquerque, New Mexico, May 7-10, 2014.
- CSH Asia Conference on *"Dynamics of Cellular Behavior during Development and Disease."* Invited speaker in session on Cell Interactions. Suzhou, China, November 17-21, 2014.
- 74<sup>th</sup> Annual Meeting of the Society for Investigative Dermatology, Platform presentation by Joshua Broussard, Atlanta, GA, May 6-9, 2015.
- The 15<sup>th</sup> International Membrane Research Forum, Invited Keynote Lecture on *"Desmosomes: Membrane Signaling Scaffolds with Surprising Diversity"*, Kyoto University, Kyoto, Japan, March 2-4<sup>th</sup>, 2015
- The 12<sup>th</sup> International "Horizons in Molecular Biology Symposium", Max Planck Institute for Biophysical Chemistry, Gottingen, Germany, September 14-17<sup>th</sup>, 2015.
- Singapore International Conference on Skin Research 2016, Biopolis, Singapore, 18-21, 2016. Invited Speaker in session *"The Skin Continuum": Desmosomes: Signaling Scaffolds in Differentiation and Disease*.
- 75<sup>th</sup> Annual Meeting of the Society for Investigative Dermatology, Platform presentations presented by Sherry Lee and Nicole Najor. Scottsdale, AZ, May 11-14, 2016.

June 1, 2018

- 76<sup>th</sup> Annual Meeting of the Society for Investigative Dermatology, Platform presentation by Christopher Arnette. Portland, Oregon, April 26-29<sup>th</sup>, 2017.
- The Company of Biologists, Journal of Cell Science meeting on *Cellular Dynamics: membrane-cytoskeleton interface*. Invited Speaker. May 21-24, 2017. Southbridge, Mass.
- COST School & The Batsheva de Rothschild Seminar on The Nuclear Lamina and Nuclear Organization, Invited speaker in session 9 on *The Cytoskeleton*. June 25-29, Yearim-Judean Hills, Israel.
- International Closed Workshop on Arrhythmogenic Cardiomyopathy (Fondazione Internazionale Menarini, under Auspices of the European Reference Network). Session on Biology of the Desmosome. Athens, Greece, November 2-4, 2017.
- 77<sup>th</sup> International Investigative Dermatology, Platform presentation by Gillian Fitz. Orlando, Florida, May 16-19<sup>th</sup>, 2018.
- 

#### **Invited Participation at Gordon Conferences:**

- "Epithelial Differentiation and Keratinization", Tilton School, New Hampshire, August 1989 (Discussant).
- "Intermediate Filaments", Holderness School, New Hampshire, July 1990 (Speaker).
- "Epithelial Differentiation and Keratinization", Tilton School, New Hampshire, July 28-Aug. 2 1991 (Speaker).
- "Intermediate Filaments", Holderness School, New Hampshire, June 1992 (Speaker in Session on "Desmosomes and Hemidesmosomes" and Meeting Co-Organizer)
- "Epithelial Differentiation and Keratinization", Tilton School, New Hampshire, August 1993; Chair of session on "Cell-cell Adhesion Molecules and Structures".
- "Intermediate Filaments", Tilton School, New Hampshire, July 24-29, 1994, Chair of Session on "Intermediate-Cell Surface Interactions" and Meeting Organizer (Chair).
- "Epithelial Differentiation and Keratinization", Tilton School, New Hampshire, July 16-21, 1995; Speaker in "Issues Rising II on Epithelial Junctions".
- "Intermediate Filaments", Holderness School, New Hampshire, Speaker in session on IF/Membrane Interactions, July 14-19, 1996.
- "Epithelial Differentiation and Keratinization", Tilton School, New Hampshire, Invited Speaker in Session on "Cytoskeleton and Adherens Junctions", July 20-25, 1997.
- "Intermediate Filaments", Speaker in session on *IF-membrane Interactions*, Holderness School, New Hampshire, July 12-17, 1998.
- "Intermediate Filaments", Invited speaker in session on IF Networking Proteins, Queens College, Oxford, UK July 30-Aug. 4, 2000.
- "Cell Contact and Adhesion", Proctor Academy, New Hampshire, Invited Speaker in Session on "Intercellular Junction Structure", June 10-15, 2001
- "Epithelial Differentiation and Keratinization", Tilton School, New Hampshire, Co-Chair and Invited Speaker in Session on "Epithelial Architecture", July 8-13, 2001.
- "Intermediate Filaments", Invited speaker in session on IF Associated Proteins, Roger Williams University, June 30-July 5, 2002.

June 1, 2018

- “Cell Contact and Adhesion”, Proctor Academy, New Hampshire, invited speaker in Workshop on p120 catenin (presented by Xinyu Chen), June 8-13, 2003.
- “Intermediate Filaments”, Invited speaker in session on IF Linker Proteins, Queens College, Oxford, UK July 2004.
- “Epithelial Differentiation and Keratinization”, Invited speaker in session on Epithelial Differentiation and Disease, Il Ciocco, Italy, May 29-June 3, 2005.
- “Signaling by Adhesion Receptors”, Invited speaker in session on Cell-cell adhesion, Mount Holyoke College, June 25-30, 2006
- “Intermediate Filaments”, Invited speaker in session on Intermediate Filament Associated Proteins from Biology to Disease, Salve Regina July 30-Aug 2006.
- “Cell Contact and Adhesion”, Session Chair of Biology of the Cadherin-Catenin complex. Il Ciocco, Italy, May 27-June 1, 2007. Amanda Bass Zubek oral presentation in session on “Tight Junction and Other Structures II”.
- “Epithelial Differentiation and Keratinization”, Invited speaker in session on Cell Adhesion and Morphogenesis, July 29-Aug 3, 2007.
- “Intermediate Filaments”, Invited speaker in session on Integrating Factors in IF Systems, Oxford, U.K., Sept. 7-12, 2008.
- “Cell Contact and Adhesion”, Invited Speaker in Session on Tight, Desmosomes and Gap Junctions, June 28-July 3, 2009, Waterville Valley Resort.
- “Epithelial Differentiation and Keratinization”, Invited Speaker in Session on Mechanistic Insight into Complex Cellular Processes, Les Diablerets, Switzerland, June 21-26, 2009.
- “Intermediate Filaments”, Invited Speaker in Session on Intermediate Filament Assembly and Dynamics, Tilton School, June 20-25<sup>th</sup>, 2010.
- “Cell Contact and Adhesion”, Invited Speaker, Mt. Snow Vermont June 19-24, 2011.
- “Epithelial Differentiation and Keratinization”, Invited Speaker in Session on “Polarity, Adhesion and the Cytoskeleton”, Mt. Snow Vermont. July 3-8, 2011
- “Epithelial Differentiation and Keratinization”, Invited Speaker, Il Ciocco, Italy, May 12-17<sup>th</sup>, 2013.
- “Cell Contact and Adhesion”, Plenary Speaker, Il Ciocco, Italy, June 1-7, 2013.
- “Intermediate Filaments”, Invited Speaker June 15-20<sup>th</sup>, Mt. Snow Vermont, 2014.
- “Cell Contact and Adhesion”, Invited Speaker Proctor Academy, New Hampshire, June 28-July 3<sup>rd</sup>, 2015.
- “Epithelial Differentiation and Keratinization”, Invited Speaker, Sunday River Resort, Maine, July 12-17, 2015.
- “Intermediate Filaments”, Invited Speaker June 12-17<sup>th</sup>, Stoweflake Conference Center, Stowe, VT
- “Cell Contact and Adhesion”, Invited Speaker Proctor Academy, New Hampshire June 18-23, 2017.
- “Epithelial Differentiation and Keratinization”, Invited GRS (Gordon Research Seminar) Plenary Speaker and GRC Session Chair, Il Ciocco, Italy, May 7-12, 2017
- “*Signaling by Adhesion Receptors*”, Invited speaker and Discussion Leader, to be held at University of New England, Biddeford, ME., June 24-29, 2018.

**LECTURESHIPS:**

- *The Duhring Lecture*, University of Pennsylvania, Dept. of Dermatology, March 4, 1999
- Keynote Speaker, SUNY Upstate Medical University Annual Fall Retreat: *Making and Breaking Intercellular Adhesive Junctions*, September 25, 2002.
- William Montagna Lecture, “*Desmosome Form and Function: Molecules to Man*”, 63th Annual Meeting of the Society for Investigative Dermatology, Los Angeles, CA, May 18, 2002.
- The Odland Lecture, *Desmosome Form and Function: From Molecules to Man*, University of Washington, Seattle, May 20, 2005
- Tanioku Kihei Memorial Lecturer, Japanese Society for Investigative Dermatology, June 2006.
- British Society for Investigative Dermatology Plenary Lecture, “*Desmosomes pull it together: coordinating adhesion and signalling in epidermal differentiation*”. Edinburgh, Scotland, April 13, 2009.
- 15th Annual Distinguished Women in Medicine and Science Lecture, Northwestern University, March 30, 2011, “*The Importance of Sticking Together*”, March 30, 2011.
- Women in Science and Society Lectureship-University of Cologne, May 31<sup>st</sup>, 2011.
- The 2015 Kligman Frost Leadership Lecture, Atlanta, GA, May 6<sup>th</sup>, 2015. “*The Importance of Sticking Together*”.
- ESDR Celgene Guest Lecture (European Society for Dermatological Research) (Rotterdam, Netherlands, September 10, 2015). “*Desmosomes: Structural and Signaling Scaffolds of Surprising Diversity*”
- Werner Straus Memorial Lecture: “*More than Velcro: Cadherin Signaling goes Terrestrial*”, Rosalind Franklin University, March 8, 2017.
- *Peggy Wheelock Award Lecture for Excellence in Research, Mentoring and Promotion of Women in Science: University of Nebraska Medical Center. “How Cadherins Help Create Complex Epithelia*”. June 7, 2018.

**INVITED SEMINARS**

Department of Urology, Northwestern University Medical School, Nov., 1986  
 Department of Biology, University of Rochester, Jan., 1987  
 Department of Physiology, University of Connecticut (Health Center), Feb., 1987  
 Department of Biology, Emory University, Feb., 1987  
 Department of Biology, Dartmouth, March, 1987  
 Department of Anatomy, University of Pennsylvania, March, 1987  
 Department of Zoology, University of California, Davis, March, 1987  
 Department of Pathology, Northwestern University, April, 1987  
 Department of Anatomy, University of Wisconsin, April, 1987  
 Section of Physiology, Cornell, April, 1987  
 Department of Biology, Pomona College, October, 1988  
 Department of Biology, University of Illinois, Chicago, March 1989  
 Department of Dermatology, New York University College of Medicine, November, 1989  
 Dermatology Branch, NIH, January 1991.  
 Department of Physiology, Chicago Medical School, October 1991

*June 1, 2018*



Department of Biology, University of Toledo, November 1991  
Department of Biochemistry, University of Hawaii, February 1992  
Department of Cell Biology and Anatomy, Cornell U. College of Medicine, March 1992  
Department of Biophysics, Kyoto University, March 1992  
Department of Dermatology, Osaka University School of Medicine, March 1992  
Department of Dermatology, Keio University School of Medicine, Japan, March 1992  
Department of Pathology, University of Wisconsin, Madison, December, 1992  
Department of Anatomy and Cell Biology, Columbia University, January, 1993  
Department of Microbiology/Immunology, Albert Einstein College of Medicine, Feb. 1993  
Department of Neurological Sci., Physiology and Anatomy, Rush-Presbyterian-St. Lukes, Feb. 1993  
(Seminar and Lecture for Cell Biology).  
Department of Anatomy and Cell Biology, University of Cincinnati Medical Center, May 1993.  
Institute of Biochemistry, Molecular and Cell Biology, University of Vienna Biocenter, September 13, 1993.  
Department of Cell Biology and Neuroanatomy, University of Minnesota, October 1, 1993.  
Dermatology Branch, NIH, March, 1994  
Department of Biological Chemistry, Johns Hopkins School of Med., April, 1994.  
Imperial Cancer Research Fund, Keratinocyte Laboratory, London, U.K. March 13, 1995.  
Departments of Derm. and Molecular Biology, Keio University School of Medicine, Japan, August, 1995.  
Department of Molecular, Cellular, and Developmental Biology, University of Colorado, Boulder, March 12, 1996.  
Department of Pathology, Columbia University, April 29, 1996  
Department of Pharmacology, University of Illinois, Chicago, Jan. 10, 1997  
Department of Medicine, Indiana University School of Medicine, Jan. 17, 1997.  
CRC Cell Structure Research Group, Univ. of Dundee, Scotland, Sept. 19, 1997  
Dept. of Biochemistry, Molecular and Cell Biology, Northwestern U, Evanston, March 12, 1998  
German Cancer Research Center, Cell Differentiation and Carcinogenesis Program, Heidelberg, Germany, May 12, 1998.  
Yale University Medical School, Department of Pathology, November 17, 1998  
University of Illinois, Chicago, Division of Rheumatology, December 15, 1998  
Department of Medicine, Northwestern University Med. School, February 25, 1999  
Tumor Cell Biology Series, Northwestern University, April 8, 1999.  
Thomas Jefferson University, Dept. of Dermatology, May 12, 1999  
Emory University, Dept. of Dermatology, April 24, 2000  
Univ. of Southern California, Dept of Pathology, December 19, 2000  
Case Western University, Skin Diseases Research Center, Jan. 11, 2001  
Department of Medicine, Pulmonary Division, NUMs, April 23, 2001  
Department of Pharmacology, Midwestern Univ., January 17, 2002  
Department of Biology, Univ. of Pittsburgh, November 18, 2002.  
Department of Cell Biology & Anatomy, University of Miami School of Medicine, May 5, 2003.  
Max Planck Institute for Biochemistry, Department for Molecular Medicine, Martinsried, October 9, 2003.  
Center for Biochemistry, University of Cologne, Germany, October 13, 2003.  
Columbia University College of Physicians & Surgeons, Dept. Cell Biol & Anatomy, October 24, 2003  
Brown University, Department of Pathology, January 20, 2004.  
University of California, San Francisco, "Seminars in Biological Sciences" series, March 10, 2004.  
Notre Dame University, South Bend Indiana, Department of Biology, April 20, 2004.  
Research UK Skin Tumour Laboratory Centre for Cutaneous Research Barts, London, UK, August 16, 2004  
Cutaneous Biology Research Center (CBRC), Harvard University, September 27, 2004.  
University of California, Davis, Department of Dermatology, March 2, 2005.  
University of New Mexico, Cell and Molecular Biology Department, October 7, 2005  
University of Nebraska Cancer Center, January 19, 2006.  
University of Illinois, Chicago, Department of Biochem. Mol. Genetics, April 12, 2006.

*June 1, 2018*

Keio University, Tokyo, Japan, June 6, 2006.  
 Department of Cell Biology, Emory University, September 7, 2006.  
 Department of Genetics, Cell and Developmental Biol, Univ. of Minnesota, January 18, 2007.  
 Skin Disease Research Center, Case Western University, March 29, 2007  
 Molecular and Cellular Biology Program, University of Iowa, April 12, 2007.  
 Lake Forest College, sponsored by “Eukaryon”, September 19, 2007.  
 R.H. Lurie Cancer Center TIMA Minisymposium on Receptor Tyrosine Kinase Signaling and Cancer, October 22, 2007.  
 West Virginia University, Cancer Cell Biology Series, Jan. 10, 2008.  
 University of Chicago, Department of Surgery, February 27, 2008.  
 University of Michigan, Cardiac Arrhythmia Center, August 28, 2009.  
 Northwestern University Feinberg School of Medicine, Dept Pathology, December 8, 2008  
 Northwestern University Tumor Cell Biology Series, February 12, 2009.  
 Northwestern University Feinberg School of Medicine, Dept. Dermatology Bench-to-Bedside Series, May 13, 2009  
 Turku Graduate School of Biological Sciences, Turku, Finland, August 18, 2009.  
 University of Berne, School of Veterinary Medicine, November 10, 2009  
 Northwestern University, Allergy and Immunology Division, January 15, 2010.  
 University of California at Irvine, Department of Dermatology, Dowling Club Lecture and Colloquium, January 27, 2010  
 Cornell University, Weill College of Medicine, Cell and Developmental Biology, February 22, 2010.  
 University of Dundee, Dept of Cell and Developmental Biology, Dundee, Scotland, April 15, 2010.  
 University of Virginia, Dept of Cell Biology, Charlottesville, VA, February 15, 2011.  
 University of North Carolina, Dept of Cell and Developmental Biology, Chapel Hill, NC, April 27, 2011.  
 M.D. Anderson Cancer Center, John Blaffner Lecture Series, Houston, Texas, January 24, 2012.  
 Washington University in St. Louis, Department of Cell Biology and Physiology, February 24<sup>th</sup>, 2012.  
 Integrated DNA Technologies, Corallville, Iowa, August 30<sup>th</sup>, 2012.  
 Columbia University, Department of Pathology and Cell Biology, April 15, 2013.  
 New York University, Department of Cell Biology/Dermatology, April 16, 2013.  
 Souransky Medical Center, Tel Aviv University, Department of Dermatology, October 20, 2013.  
 University of Calgary, Libin Cardiovascular Institute, March 27, 2014  
 University of Denver, Skin Disease Research Center Seminar Series, March 31<sup>st</sup>, 2014  
 Yale University, Department of Genetics, April 8, 2014.  
 UT Medical School, Institute of Molecular Medicine Lecture, April 11, 2014  
 Institute of Molecular Health Sciences, ETH Zurich, September 15, 2014.  
 Department of Dermatology, Philipps-Universitat, Marburg, Germany, January 25, 2016  
 IFOM-Institute of Molecular Oncology, Milan, Italy, February 2016.  
 Max Planck Institute for Biochimie, Munich, Germany, September 25, 2017.  
 Oregon Health Sciences University/Knight Cancer Institute, April 22, 2018.  
 Centre for Stem Cells & Regenerative Medicine, King’s College London, London May 11, 2018

#### **VISITING PROFESSORSHIPS/COURSES/PANELS:**

- Department of Neurological Sci., Physiology and Anatomy, Rush-Presbyterian-St. Lukes, Feb. 1993, Cell Biology Course
- AAD (Amer. Acad. Dermatol.), Course on Epidermal Structure, Function and Dysfunction: “Cell Adhesion Molecules in the Epidermis”, New Orleans, Feb 4/5, 1995.
- AAD (Amer. Acad. Dermatology), Basic Science Course on Pathogenesis of Skin Disease. “Intercellular Junctions as Targets in Autoimmune Bullous Diseases”, Chicago, July 27, 1995.
- AAD (Amer. Acad. Dermatology), Course on Epidermal Structure, Function and Dysfunction: “Adhesion molecules and structures in skin”, San Francisco, March 21-23, 1997

*June 1, 2018*

- Department of Cell Biology and Anatomy, Chicago Medical School, May 9, 1997, Course on Cytoskeleton and Extracellular Matrix.
- AAD (Amer. Acad. Dermatology), Course on Structure and Function of Skin in Health and Disease: “Epidermal Cell-Cell and Cell-Matrix Adhesion molecules and structures in skin” , San Francisco, March 10-11, 2000.
- AAD (Amer. Acad. Dermatology), Course on Structure and Function of Skin in Health and Disease: “Epidermal Cell-Cell and Cell-Matrix Adhesion molecules and structures in skin” , Washington D.C., March 2-7, 2001.
- AAD (Amer. Acad. Dermatology), Course on Structure and Function of Skin in Health and Disease: “Epidermal Cell-Cell and Cell-Matrix Adhesion molecules and structures in skin” , New Orleans, LA, February 22-23, 2002.
- AAD (Amer. Acad. Dermatology), Course on Structure and Function of Skin in Health and Disease: “Epidermal Cell-Cell and Cell-Matrix Adhesion molecules and structures in skin” , San Francisco, March 21-22, 2003.
- AAD (Amer. Acad. Dermatology), Course on Structure and Function of Skin in Health and Disease: “Epidermal Cell-Cell and Cell-Matrix Adhesion molecules and structures in skin” , Washington DC, February 6-7, 2004.
- AAD (Amer. Acad. Dermatology), Course on Structure and Function of Skin in Health and Disease: “Epidermal Cell-Cell and Cell-Matrix Adhesion molecules and structures in skin” , New Orleans, LA February 18-19, 2005.
- WDS (Women’s Dermatologic Society): Panel on Career Mentorship, Montreal, CA, May 7, 2009.
- Turku Graduate School of Biological Sciences, TuBS Graduate School Retreat Guest Speaker, Turku, Finland, August 17, 2009.
- Society for Investigative Dermatology Career Development and Mentoring Luncheons (May 2010, 2011): Organizer/Moderator.
- Northwestern University Feinberg School of Medicine, Career Development Luncheon in conjunction with WFO (Women’s Faculty Organization) Distinguished Women in Medicine and Science: “What Frog Shall I Eat Today? And Other Questions Successful Academics Ask Themselves”, March 30, 2011.
- University of Cologne, Visiting Professor, CECAD (Excellence Cluster in Aging and Disease), Cologne, Germany (2015-16).

## **TEACHING and TRAINING EXPERIENCE:**

### **Teaching-Undergraduate Courses:**

Biologic Basis of Disease (Pathology Course at Evanston)-Lecturer.

### **Teaching-Graduate Courses:**

Molecular Mech. of Carcinogenesis (1988-present)-*Course Director (1990-present)*.

Developmental Biology-Lecturer.

Introduction to Tumor Cell Biology-Lecturer.

Lectures in the Life Sciences Journal Club-Co-Course Director (1991-1995).

BMCB, Graduate Course in Cell Biology (Lecturer-Spring 1994-1998; 2003)

Graduate Cell Biology (Integrated Graduate Program) (1997-2011).

MSTP Journal club (Fall 2002, 2003, 2004, 2008)

*June 1, 2018*

**Teaching-Medical Courses:**

Human Tissues and Cells: Histology (lecture and laboratory)

**Post-Graduate Medical Education:**

Dermatology Resident Basic Science Course (lecturer 1997-2007)

Pathology Resident Basic Science Course (lecturer 2003)

**Ph.D. Thesis Committees (completed):**

Carol Braverman, Pathology, 1987

Joo Yeun Kim, Tumor Cell Biology, 1989

Leia Maminta, Tumor Cell Biology, 1990

Debra Nathan, Tumor Cell Biology, 1990.

Karen Vikstrom, CMS Biology, 1990.

Paul Huang, Tumor Cell Biology, M.D.-Ph.D.

Rita Miller, CMS Biology, 1992

Prithi Rajan, Tumor Cell Biology, 1992

David Simpson, CMS Biology, 1993

Sharon Lin, CMS Biology, 1993

Yong-Suk Jang, Micro-Immunology, 1993

Maria Luisa Virata, Tumor Cell Biology, 1993

Thaddeus Stappenbeck, Pathology, M.D.-Ph.D., 1993 (M.D. 1995)

Diane Boucher, Pathology (1994)

Suyi Chang, Pathology (1994)

Louis Chesler, Tumor Cell Biology, M.D.-Ph.D. (1994)

Karen Hospodar, CMS Biology, M.D.-Ph.D. (1994)

Patrick Hamblin, IGP (M.S.)

Leda Trivinos, Tumor Cell Biology (1995)

Malini Gupta, CMS Biology, Ph.D.

Jian Tao Yang, Pathology

Lynn Bergstraesser, Tumor Cell Biology, M.D.-Ph. D (1996)

Guyu Ho, CMS Biology (1995)

Srividya Sundaresan, IGP

Rick Monzon, Cancer Biology, IGP (1997)

Analia Porras, Cancer Biology, IGP (1998)

Meg Taylor-Ruesch, IGP (1998)

Lisa McCawley, Cancer Biology, IGP (1998)

Helena Palka, Cancer Biology, IGP (1998)

Suzanne Norvell, Cancer Biology, IGP (1999)

Audra Charron, Cancer Biology, IGP (1999)

John Kroepfl, Cancer Biology, IGP (1999)

Tianyan Gao, Molecular Pharmacology, IGP (1999)

Amy Wagers, IGP (1999)

Sam Dadras, M.D.-Ph.D. (IGP)

Aaron Roseberry, IGP (2000)

Ken Geles, IGP (2000)

Bill Cook, IGP (2001)

Leslie Bannon, IGP (2000)

Brian Fife, IGP (2001)

Shawn Ellerbroek, IGP (2000)

*June 1, 2018*

Loren Pena, MSTP/IGP (2002)  
Gregory DeHart, IGP (2003)  
Xinyu Chen, IGP (2003)  
Cheryl Jogger, IGP (2004)  
Arthur Huen, M.D.-PH.D. (IGP)(2004)  
Yi Wu, IGP (2004)  
Hao Wang, IGP (2004)  
Michelle Longworth, IGP (2005)  
Lynne Chang, NUIN (2005)  
Choongho Lee, IGP (2005)  
Taofei Yin, IGP (2005)  
Rachel Dusek, IGP (2005)  
Mike Werner, IGP (2006)  
Jaime Symowicz, IGP (2007)  
Craig Steffel, IGP (exited program 2008)  
Amanda Bass, MSTP (2008)  
Shara Dellatore, Chemical Engineering, Evanston (2008)  
Kerri-Lynn Sheahan, Micro-Immuno, IGP  
Kelly Collier, IGP  
Meghan Thorne, IGP (2009)  
Aileen Plate, IGP (2010)  
Tyler Schwend, IGP (2010)  
Yao Wong, IGP (2010)  
Yvonne  
Wu, IGP (2010)  
Cory Simpson, IGP (2010)  
Ryan Hobbs, IGP (2010)  
Tyler Schwend, IGP (2012)  
Danijela Maric, IGP (2012)  
Jing Chen, IGP (2012)  
Robert Harmon, IGP (2013)  
Kari Barlan, IGP (2013)  
Lauren Reinke, IGP (2013)  
Jennifer Krcmery, IGP (2013)  
Dipal Patel, DGP (2014)  
Ka Tat Siu, DGP (2014)  
Amit Jairaman, IGP (2015)  
Sai Folmsbee, MSTP, DGP (2016)  
Lauren Albrecht, DGP (2016)  
Bita Cyrus, IGP (2016)  
David Escobar, MSTP, IGP (2016)  
Sali Liu, DGP (2017)  
Kate Pothoven, IGP (2016)  
Megan Novak, DGP (2017)  
Katie Harrington, DGP (2017)  
Suzanne Wetz, MSTP, IGP (2017)  
Sherry Lee, MSTP, DGP (2018)  
Rosa Ventrella, DGP (2018)  
Chen Kam, DGP (2018)

**Ph.D. Committees (In progress).**

Marihan Hegazy, DGP

*June 1, 2018*

Kelsey Wiles, DGP

### External Ph.D. Committees

Randall Marsh, Grad Prog. In Cell and Molecular Biol., University of Cincinnati (2000)  
 Nikia Laurie, Pathobiology Program, Brown University (2004)  
 Michael Broman, University of Illinois, Chicago (2003-2006)  
 Christian Strauss, University of Berne, Switzerland (2007-2011)

### LABORATORY TRAINING

#### Predocctoral Fellows

Maria Luisa Virata, Ph.D. (now Virata-Theimer) Tumor Cell Biology Program (1988-1993). *Structure of the desmoplakin cDNA* (Current position: Chemist, FDA)

Thaddeus Stappenbeck, M.D.-Ph.D. Medical Scientist Training Program/Integrated Graduate Program (1989-1993) (M.D. 1995). *The desmoplakin C-terminus associates with intermediate filaments.* (Current position: Professor (tenured), Pathology, Washington University in St. Louis.

Helena Palka-Hamblin, Ph.D. Integrated Graduate Program (Tumor Cell Biology) (1992-1997). *Function and regulation of the junction-associated protein plakoglobin.* (Current position: Professor, Biology, Loyala University, Chicago).

Suzanne Norvell, Ph.D. Integrated Graduate Program (Tumor Cell Biology) (1993-1999). *Comparative analysis of desmosomal and classic cadherins* (Current position: Founder and Consultant at TKIS, LLC, Chicago).

Jennifer Lamb, Msc, Ph.D. Integrated Graduate Program (Structural Biology) (1993-1995, Msc). *Regulation of desmoplakin by phosphorylation.*

Leslie Bannon, Ph.D. Integrated Graduate Program (Cancer Biology) (1997-2000). *Comparative analysis of desmoglein isoform binding to plakoglobin.* (Current position: Program and Alliance Director, ESA, Zurich).

Xinyu Chen, Ph.D. Integrated Graduate Program (Cancer Biology) (1999-2003) *p120 catenin regulates N-cadherin trafficking* (Current position: Associate Director of Quality and Compliance, Novartis Institutes for BioMedical Research, Boston).

Arthur Huen, M.D.-Ph.D. Medical Scientist Training Program/Integrated Graduate Program (Cancer Biology) (1998-2004). *Desmoplakin-Intermediate Filament Connection in Tissue Integrity.* (Current position: Instructor, Dermatology, University of Pittsburgh).

Rachel Dusek, Ph.D. Integrated Graduate Program (Cancer Biology) (2000-2005). *Desmoglein 1 and Plakoglobin Regulate Keratinocyte Apoptosis* (Current position: Senior Director of Target Validation, Oxford BioTherapeutics, San Jose, CA).

Taofei Yin, Ph.D. Integrated Graduate Program (Cancer Biology) (2000-2005). *Plakoglobin regulates Keratinocyte Motility and Desmoplakin Association with the Desmosome* (Current position: Clinical Scientific Curator, Jackson Laboratory for Genomic Medicine, Farmington CT).

Amanda Bass-Zubek, M.D.-Ph.D. Medical Scientist Training Program/Integrated Graduate Program (Cancer Biology) (2003-2008) *Plakophilin 2 Recruits Protein Kinase C to Desmoplakin to Control Interactions with Intermediate Filaments.* (Current position: Assistant Professor, Dermatology, Yale University).

Cory Simpson, M.D.-Ph.D. Medical Scientist Training Program/Integrated Graduate Program (Cancer Biology) (2005-2010). *Desmoglein 1 controls keratinocyte differentiation through attenuation of EGFR/MAPK signaling.* Previous NIH Ruth L. Kirschstein pre-doctoral fellow (Current position: Dermatology Residency, Research Phase, Postdoctoral Fellow in Erika Holzbaur's lab, Univ. of Pennsylvania.)

June 1, 2018

- Ryan Hobbs, Ph.D. Integrated Graduate Program (Cancer Biology) (2005-2010). *Desmoplakin dysfunction in inherited human skin diseases*. Previous AHA pre-doctoral fellow. (Current position: Assistant Professor, PennState, Dermatology).
- Jing Chen, Ph.D. Integrated Graduate Program (Cancer Biology) (2007-2012) *Role of the desmoglein unique region in desmoglein 2 trafficking*. (Current position: Product Development Scientist for Cancer Vaccines, Inovio Pharmaceuticals, PA).
- Robert Harmon, Ph.D. Driskill Graduate Program (Cancer Biology)(2006-2013). *Desmoglein 1 cytoplasmic domain promotes differentiation by forming a MAPK inhibitory apparatus*. Previous AHA pre-doctoral fellow. (Current position: Postdoctoral fellow in Margaret Gardel lab, Univ Chicago).
- Dipal Patel, M.D.-Ph.D. Medical Scientist Training Program/Driskill Graduate Program (2010-2014). Graduated 2016 from MSTP Program. *Desmoplakin binds to EB1 to promote cell surface expression of connexin: implications for cardiocutaneous disease*. Previous competitive NHLBI supplement to MSTP T32. (Current position: Internal Medicine, Resident, Yale School of Medicine).
- Lauren Albrecht, Ph.D. Driskill Graduate Program (Cancer Biology) (2011-2016). *Post-translational modifications of desmoplakin regulate intermediate filament interactions*. Previous Individual AHA Pre-Doctoral Fellowship. (Current position: Postdoctoral Fellow, Edward De Robertis Lab, UCLA.)
- Chen Yuan Kam. Driskill Graduate Program (Cancer Biology) (2012-present). Individual AHA Pre-Doctoral Fellowship Awarded 7/15. *Desmoplakin regulates connexin expression in heart through Ras and MAPK signaling*.
- Sherry Lee. M.D.-Ph.D. Medical Scientist Training Program/Driskill Graduate Program (2013-present). Current source of support NRSA/NCI Pre-Doctoral Fellowship. *Desmoglein's role in regulating the antioxidant peroxiredoxin*.
- Marihan Hegazy (2016-present). Driskill Graduate Program (Cancer Biology). *Role of MT-dependent transport in desmosome assembly*. Current source of institutional T32 Carcinogenesis Training Grant.

### Postdoctoral Fellows

- Brigitt Angst, Ph.D. (1988-1990) *Desmoplakin Expression Patterns are Tissue Specific*. Most recent academic position: Senior Fellow at NIMR with Dr. Tony Magee, Mill Hill, London. (Current position: Founder of Inspire2Thrive Wellness Consulting.)
- Rattan Nath, Ph.D. (1990-1994) *Desmoplakin intermediate filament interactions*. (Current position: IP Professional at Law Offices of Rattan Nath & Entrepreneur at Kasaraat BlockChain.)
- Andrew Kowalczyk, Ph.D. (1992-1997; Res Asst Prof 1997-98). *Desmoplakin directly associates with the armadillo protein plakoglobin and promotes desmoglein-mediated junction assembly*. Previous recipient of Dermatology Foundation Postdoctoral Fellowship and NIH/NIAMS K01 grant. (Current position: Professor (tenured) of Cell Biology and Dermatology, Emory School of Medicine.)
- Mitchell Denning, Ph.D. (1995-1997). *Desmoglein isoform expression is regulated by calcium, serum and PKC*. (Current position: Professor (tenured), Loyola University, Pathology and Cancer Center.)
- Helena Palka-Hamblin, Ph.D. (1997-1998). *Role of plakoglobin in regulating desmosome assembly: regulation by tyrosine phosphorylation*. (Current position: Professor, Biology, Loyola University, Chicago).
- Elayne Bornslaeger, Ph.D. (Bednar) (1992-2000). *Desmosome assembly and association with intermediate filaments through desmoplakin*. (Currently caring for family).

June 1, 2018

- Claire Gaudry, Ph.D. (1998-2001). *Regulation of plakoglobin association with desmosomes through EGFR-dependent tyrosine phosphorylation*. Previous recipient of Dermatology Foundation Postdoctoral Fellowship (Current position: Founder and Director Brain Brilliance Consulting-Coaching and Training).
- Yeja Zhang, M.D. (1998-99). *Post-translational modifications of plakoglobin*. (Current position: Assistant Professor, Physical Medicine and Rehabilitation, VA, Philadelphia, PA).
- Ken Ishii, M.D., Ph.D. (1999-2001). *Assembly and function of desmosomal cadherins*. Previous recipient of Dermatology Foundation Postdoctoral Fellowship (Current position: Associate Professor, Toho University Omori Medical Center, Tokyo, Japan.)
- Jochen Lorch, M.D., M.S. (2000-2002) *EGFR inhibition promotes desmosome assembly and strengthens intercellular adhesion in squamous carcinoma cells*. (Current position: Medical Oncologist, Dana-Farber Cancer Institute, MA.)
- Spiro Getsios, Ph.D. (Postdoc/Res. Asst. Prof. 2001-2007). *Mechanisms of desmosomal cadherin-mediated adhesion and role of desmoglein 1 in epidermal differentiation*. Previous recipient of CIHR Fellowship and Dermatology Foundation Career Development Award. Current positions: Assistant Professor NUFSM Dermatology (2007- 2016); Glaxo Smith Kline, Philadelphia (2016-current).
- Jodi Jackson Klessner, Ph.D. (2003- 2010). *Desmosome regulation and dynamics in squamous cell carcinoma*. (Current position: Postdoctoral Fellow, Northwestern University, Neurology.)
- Eva Parker, M.D, Dermatology Resident (2003-2006)(Current position: Franklin Dermatology Group, Franklin Tennessee)
- Sherry Hsieh, Ph.D. (November 2003-July 2005). *Desmoplakin assembly dynamics*. Last known position- Postdoc at Harvard, Sheila Thomas Lab
- Bhushan Desai, Ph.D. (2006-2012). *Functional analysis of desmoglein 2 processing by ADAM family members*. (Current position: Director, Quality Control, Coherus Biosciences, IL.)
- Viktor Todorovic (2006-2014). *Role of desmosomal armadillo proteins in junction assembly and cell motility*. Previous recipient of ACS Postdoctoral Fellowship. (Current position: Senior Scientist II at AbbVie, Illinois.)
- Jodi Johnson (2010-2012; Res. Asst Prof. 2012-present). *Desmosomes mediate UV responses in epidermis*. Previous recipient of Dermatology Foundation Career Development Award; PFP Skin Disease Research Center.
- Lisa Godsel, Ph.D. (2000-04; Res. Asst Prof 2004-present). *Desmoplakin and plakophilin functions and dynamics*. Previous source of support: Dermatology Foundation CDA.
- Oksana Nekrasova (2009-2017). *Desmosomal cadherin trafficking via molecular motors*. Previous recipient of Dermatology Foundation Research Grant; AHA postdoctoral fellow. (Current position: Senior Cell Biology Research Scientist, Applied Medical.)
- Adi Dubash (2009-2015). *Regulation of Rho GTPase signaling by desmosomal armadillo proteins*. Previous recipient of AHA postdoctoral fellowship. (Current position: Tenure Track Assistant Professor of Biology, Furman College, Greenville, S.C. 8/1/15.)
- Nicole Najor (2011-2016). *Novel functions of the desmosomal cadherin, desmoglein1 in differentiation and cancer*. Previous Individual NRSA NIH/NIAMS post-doctoral fellow. (Current position: Tenure Track Assistant Professor, Department of Biology, University of Detroit Mercy.)
- Alejandra Valenzuela-Iglesias (2015-2017). *Inhibition of Invadopodia Formation by the Desmosomal Cadherin Desmoglein 1*. Previous recipient of CONACYT Fellowship and RHLCCC Synergy Grant.
- Joshua Broussard (2013-2017; Res. Asst. Prof. 2017-present). *Desmosomes in Mechanotransduction*. Previous support: Cutaneous Biology Training Program T32.



Christopher Arnette (2014-present). *Role of Keratinocyte Desmogleins in Paracrine Signaling in Melanoma*. Previous recipient of NIH/NCI Individual Postdoctoral NRSA; Current: Translational Bridge Fellow of Lurie Cancer Center.

Hoda Zarkoob (2017-present). *Role of desmoplakin in mechanical properties of cardiac myocytes*. Current source of support: PI funds.

Eran Cohen Barak (2017-present). *Underlying basis of inherited human epidermal disorders*. Current Fulbright Scholar (Dermatologist, Haifa, Technion, 9/17-8/19).

Hope Burks (2017-present). *Desmoglein 1-dependent control of the melanocyte:keratinocyte niche: genome-wide analysis*. Current support: Oncogenesis and Development T32.

**Summary:** Dr. Green has trained (or is currently training) >25 postdoctoral fellows and junior faculty members, seven of whom are in academic faculty positions and most the others whom are in research or academic medical positions. Of 21 graduate students Dr. Green has trained, two are in academic faculty positions, two in industry (Abbott and Novartis), and most others are in academic research positions (e.g. postdoctoral fellowships and residencies at Yale, Penn, Pittsburgh, Stanford) or are still in training. Mentees in the Green lab have been awarded 17 fellowships/career development awards to support their research. Previous trainees currently hold faculty positions at Washington University in St. Louis (Thaddeus Stappenbeck, M.D. Ph.D., Professor, Pathology); Harvard (Jochen Lorch, M.D., Assistant Professor, Medicine); Emory University (Andrew Kowalczyk, Ph.D., Professor, Cell Biology/Dermatology); Loyola (Mitchell Denning, Ph.D., Professor, Pathology/Cancer Center); Toho University, Japan (Ken Ishii, M.D., Ph.D., Associate Professor, Dermatology); Furman University (Adi Dubash, Ph.D., Assistant Professor, Biology); University of Detroit Mercy (Nicole Najor, Ph.D., Assistant Professor, Biology).

#### **International Student/Postdoc/Junior Faculty Exchanges:**

Dan Vodo, M.D.-Ph.D. student (lab of Eli Sprecher, Tel Aviv; summer 2014).

Fanny Loschke, Postdoc (lab of Thomas Magin, Leipzig; May-August 2016).

Franziska Peters, Assistant Professor (University of Cologne, December 2016).

#### **Masters Students Trained:**

Jennifer Lamb-IGP (Structural Biology) (1993-1995, rec. Masters)

Victoria Cooper-Boston University, w/ Honors (2008-09)

#### **High School and Undergraduate Students Trained:**

Hue Luu (Evanston Undergrad Senior Thesis Student) (1988-1994) Currently tenure track Asst Prof., U of Chicago.

Avninder Dahliwal (Evanston, HPME Student) Summer 1996 and C99 1996-97.

Howard Liu (Evanston, HPME Student) Summer 1999

Angela Morris (Xavier College; CURE-Summer Minority Program, RH Lurie Cancer Center) Summer 1999, 2000

Brian Smith (Harvard University; CURE-Summer Minority Program, RH Lurie Cancer Center) Summer 2002.

Jessie Hung (Northwestern University), 2004

Nicholas Garcia (Northwestern; CURE-Summer Minority Program, RH Lurie Cancer Center; Minority Supplement on AR43380) 2006-2008.

June 1, 2018

Matthew Meiselman (Lawrence University, Kansas) Summer 2010

Ada Agidi (Spelman College, Atlanta; CURE-Summer Minority Program, RH Lurie Cancer Center) Summer 2012.

Steve Tan (Illinois Math and Science Academy student) Summer 2012.

Amulya Yalamanchili (Northwestern University). 2014-15.

### **Medical Students Trained:**

Diana Han (Summer Medical Student-1990)

Wilbur Huang (Third Year Medical Student-research rotation-1992)

Shirish Huprikar (Summer Medical Student-1993)

Samir Bangalore (Summer Medical Student-1998)

Linda Sheu (Chicago Medical School, Predoctoral Fellow-2004-2005); Derm resident, Loyola.

**Rotation Students** (1987-1992): Barbara Fayos (IDP-Fall 1987), Marilyn Reagan (Tumor Cell-Fall 1987), Diane Boucher (Pathology-Fall 1988), Paul Huang (M.D.-Ph.D.-Winter 1989), Suyi Chang (Pathology-Winter 1990), Xiaolan Zhao (Pathology-Spring 1990), Sameer Mathur (M.D.-Ph.D-Summer 1990), Ann Buchmann (IGP-Summer 1991), Lauren Stevenson (IGP-Fall 1991), Patrick Hamblin (IGP-Winter 1992), Rick Monzon (IGP-Spring 1992), Amy Trejo (IGP-Spring 1992), Scott Baker (IGP-Spring 1993); Meg Taylor (IGP-Winter 1994), Carla Serkin (IGP-Winter/Spring-1994). Li Tai (M.D.-Ph.D.-Summer 1994). Thuyvy Do (IGP Winter 1995), Jennifer MacGregor (IGP-Spring 1995), Scott Terhune (IGP-Summer 1995), Shawn Ellerbroek (IGP-Fall 1996), Leslie Bannon (IGP-Winter, 1997), Daniel Leary (IGP-Fall, 1997); Hena Alam (IGP-Winter, 1998); Yi Wu (IGP-Fall, 1998); Xinyu Chen (IGP-Spring, 1999); Melin Khandekar (MSTP-summer, 1999); Taofei Yin (IGP-winter, 2000); Rachel Dusek (IGP-Spring 2000); Stephan Lindsey (IGP-Fall, 2001), Brooke Emerling (IGP-Fall 2002), Eric Bell (IGP-Winter 2003); Zehra Dincer (IGP-Fall 2003), Yvonne Yu (IGP-Winter 2004); Amanda Redig (MSTP-Summer 2004); Cory Simpson (MSTP-Summer 2004); Meghan Thorne (IGP-Summer/Fall 2004); Ryan Hobbs (IGP-Winter 2005); Suzan Hammond (IGP-Spring 2005); Vanderlene Kung (MSTP-Summer 2005); Robert Harmon (IGP Spring 2006); William Wheaton (IGP Summer 2007); Jing Chen (IBiS Fall 2007); Christopher Lowe (IGP Fall 2007); Dipal Patel (MSTP Summer 2009); Jennifer Heller (IGP Fall 2009); Andrea Glausauer (IGP Winter 2010); Rupesh Patel (Med Summer 2010); Andrea Calvert (IGP-Fall 2010); Soowan Shin (Winter, 2011); Lauren Albrecht (Spring, 2011), Chen Yuan Kam (Spring, 2012); Meghan Novak (Summer, 2012); Sherry Lee (MSTP Summer 2013); Arielle Vasquez (IBiS Winter 2014); Letonia Copeland-Hardin (DGP Winter 2016); Marihan Hegazy (DGP Spring 2016); Sakshi Khurana (DGP Fall 2017).

### **Visiting Scholars/Faculty on Sabbatical**

Dr. Professor Mechthild Hatzfeld, Halle, Germany (Summer 2014).

Eran Barak Cohen, Visiting Fulbright Scholar (Dermatologist, Haifa, Technion, 9/17-8/19).

### **GRANT SUPPORT**

#### ***Pre- and Postdoctoral***

- NIH Training Grant, #1 T32 GM07067-05(1978-80)
- NIH Biotechnology Research Grant to HVEM Facility at Boulder, Colorado (1979)
- NIH (NRSA) Postdoctoral Fellowship, #F32 GM 09484 (1983-1985)

#### ***Past funding***

*June 1, 2018*

- Biomedical Research Support Grant, Northwestern University, “The Structure and Expression of the Desmoplakin Gene”, (1987-88); Total Award: \$24,000.
- Illinois American Cancer Society Grant #88-4 (1987-88); Award: \$35,000.
- National Institutes of Health, “Human Desmoplakins: Gene Structure and Expression in Embryos”, 1RO1 HD24430-01 (Aug. 1988-July 1992); Total Award: \$389, 508.
- March of Dimes Basil O'Connor Starter Scholar Research Award, “Developmental Regulation of Human Desmoplakin I and II”, #5-677 (Sept. 88-June 91); Total Award: \$70,000
- The Council for Tobacco Research-U.S.A., Inc., “Epithelial differentiation and neoplasia: desmosome biosynthesis and assembly”, #2432 (Jan. 1989-Dec. 1991); Total Award: \$275, 799.
- Illinois American Cancer Society Grant, “ Desmoglein I: Structure and Expression of a Transmembrane Desmosomal Glycoprotein”, #90-27 (1990-91); Total Award: 17,500. (Terminated prematurely to accept another grant).
- American Cancer Society Research Grant, “Desmoglein I: Structure and Expression of a Transmembrane Desmosomal Glycoprotein”, #BE-56 (1990-1992); Total Award: \$202, 402.
- American Cancer Society, Junior Faculty Research Award, “Structure and function of the human desmoplakins” #JFRA-295 (1990-1993); Total Award: \$90,500.
- March of Dimes Basic Research Grant, “Function and Regulation of Human Desmoplakin I and II”, #1-FY91-0140 (1991-1993); Total Award: \$60,000.
- Lester Wood Fund (NUMS Cancer Center) (1991); Total Award: \$5,000.
- The Council for Tobacco Research-U.S.A., inc., “Epithelial differentiation and neoplasia: desmosome biosynthesis and assembly,” #2432A (Jan. 1992-Dec. 1994); Total Award: \$275,799.
- American Cancer Society Research Grant, “Human Desmoplakin Function”, #CD-517 (Jan. 1992-Dec. 1994); Total Award: \$300,000.
- American Cancer Society Research Grant, “Function of the desmosomal cadherin desmoglein I”, #BE-56A (July 1992- June 1994); Total Award: \$211,000.
- Johnson & Johnson Focused Giving Program, “Intercellular Adhesion in the Epidermis”, (July 1992-June 1995); Total: \$276,000.
- March of Dimes Basic Research Grant, “The desmoplakin-intermediate filament complex in intercellular junctions”, #1-FY93-0488 (1993-1995); Total Award: \$72,400
- American Cancer Society Research Grant, “Desmoplakin function and targeting to the desmosomal plaque”, #CB-110B (Jan. 1995-Dec. 1996); Total Award: \$200,000. (Returned March 1, 1996 to accept NIH AR53380).
- National Institutes of Health, “Molecular genetics of pemphigus foliaceus antigen”, 1RO1 AR41836 (July 1993-June 1997); Direct costs: \$463,538 Indirect: 222,731.
- The Council for Tobacco Research-U.S.A., inc., “Epithelial differentiation and neoplasia: regulation of plakoglobin ,” #2432B, (Jan. 1996-Dec. 1996); Total Award: \$60,000.
- March of Dimes Basic Research Grant, “The desmoplakin-intermediate filament complex in intercellular junctions,” 1-FY95-0612, (7/1/95 to 6/30/97), Total Award: \$ 79,200
- American Cancer Society Faculty Research Award, “Desmosomes: role in adhesion and cytoskeletal organization”, #FRA-423 (July 1993-June 1998); Total: \$205,000.
- March of Dimes Basic Research Grant, “The desmoplakin-intermediate filament complex in intercellular junctions,” 1-FY97-0202, (7/1/97 to 6/30/99) Total Award: \$102,654.

- National Institutes of Health, “Growth Factor Modulation of Reepithelialization”, RO1 AR42989, (7/1/96-6/30/99) Co-investigator (Laurie Hudson, P.I).
- National Institutes of Health, “Junctions, Cytoskeleton & Matrix of the Oral Epithelium”, (PO1 DE12328, Aug. 1997-July 2002-Jonathan Jones, P.I.) Project 4 entitled (K. Green-Investigator): “Cell-Cell Junction Structure & Dynamics in Oral Epithelia”. \$593,038 direct costs. Indirect:
- National Institutes of Health, “Desmoplakin Function in Epidermis”, RO1 AR53380, (2/20/96-2/28/01); Total direct costs: \$790,871 direct. \$370,829 indirect.
- National Institutes of Health, “Function of desmoglein 1/pemphigus foliaceus antigen”, 2 RO1 AR41836 (August 1997-July 2002); Direct costs: \$845,772 . Indirect:
- National Institutes of Health, “Desmoplakin Function in Epidermis”, RO1 AR53380, (3/1/01-2/28/06); Total direct costs: \$1,177,516. Indirect 522,240.
- National Institutes of Health, Post-graduate Training Program in Cutaneous Biology, T32 AR07593-07 (07/01/00-6/30/05), annual direct costs \$123,528.
- National Institutes of Health, “Function of desmoglein 1/pemphigus foliaceus antigen”, RO1 AR41836-14 (09/02-07/07); Total direct costs: \$ 1,1225,733. Indirect: 485,594
- National Institutes of Health, “Junctions, Cytoskeleton & Matrix of the Oral Epithelium”, (PO1 DE12328-10), Jonathan Jones, P.I.) Project 4 entitled (K. Green-Investigator): Regulation of Cell-cell Junction Structure and Dynamics in Oral Tumor Cell Migration. Total direct costs: \$ 955,582. Indirect: 455,647.
- National Institutes of Health, “Desmoplakin Assembly and Function in Epidermis”, Minority Supplement for Nicholas Garcia, RO1 AR43380-12, (4/1/07-3/31/09). Total: \$20,427.
- National Institutes of Health, “Desmoplakin Assembly and Function in Epidermis”, RO1 AR43380-15, (4/1/06-3/31/11); Total direct costs: \$1,447,066. Indirect 725,098.
- National Institutes of Health, “Function of Desmoglein 1/Pemphigus foliaceus Antigen” Competing Revision Supplement (ARRA Stimulus), NIH R01 R01AR041836-17S1. (9/24/09-9/23/11).
- National Institutes of Health, “Function of desmoglein 1/pemphigus foliaceus antigen”, RO1 AR41836-19 (09/1/07-08/31/12); Total direct costs: \$1,132,418 \$. Indirect: \$409,347
- Leducq Foundation “Structural Alterations in the Myocardium and the Substrate for Cardiac Fibrillation”, (PIs Jalife, Hatem)(Dr. Green is a Member of the International Consortium) (0/1/09-8/31/15)
- National Institutes of Health, “Function of desmoglein 1/pemphigus foliaceus antigen”, RO1 AR41836-19 (P.I. Green; Project period: 08/1/93-08/31/17; Budget period: 09/1/12-08/31/17); Total direct costs: \$1,533,925 \$. Indirect: \$819,520. (Competing renewal received 2<sup>nd</sup> percentile).

### **Current Funding:**

- National Institutes of Health, “Desmoplakin Assembly and Function in Epidermis”, R37 (MERIT) AR43380-21, (P.I. Green; Project period: 02/20/96-5/31/21; Budget Period: (04/1/11 - 05/31/21). Total direct costs: \$1,866,074. Total indirect \$820,751.
- National Institutes of Health, “Function of desmoglein 1/pemphigus foliaceus antigen”, RO1 AR41836-25 (P.I. Green; Project period: 08/1/93-08/31/22; Budget period: 09/1/17-08/31/22); Total direct costs: \$1,510,585. Indirect: \$833,000.

- National Institutes of Health, “Regulation of Desmosomal Cadherins in Oral Cancer”, R01CA122151-07 (P.I. Green; Project period: 7/1/06-7/31/18) Total direct costs: \$887,500. Indirect: 452,182.
- National Institutes of Health, “Inter-junctional signaling in epithelial junctional complex”, R01AR044016 (PI: S. Troyanovsky; Co-I Green; Project period: 9/1/15-8/31/21; Budget period 9/1/16-7/31/21); Total annual direct costs: 319,893 Indirect: 174,342.
- National Institutes of Health, Cancer Center Support Grant, 1P30 CA60553 (PI:Platanias) (7/31/2013-6/30/18) Associate Director for Basic Sciences, R.H. Lurie Comprehensive Cancer Center.
- National Institutes of Health, Northwestern Univ. Skin Disease Research Core Center (PI: Paller) NIH/NIAMS P30 ( 8/1/09-6/30/19). (Dr. Green is the Keratinocyte Culture Core Co-Director)
- British Heart Foundation Programme Grant (PI David Kelsell; Dr. Green is co-investigator), “Unraveling the molecular and mechanistic complexity of ARVC via the skin” (1/14-12/19)

*Training grants (P.I.):*

- National Institutes of Health, Carcinogenesis Training Grant, T32 CA09560-26 (Project Period 7/15/96-6/30/22); annual direct costs \$366,580.

**Grants Mentorship**

Postdoctoral Fellowships-Individual: Andrew Kowalczyk, Claire Gaudry, Ken Ishii (Dermatology Foundation)

National Institutes of Health (K01AR02039) to Andrew P. Kowalczyk, “Analysis of Dermal Endothelial Intercellular Junctions”. 8/15/97-98.

Chicago Derm Society Research Grant to Eva Parker. 5/04-4/05

American Heart Association predoctoral fellowship to Amanda Bass (7/1/06-6/30/08)

NIH, NIEHS predoctoral fellowship to Cory Simpson (9/1/06-8/31/10)

NU Presidential Fellowship to Cory Simpson (Honorary) (9/1/07-09)

NIH, NIAMS postdoctoral fellowship to Viktor Todorovic (9/1/07-8/31/09)

Dermatology Foundation Career Development Award to Spiro Getsios (July, 2007)

American Heart Association predoctoral fellowship to Ryan Hobbs (1/08-12/10)

American Heart Association predoctoral fellowship to Robert Harmon (7/09-6/11)

American Heart Association postdoctoral fellowship to Oksana Nekrasova (7/09-6/11; 1/12-12/12)

K99/R00 AR059222 to Heidi Kong (NIH/Julie Segre primary mentor)

Dermatology Foundation Career Development award to Lisa Godsel (7/10-6/13)

American Heart Association predoctoral fellowship to Adi Dubash (7/11-6/13)

Dermatology Foundation Career Development award to Jodi Johnson (7/12-6/15)

CBC Postdoctoral Fellowship Award to Adi Dubash (7/1/14)

American Heart Association predoctoral fellowship to Lauren Albrecht (7/14-6/16)

NIH NCI NRSA to Sherry Lee (9/15-)

NIH NIAMS Post-doctoral NRSA to Nicole Najor (3/15-2/16)

American Heart Association predoctoral fellowship to Chen Kam (7/15-6/17)

CONACYT Postdoctoral Fellowship (Mexico) to Alejandra Valenzuela Iglesias (10/15-10/17)

American Heart Association Postdoctoral Fellowship to Hoda Zarkoop (6/18-5-5/20)

**PUBLICATIONS:**

*June 1, 2018*

**Original, Peer-Reviewed Research Articles**

1. **Green, K.J.** and R. Wright (1977). Field response of photosynthesis to CO<sub>2</sub> in ponderosa pine. *Ecology*. 58: 687-692.
2. **Green, K.J.** and D.L. Kirk (1981). Cleavage patterns, cell lineages and development of a cytoplasmic bridge system in Volvox embryos. *J. Cell Biol.* 91: 743-755.
3. **Green, K.J.**, G.I. Viamontes, and D.L. Kirk (1981). Mechanism of formation, ultrastructure and function of the cytoplasmic bridge system in Volvox embryos. *J. Cell Biol.* 91: 756-769.
4. **Green, K.J.** and D.L. Kirk (1982). A revision of the cell lineages recently reported for Volvox carteri embryos. *J. Cell Biol.* 94: 741-742.
5. **Green, K.J.** and R.D. Goldman (1983). The effects of taxol on cytoskeletal components in cultured fibroblasts and epithelial cells. *Cell Motility* 3: 283-305.
6. **Green, K.J.** and R.D. Goldman (1986). Evidence for an interaction between the cell surface and intermediate filaments in cultured fibroblasts. *Cell Motility and the Cytoskeleton*. 6: 389-405.
7. **Green, K.J.**, J.C. Talian and R.D. Goldman (1986). Relationship between intermediate filaments and microfilaments in cultured fibroblasts: evidence for common foci during cell spreading. *Cell Motility and the Cytoskeleton*. 6: 406-418.
8. **Green, K.J.**, B. Geiger, J.C.R. Jones, J.C. Talian, and R.D. Goldman (1987). The relationship between intermediate filaments and microfilaments prior to and during the formation of desmosomes and adherens-type junctions in mouse keratinocytes. *J. Cell Biol.* 104:1389-1402.
9. **Green, K.J.**, R.D. Goldman, and R.L. Chisholm (1988). Isolation of cDNAs encoding desmosomal plaque proteins: evidence that bovine desmoplakins I and II are derived from two mRNAs and a single gene. *Proc. Natl. Acad. Sci.* 85: 2613-2617.
10. **Green, K.J.**, D.A.D. Parry, P.M. Steinert, M.L. Virata, R.M. Wagner, B.D. Angst, and L.A. Nilles (1990). Structure of the human desmoplakins: implications for function in the desmosomal plaque. *J. Biol. Chem.* 265: 2603-2612.
11. Angst, B.D., L.A. Nilles and **K.J. Green** (1990). Desmoplakin II expression is not restricted to stratified epithelia. *J. Cell Sci.* 97: 247-257.
12. Ridelle, K.S., **K.J. Green**, and J.C.R. Jones. (1991). Formation of hemidesmosomes in vitro by a transformed rat bladder cell line. *J. Cell Biol.* 112: 159-168.
13. **Green, K.J.**, T.S. Stappenbeck, S. Noguchi, R. Oyasu, and L.A. Nilles (1991). Desmoplakin expression and distribution in cultured rat bladder epithelial cells of varying tumorigenic potential. *Exp. Cell Res.* 193: 134-143.
14. Nilles, L.A., D.A.D. Parry, E.E. Powers, B.D. Angst, R.M. Wagner, and **K.J. Green** (1991). Structural analysis and expression of human desmoglein: a cadherin-like component of the desmosome. *J. Cell Sci.* 99: 809-823.
15. Virata, M.L.A., R.M. Wagner, D.A.D. Parry, and **K.J. Green** (1992). Molecular structure of the human desmoplakin I and II amino terminus. *Proc. Natl. Acad. Sci.* 89: 544-548.
16. Stappenbeck, T.S. and **K.J. Green** (1992). The desmoplakin carboxyl terminus co-aligns with and specifically disrupts intermediate filament networks when expressed in cultured cells. *J. Cell Biol.* 116: 1197-1209.
17. **Green, K.J.**, M.L.A. Virata, G. Elgart, J. R. Stanley, and D.A.D. Parry (1992). Comparative structural analysis of desmoplakin, bullous pemphigoid antigen and plectin: members of a new

- gene family involved in organization of intermediate filaments. *Int. J. Biol. Macromol.* 14: 145-153.
18. Peifer, M., P. McCrea, **K.J. Green**, E. Wieschaus, and B. Gumbiner (1992). The vertebrate adhesive junction proteins  $\beta$ -catenin and plakoglobin and the *Drosophila* segment polarity gene armadillo form a multigene family with similar properties. *J. Cell Biol.* 118: 681-691.
  19. Stappenbeck, T.S., E.A. Bornslaeger, C. M. Corcoran, H.H. Luu, M. Luisa A. Virata, and **K.J. Green**. (1993) Functional analysis of desmoplakin domains: specification of the interaction with keratin versus vimentin intermediate filament networks. *J. Cell Biol.* 123: 691-705.
  20. Wang, Y., M. Amagai, S. Minoshima, K. Sakai, **K.J. Green**, T. Nishikawa, and N. Shimizu (1994) The human genes for desmogleins (DSG1 and DSG3) are located as a cluster on chromosome 18q12. *Genomics.* 20: 492-495.
  21. Kowalczyk, A., H. L. Palka, H. H. Luu, L. A. Nilles, M.J. Wheelock, J.E. Anderson, and **K.J. Green** (1994) Post-translational regulation of plakoglobin expression: influence of the desmosomal cadherins on plakoglobin metabolic stability. *J. Biol. Chem.* 269: 31214-31223.
  22. Stappenbeck, T.S., J.A. Lamb, C.M. Corcoran, and **K.J. Green** (1994). Phosphorylation of the desmoplakin COOH terminus negatively regulates its interaction with keratin intermediate filament networks. *J. Biol. Chem.* 269: 29351-29354.
  23. Amagai, M., Y. Wang, S. Minoshima, K. Kawamura, **K.J. Green**, T. Nishikawa, and N. Shimizu (1995). Assignment of the human genes for desmocollin 3 and desmocollin 4 to chromosome 18q12. *Genomics* 25: 330-332.
  24. Amagai, M., T. Hashimoto, **K.J. Green**, N. Shimizu, and T. Nishikawa (1995) Antigen-specific immunoadsorption of pathogenic autoantibodies in pemphigus foliaceus. *J. Invest. Derm.* 104: 895-901.
  25. Kowalczyk, A.P., J.E. Anderson, J.E. Borgwardt, T.Hashimoto, J.R. Stanley, and **K.J. Green** (1995). Pemphigus sera recognize conformationally sensitive epitopes in the amino-terminal region of Dsg1. *J. Invest. Derm.* 105: 147-152.
  26. Bornslaeger, E.A., C.M. Corcoran, T.S. Stappenbeck, and **K.J. Green** (1996). Breaking the connection: Displacement of the desmosomal plaque protein desmoplakin from cell-cell interfaces disrupts anchorage of intermediate filament bundles and alters intercellular junction assembly. *J. Cell Biol.* 134: 985-1002.
  27. Kowalczyk, A.P., J.E. Borgwardt and **K.J. Green** (1996). Analysis of desmosomal cadherin adhesive function and stoichiometry of desmosomal cadherin:plakoglobin complexes. *J. Invest. Derm.* 107: 293-300.
  28. Meng, J.-J., E.A. Bornslaeger, **K.J. Green**, P.M. Steinert and W. Ip (1997). Two hybrid analysis reveals fundamental differences in direct interactions between desmoplakin and cell type specific intermediate filaments. *J. Biol. Chem.* 272: 21495-21503.
  29. Kowalczyk, A.K., E.A Bornslaeger, J.E. Borgwardt, H.L. Palka, A.S. Dhaliwal, C.M. Corcoran, M.F. Denning, and **K.J. Green** (1997). The amino-terminal domain of desmoplakin binds to plakoglobin and clusters desmosomal cadherin-plakoglobin complexes. *J. Cell Biol.* 139: 773-784.
  30. Palka, H.L. and **K.J. Green**. (1997) Roles of plakoglobin end domains in intercellular junction assembly. *J. Cell Sci.* 110: 2359-2371
  31. Norvell, S.M. and **K.J. Green**. (1998) Contributions of extracellular and intracellular domains of full length and chimeric cadherin molecules to junction assembly in epithelial cells. *J. Cell Sci.* 111: 1305-1318.

32. Denning, M.F., S.G. Guy, S.M. Ellerbroek, S.M. Norvell, A.P. Kowalczyk, and **K.J. Green**. (1998) The expression of desmoglein isoforms in cultured human keratinocytes is regulated by calcium, serum and protein kinase C. *Exp. Cell Res.* 239: 50-59.
33. Kowalczyk, A.P., P. Navarro, E. Dejana, E.A. Bornslaeger, **K.J. Green**, D.S. Kopp, J.E. Borgwardt (1998) VE-cadherin and desmoplakin are assembled into dermal microvascular endothelial intercellular junctions: a pivotal role for plakoglobin in the recruitment of desmoplakin to intercellular junctions. *J. Cell Sci.* 111: 3045-3057.
34. Kiyokawa, C., C. Ruhrberg, T. Karashima, O. Mori, T. Nishikawa, **K.J. Green**, G.J. Anhalt, F.M. Watt, and T. Hashimoto. (1998). Envoplakin and periplakin are components of the paraneoplastic pemphigus antigen complex. (*Letter*). *J. Invest. Derm.* 1236-1238.
35. Armstrong DKB, McKenna KE, Purkis PE, **Green KJ**, Eady RAJ, Leigh IM, Hughes. (1999). Haploinsufficiency of desmoplakin causes a striate subtype of palmoplantar keratoderma. *Human Molecular Genetics* 8:143-148.
36. Kowalczyk, A.P., M. Hatzfeld, E.A. Bornslaeger, D. S. Kopp, J.E. Borgwardt, C.M. Corcoran, A. Settler and **K.J. Green**. (1999). The head domain of plakophilin-1 binds to desmoplakin and enhances its recruitment to desmosomes: implications for cutaneous disease. *J. Biol. Chem* 274: 18145-18418.
37. **Green, K.J.**, S.Guy, P.B. Cserhalmi-Friedman, I. McClean, A.M. Christiano, R.M. Wagner. (1999). Analysis of the desmoplakin gene reveals striking conservation with other members of the plakin family of cytolinkers. *Exp. Derm.* 8: 462-470.
38. North, A.J. , W.G. Bardsley, E.A. Bornslaeger, H.C. Cordingley, **K.J. Green**, M. Hatzfeld, J. Hyam, A.I. Magee, B. Trinnaman, and D.R. Garrod. (1999). A molecular map of the desmosome. *J. Cell Sci.* 112: 4325-4336.
39. Bornslaeger, E.A., L.M. Godsel, C.M. Corcoran, J.K. Park, M. Hatzfeld, A.P. Kowalczyk, and **K.J. Green**. (2001). Plakophilin 1 interferes with plakoglobin for binding to desmoplakin, yet together with plakoglobin promotes clustering of desmosomal plaque complexes at cell-cell borders. *J. Cell Sci.* 114: 727-738.
40. Byun, Y., F. Chen, R. R. Chang, M. Trivedi, **K.J. Green**, and V.L. Cryns (2001). Caspase cleavage of vimentin disrupts intermediate filaments and promotes apoptosis. *Cell Death & Diff.* 8: 443-450.
41. Bannon, L.J., M.S. Stack, and **K.J. Green**. (2001). Limitations of comparative detection of proteins via epitope tagging. *Anal. Biochem.* 293:139-42.
42. Ishii, K., S.M. Norvell, L.J. Bannon, E.V. Amargo, L.T. Pascoe, and **K.J. Green**. (2001). Assembly of desmosomal cadherins into desmosomes is isoform-dependent. *J. Invest. Derm.* 117: 26-35.
43. Bannon, L.J., B.L. Cabrera, M. Sharon Stack, **K.J. Green**. (2001) Stoichiometry of the desmosomal cadherin/catenin complex. *J. Invest. Derm.* 117: 1302-1306.
44. Gaudry, C.A., H.L. Palka, R.L. Dusek, A.C. Huen, M.J. Khandekar, L.G. Hudson, and **K.J. Green**. (2001). Tyrosine-phosphorylated plakoglobin is associated with desmogleins but not desmoplakin after epidermal growth factor receptor activation. *J. Biol. Chem.* 276(27):24871-80. (published on line 5/3/01).
45. Chen, X., S. Bonne, M. Hatzfeld, F. Van Roy, **K.J. Green**. (2002). Protein binding and functional characterization of plakophilin 2: evidence for its diverse roles in desmosomes and  $\beta$ -catenin signaling. *J. Biol. Chem.* 277: 10512-10522.



46. Choi, H-J, S. Park-Snyder, L.T. Pascoe, **K.J. Green** and W.I. Weis. (2002). Structures of two fragments of the intermediate filament binding protein desmoplakin reveal a unique repeat motif structure. *Nature Struct. Biol.* 9 612-620, pub online July 8, 2002. (*highlighted in. News & Views*).
47. Ghosh, S., Munshi, H.G., Sen, R., Linz-McGillem, L.A., Goldman, R.D., Lorch, J., **Green, K.J.**, Jones, J.C.R. and Stack, M.S. (2002). Loss of Adhesion-Regulated Proteinase Production is Correlated with Invasive Activity in Oral Squamous Cell Carcinoma. *Cancer*, 95: 2524-2533.
48. Munshi, H.G., S. Ghosh, Y.I. Wu, R. Sen. **K.J. Green**, and M.S. Stack. (2002) Proteinase suppression by E-cadherin mediated cell-cell attachment in premalignant oral keratinocytes. *J. Biol. Chem.* 277(41):38159-67.
49. Huen, A.C., J.K. Park, X. Chen, L.M. Godsel, L.J. Bannon, E.V. Amargo, T.Y. Hudson, A.K. Mongiu, I.M. Leigh, D.P. Kelsell, B.M. Gumbiner, and **K.J. Green**. (2002). Intermediate filament-membrane attachments function synergistically with actin-dependent contacts to regulate adhesive strength. *J. Cell Biol.* 159: 1005-1018. (cited in *Faculty 1000*).
50. Hatzfeld, M., **K.J. Green**, and H. Sauter. (2003). Targeting of p0071 to desmosomes and adherens junctions is mediated by different protein domains. *J. Cell Sci.* 116:1219-33.
51. Fontao, L., B. Favre, S. Riou, D. Geerts, F. Jaunin, J.-H. Saurat, **K.J. Green**, A. Sonnenberg, and L. Borradori (2003). Interaction of the bullous pemphigoid antigen 1 (BP230) and desmoplakin with intermediate filaments is mediated by distinct sequences within their COOH terminus. *Mol. Biol. Cell.* 14:1978-92.
52. Bonne, S., B. Gilbert, M. Hatzfeld, X. Chen, **K.J. Green**, and F. van Roy. (2003). Defining desmosomal plakophilin-3 interactions. *J. Cell. Biol.* 161:403-16.
53. Chen, X, S. Kojima, G.G. Borisy and **K.J. Green**. (2003). P120 catenin associates with kinesin and facilitates the transport of cadherin-catenin complexes to intercellular junctions. *J. Cell Biol.* 163: 547-557. (*Commentary in same issue; cited in Faculty 1000*)
54. Lorch, J.H., J. Klessner, J.K. Park, S. Getsios, Y.L. Wu, M.S. Stack and **K.J. Green**. (2004). Epidermal growth factor receptor inhibition promotes desmosome assembly and strengthens intercellular adhesion in squamous cell carcinoma cells. *J. Biol. Chem.* 279: 37191-37200.
55. Setzer, S.V., C.C. Calkins, J. Garner, S. Summers, **K.J. Green**, and A.P. Kowalczyk (2004). Comparative analysis of armadillo family proteins in the regulation of A431 epithelial cell junction assembly, adhesion and migration. *J. Invest. Derm.* 123:426-433.
56. Getsios, S., E.V. Amargo, R.L. Dusek, K. Ishii, L. Sheu, L.M. Godsel, and **K.J. Green** (2004). Coordinated expression of desmoglein 1 and desmocollin 1 regulates intercellular adhesion. *Differentiation* 72: 419-432.
57. Yin, T, S. Getsios, R. Caldelari, A.P. Kowalczyk, E.J. Muller, J.C.R. Jones, **K.J. Green**. (2005). Plakoglobin suppresses keratinocyte motility through both cell-cell adhesion-dependent and – independent mechanisms. *Proc. Natl. Acad. Sci* 102: 5420-5425.
58. Yin, T, S. Getsios, R. Caldelari, L.M. Godsel, A.P. Kowalczyk, E.J. Muller, **K.J. Green**. (2005) Mechanisms of plakoglobin-dependent adhesion: desmosome-specific functions in assembly and regulation by EGFR. *J. Biol. Chem.* 280: 40355-63.
59. Godsel, L.M., S.N. Hsieh, E.V. Amargo, A.E. Bass, L.T. Pascoe-McGillicuddy, A.C. Huen, M.E. Thorne, C.A. Gaudry, J.K. Park, K. Myung, R.D. Goldman, L. Chew, and **K.J. Green**. (2005). Desmoplakin assembly dynamics in 4D: multiple phases differentially regulated by intermediate filaments and actin. *J. Cell Biol.* 171: 1045-1060.
60. Yang, Z, N.E. Bowles, S.E. Scherer, X. Sanchez, D.L. Kearney, S. Ge, V.V. Nadvoretzkiy, G DeFreitas, B. Carabello, L.I. Brandon, L.M. Godsel, **K.J. Green**, H. Li, H. Calkins, F. Marcus, and

- J.A. Towbin (2006). Desmosomal dysfunction due to mutations in desmoplakin causes arrhythmogenic right ventricular dysplasia/cardiomyopathy. *Circulation Res.* 99(6):646-55.
61. Dusek, R.L., F. Chen, S. Getsios, J.K. Park, E.V. Amargo, V.L. Cryns, and **K.J. Green**. (2006). The Differentiation-dependent Desmosomal Cadherin Desmoglein 1 Is a Novel Caspase-3 Target That Regulates Apoptosis in Keratinocytes. *J. Biol. Chem.* 281: 3614-24.
62. Lapouge, K, L. Fontao, F. Jaunin, B. Favre, D. Paulin, **K.J. Green** and L. Borradori. (2006). New insights into the molecular basis of desmoplakin- and desmin-related cardiomyopathies. *J. Cell Sci.* 119:4974-85.
63. Dusek, R.L., L.M. Godsel, F. Chen, A. Strohecker, S. Getsios, R. Harmon, E. Müller, R. Caldelari, V.L. Cryns and **K.J. Green** (2007). Plakoglobin deficiency protects keratinocytes from apoptosis. *J. Invest. Derm.* 127(4):792-801.
64. Nava, P., M.G. Laukoetter, A.M. Hopkins, O. Laur, **K.J. Green**, C.A. Parkos and A. Nusrat (2007). Desmoglein-2: A novel regulator of apoptosis in the intestinal epithelium. *Mol. Biol. Cell.* 18: 4565-4578.
65. Bass Zubek, A.E., R. P. Hobbs, E.V. Amargo, N.J. Garcia, S. N. Hsieh, Chen, X., Wahl, J. K., M. Denning, and **K.J. Green**. (2008). Plakophilin 2: a critical scaffold for PKC $\alpha$ -that regulates intercellular junction assembly. *J. Cell Biol.* 181: 605-13.
66. Abu-Yousif, A.O., K.A. Smith, S. Getsios, **K.J. Green**, and J.C. Pelling. (2008) Enhancement of UVB-induced apoptosis by apigenin in human keratinocytes and organotypic keratinocyte cultures. *Cancer Res.* 68: 3057-65.
67. Klessner, J.\*, B. Desai\*, E.V. Amargo, S. Getsios and **K.J. Green**. (2009) EGFR and ADAM17 Cooperate to Regulate Shedding and Endocytic Trafficking of the Desmosomal Cadherin Desmoglein 2. *Mol. Biol. Cell.* 20(1):328-37 \*Authors contributed equally to this work.
68. Franzen, C.A., E. Amargo, V. Todorović, B.V. Desai, S.H.S. Mirzoeva, K. Chiu, B. Grzybowski, T.L. Chew, **K. J. Green**, and J.C. Pelling (2009). The chemopreventive bioflavonoid apigenin inhibits prostate cancer cell motility through the focal adhesion kinase (FAK)/Src signaling mechanism. *Canc. Prev. Res.* 2(9):830-41.
69. Getsios, S.\*, C.L. Simpson \*, S. Kojima, R. Harmon, L.J. Sheu, R.L. Dusek, M.L. Cornwell and **K.J. Green** (2009). Desmoglein 1-dependent suppression of EGFR signaling promotes epidermal differentiation and morphogenesis. *J. Cell Biol.* 185: 1243-58 \*Authors contributed equally to this work. Cited in F1000 as "must read". PMC2712955.
70. Todorovic, V., BV Desai, RA Eigenheer, T. Yin, EV Amargo, M. Mrksich, **K.J. Green**, MJ Patterson Schroeder. (2010). Detection of differentially expressed basal cell proteins by mass spectrometry. *Mol Cell Proteomics* 9(2):351-61. PMC2830845.
71. Hobbs, R.P., S.Y. Han, J. D.H. Jongbloed, M.C. Bolling, M. F. Jonkman, S. Getsios, A.S. Paller, and **K.J. Green**. (2010). Insights from a Novel Desmoplakin Mutation Identified in Lethal Acantholytic Epidermolysis Bullosa. *J. Invest. Derm.* 130(11):2680-3. PMC In progress.
72. Geisler, S.B., **K.J. Green**, L.L. Isom, S. Meshinchi, J.R. Martens, M. Delmar, and M.W. Russell (2010). Ordered assembly of the adhesive and electrochemical connections within newly formed intercalated disks in primary cultures of adult rat cardiomyocytes. *J. Biomed. Biotechnol.* 2010: 624719.
73. Godsel, L.M., A.D. Dubash, A. Bass-Zubek, E.V. Amargo, J.L. Klessner, R.P. Hobbs, X. Chen and **K. J. Green**. (2010). Plakophilin 2 couples actomyosin remodeling to desmosomal plaque assembly. *Mol. Biol. Cell.* 21: 2844-59. PMC2921118.

74. Todorović, V., B. V. Desai, M.J. Schroeder Patterson, E.V. Amargo, A. D. Dubash, T. Yin, J.C.R. Jones and **K. J. Green**. (2010). Plakoglobin regulates cell motility through distinct matrix-dependent Src and Rho signaling pathways. *J. Cell Sci.* 123:3576-86. PMC2951470.
75. Simpson C. L, S.I. Kojima, V. Cooper-Whitehair, S. Getsios, **K.J. Green** (2010). Plakoglobin rescues adhesive defects induced by ectodomain truncation of the desmosomal cadherin desmoglein 1. Implications for exfoliative toxin-mediated skin blistering. *Amer. J. Pathol.* 177(6):2921-37. PMC2993287. *Subject of commentary in same issue by A. Payne.*
76. Hobbs, R.P., E.V. Amargo, A. Somasundaram, C.L. Simpson, M. Prakriya, M.F. Denning, and **K.J. Green**. (2011). The calcium ATPase SERCA2 regulates desmoplakin dynamics and intercellular adhesive strength through modulation of PKC{alpha} signaling. *FASEB J.* 25(3):990-1001. PMC3042836. *Recommended in Faculty of 1000.*
77. Sato, P.Y., W. Combs, X. Lin, O. Nekrasova, **K.J. Green**, L.L. Isom, S. Taffet, M. Delmar (2011). Interactions between ankyrin-G, plakophilin-2 and connexin43 at the cardiac intercalated disc. *Circ. Res.* 109: 193-201. PMC3139453.
78. Nekrasova, O.E., E.V. Amargo, Smith, W.O. Smith, J. Chen, G.E. Kreitzer, and **K.J. Green**. (2011). Desmosomal cadherins utilize distinct kinesins for assembly into desmosomes. *J. Cell Biol.* 195: 1185-203. PMC3246898. (*Highlighted in Biosights video: "A Twin-Track Approach to Building Desmosomes" <http://jcb.rupress.org/content/195/7/1185/suppl/DC2>; featured in Journal Club <http://jcb.rupress.org/content/195/7/1185/suppl/DC3>).*
79. Brennan, D., S. Peltonen, A. Dowling, W. Medhat, **K.J. Green**, J.K. Wahl III, F. Del Galdo, and My G. Mahoney (2012). A role for caveolin-1 in desmoglein binding and desmosome dynamics. *Oncogene* 31: 1636-48. PMC3228894.
80. Hamill, K.J., S.B. Hopkinson, P. Hoover, V. Todorovic, **K.J. Green** and J.C. Jones (2012). Fibronectin Expression Determines Skin Cell Motile Behavior. *J. Invest. Derm.* 132: 448-57. PMC3252482.
81. Hobbs, R.P., **K.J. Green** (2012). Desmoplakin regulates desmosome hyperadhesion. *J. Invest. Derm.* 2012. 132: 482-5. PMC3461275.
82. Franzen, C.A\*. V. Todorovic\*, B.V. Desai, S. Mirzoeva, X.J. Yang, **K.J. Green**, and J.C. Pelling. (2012). The desmosomal armadillo protein plakoglobin regulates prostate cancer cell adhesion and motility through vitronectin-dependent Src signaling. *PLoS One.* 7:e42132. \*Authors contributed equally. PMC 3408445.
83. Chen, J., O.E. Nekrasova, D.M. Patel, J.L. Klessner, J.L. Koetsier, E.V. Amargo, B.V. Desai, and **K.J. Green**. (2012). The C-terminal unique region of desmoglein 2 inhibits its internalization via tail-tail interactions. *J. Cell Biol.* 199: 699-711. PMC3494854
84. Harmon, R.M., C.L. Simpson, J.L. Johnson, J.L. Koetsier, A. Dubash, N. Najor, O. Sarig, E. Sprecher, and **K.J. Green**. 2013. Desmoglein-1/Erbin interaction suppresses Erk activation to support epidermal differentiation. *J. Clin. Invest.* 123: 1556-70. PMC3613912. (Commentary by Hammers, C.M. and J.R. Stanley. Desmoglein-1, differentiation, and disease. Highlighted in F1000)
85. Koetsier, J.L., E.V. Amargo, V. Todorović, **K.J. Green**, and L.M. Godsel (2014). Plakophilin 2 affects cell migration by modulating focal adhesion dynamics and integrin protein expression. *J. Invest. Derm.* 134: 112-22. PMC4216696.
86. Dubash, A.D., J.L. Koetsier, E.V. Amargo, N.A. Najor, R.H. Harmon, and **K.J. Green**. (2013). The GEF Bcr activates RhoA/MAL signaling in keratinocytes to promote keratinocyte differentiation via Desmoglein-1. *J. Cell Biol.* 202: 653-66. PMC3747303.
87. Bouameur, J-E, Y. Schneider, N. Begre, R.P. Hobbs, P. Lingasamy, L. Fontao, **K.J. Green**, B. Favre, and L. Borradori. (2013). Phosphorylation of serine 4642 in the C-terminus of plectin by

- MNK2 and PKA modulates its interaction with intermediate filaments. *J. Cell Sci.* 126: 4195-207. PMC3772390.
88. Samuelov, L., O. Sarig R.M. Harmon, D. Rapaport, A. Ishida-Yamamoto, O. Isakov, J.L. Koetsier, A.Gat, I. Goldberg, R. Bergman, R. Spiegel, O. Eytan, S. Geller, S. Peleg, N. Shomron, C.S.M. Goh, N. J. Wilson, F.J.D. Smith, E. Pohler, M.A. Simpson, W.H. I. McLean, A.D. Irvine, M. Horowitz, J.A. McGrath, **K.J. Green\*** and E. Sprecher\*. (2013). Desmoglein 1 deficiency results in severe dermatitis, multiple allergies and metabolic wasting. *Nat. Genet.* 45: 1244-8. (\*Co-corresponding authors). PM3791825. (*Recommended in F1000.*)
  89. Moy, I., V. Todorovic, A. Dubash, M. Buranaprarnest, C-C. Huang, **K.J. Green** and S.E. Bulun (2014). Estrogen-dependent Sushi Domain Containing 3 Gene regulates cytoskeleton organization and migration in breast cancer cells. *Oncogene.* 34: 323-33. PMC4096609.
  90. Johnson J, Koetsier J, Sirico A, Agidi A, Antonini D, Missero C, **Green KJ.** (2014) The desmosomal protein desmoglein 1 aids recovery of epidermal differentiation after acute ultraviolet light exposure. *J. Invest. Derm.* 134: 2154-62. PMC4102640.
  91. Lowndes, M., S. Rakshit, O. Sharfraz, N. Borghi, R. Harmon, **K.J. Green**, S. Sivansankar, and W.J.Nelson (2014). Different Roles of cadherins in the assembly and structural integrity of the desmosome complex. *J. Cell Sci.* 127: 2339-50. PMC4021477.
  92. Patel, D, A. Dubash, and G. Kreitzer and **K.J. Green** (2014). Disease mutations in desmoplakin inhibit Cx43 membrane targeting mediated by desmoplakin-EB1 interactions. *J. Cell Biol.* 206: 779-97. PMC4164953 (*Featured in JCB Biobytes; highlighted in Shaw. 2014. Dev. Cell 31: 139-40*).
  93. Todorovic, V., J.L. Koetsier, L.M. Godsel, and **K.J. Green** (2014). Plakophilin 3 mediates Rap1-dependent desmosome assembly and adherens junction maturation. *Mol. Biol. Cell.* 25: 3749-64. PMC4230782.
  94. Albrecht, L.V., L. Zhang, J. Shabanowitz, E. Purevjav, J.A. Towbin, D.F. Hunt, and **K.J. Green.** (2015). GSK3- and PRMT-1-dependent modifications of desmoplakin control desmoplakin-cytoskeleton dynamics. *J. Cell Biol.* 208: 597-612. PMC4347645.
  95. Sassano, A., E. Mavrommatis, A.D. Arslan, B. Korczynska, E.M. Beauchampm, S. Khuon, T.L. Chew, **K.J. Green**, H.G. Munshi, A.K. Verma and L.C. Plataniias (2015). Human schlafen 5 (SLFN5) is a regulator of motility and invasiveness of renal cell carcinoma cells. *Mol. Cell. Biol.* 35: 2684-98. PMC4524119.
  96. McAleer, M.A., E. Pohler, F.j. Smith, N.J. Wilson, c. cole, S. MacGowan, J.L. Koetsier, L.M. Godsel, R.M. Harmon, R. Gruber, D. Crumrine, P.M. Elias, M. McDermott, K. Butler, A. Broderick, O. Sarig, E. Sprecher, **K.J. Green**, W.H. Mclean, and A.D. Irvine. (2015). Severe dermatitis, multiple allergies, and metabolic wasting syndrome caused by a novel mutation in the N-terminal plakin domain of desmoplakin. *J. Allergy Clin. Immunol.* 136: 1268-76. PMC4649901.
  97. Boyden, L.M., C.Y. Kam, A. Hernandez-Martin, J. Zhou, B.G. Craiglow, R. Sidbury, E.F. Mathes, s.M. Maguiness, D.A. Crumrine, M.L. Williams, R. Hu, R.P. Lifton, P.M. Elias, **K.J. Green** and K.A. Choate. (2016). Dominant de novo DSP mutations cause erythrokeratoderma-cardiomyopathy syndrome. *Hum. Mol. Genet.* 25: 348-57. PMC4706118.
  98. Dubash, A.D.\*, C.Y. Kam\*, B. Aguado, D. Patel, M. Delmar, L. Shea and **K.J. Green** (2016). Plakophilin-2 loss promotes TGF- $\beta$ 1/p38 MAPK-dependent fibrotic gene expression in cardiomyocytes. *J. Cell. Biol.* 212: 425-38. \*Equal contribution.
  99. Johnson, Jodi L., P. Hoovere, B.D. Jovanovic, **K.J. Green**, J.J. Friedewald and J.K. Robinson (2016). Epidermal desmoglein 1 expression is reduced in kidney transplant recipients compared to immunocompetent patients. *J. Invest. Derm.* 136: 1908-12. PMC5044805.

100. Samuelov, L., Q. Li, R. Bochner, N. Najor, L. Albrecht, N. Malchin, T. Goldsmith, M. Grafi-Cohen, Meital; Vodo, Dan; G. Feiberg, B. Meilik, I. Goldberg, E. Warshauer, T. Rogers, S. Edie, A. Ishida-Yamamoto, L. Burzenski, N. Erez, S. Murray, A. Irvine, L. Shultz, **K. J. Green**, J. Uitto, E. Sprecher, O. Sarig. (2016). SVEP1 plays a crucial role in epidermal differentiation. *Exp. Derm.* Epub. doi: 10.1111/exd.13256.
101. Eskin-Schwartz, M., M. Drozhkina, O. Sarig, A. Gat, T. Jackman, O. Isakov, N. Shomron, L. Samuelov, N. Malchin, A. Peled, D. Vodo, A. Hovnanian, T. Ruzicka, S. Koshkin, R.M. Harmon, J. L. Koetsier, **K.J. Green**, A.S. Paller and E. Sprecher. (2017). Epidermolytic ichthyosis sine epidermolytic. *Amer. J. Dermatopath.* Epub doi: 10:1097/DAD. 0000000000000674.
102. Broussard, J.A., R. Yang, C. Huang, S. Shiva, P. Nathangari, A.M. Beese, L.M. Godsel, M. H. Hegazy, S. Lee, F. Zhou, N. J. Sniadecki, **K.J. Green\***, and H.D. Espinosa\*. (2017). The desmoplakin/intermediate filament linkage regulates cell mechanics. *Mol. Biol. Cell.* May 11. pii: mbc. E16-07-0520. doi: 10.1091/mbc. [Epub ahead of print] \*Co-corresponding authors.
103. Najor, N.A., G.N. Fitz, J.L. Koetsier, L.M. Godsel, L.V. Albrecht, R.M. Harmon, and **K.J. Green**. (2017). Epidermal growth factor receptor neddylation is regulated by a desmosomal-COP9 (constitutive photomorphogenesis 9) signalosome complex. *Elife*. DOI:[10.7554/eLife.22599](https://doi.org/10.7554/eLife.22599). PMC5663478.
104. Vodo, D., E.A. O'Toole, N. Malchin, A. Lahav, N. Adir, O. Sarig, **K.J. Green**, F.J.D. Smith, E. Sprecher (2018). Striate palmoplantar keratoderma resulting from a missense mutation in DSG1. *Br. J. Dermatol.* 10.1111/bjd. 16320. [Epub ahead of print].
105. Nekrasova, O., R.M. Harmon, J.A. Broussard, J.L. Koetsier, L.M. Godsel, G.N. Fitz, M. Gardel and **K.J. Green**. (2018). Desmosomal cadherin association with Tctex-1 and cortactin-Arp2/3 drives perijunctional actin polymerization to promote keratinocyte delamination. *Nat. Commun.* 9 (1): 1053. Doi: 10.1038/s41467-018-03414-6. PMC5849617.
106. Polivka, L., S. Hadj-Rabia, E. Bal, S. Leclerc-Mercier, M. Madrange, Y. Hamel, D. Bonnet, S. Mallet, H. Lepidi, C. Ovaert, P. Barbet, C. Dupont, B. Neven, A. Munnich, L.M. Godsel, F. Campeotto, R. Weil, E. Laplantine, S. Marchetto, J.P. Borg, W.I. Weis, J-L. Casanova, A. Puel, **K.J. Green**, C. Bodemer and A. Smahi. (2018). Epithelial barrier dysfunction in desmoglein-1 deficiency. *J. Allergy Clin. Immunol.* Apr. 26. Pii: S0091-6749 (18) 30616-X. doi: 10.1016/j.jaci.2018.04.007 [Epub ahead of print].
107. Kam, C.Y., A.D. Dubash, E. Magistrati, S. Polo, K.J.F. Satchell, F. Sheikh, P.D. Lampe, **K.J. Green**. Desmosomal Regulation of Gap Junctions via Ras. *J. Cell Biol.* Ms. Revised manuscript submitted.
108. Albrecht, L.V., A.S. Paller, and **K.J. Green**. AMPK activation promotes desmosome recovery in SERCA2-deficient Darier Disease cells. *J. Invest. Derm.* In revision.
109. Lee, S., R.M. Harmon, F. Uchida, T. Yanagawa, G.B. Waypa, P.T. Schumacker, and **K.J. Green**. Peroxiredoxin 1 promotes epidermal differentiation by stabilizing the cadherin desmoglein 1. *J. Cell Biol.* In revision.
109. Maruthappu, T., A. Posafalvi, S. Castelletti, P. Syrris, E.A. O'Toole, **K.J. Green**, P.M. Elliott, P.D. Lambiase, A. Tinker, W.J McKenna, D.P. Kelsell. Loss of function desmoplakin I and II mutations underlie dominant arrhythmogenic cardiocutaneous phenotype. *Eur. Heart J.* Ms. submitted.

### Peer-reviewed Reviews

111. Buxton, R.S., P. Cowin, W.W. Franke, D.R. Garrod, **K.J. Green**, I.A. King, P.J. Koch, A.I. Magee, D.A. Rees, J.R. Stanley, and M.S. Steinberg (1993). Nomenclature of the desmosomal cadherins. *J. Cell Biol.* 121: 481-483.

112. Stappenbeck, T.S. and **K.J. Green** (1993) Unlocking a cell's link to the extracellular world. *Contemp. Oncology* 3: 48-61.
113. **Green, K.J.** and J.C.R. Jones (1996). Desmosomes and hemidesmosomes: structure and function of molecular components. *FASEB J.* 10: 871-881.
114. **Green, K.J.** and C.A. Gaudry (2000). Are Desmosomes more than Cell-Type Specific Tethers for Intermediate Filaments? *Nature Reviews Mol. Cell Biol.* 1: 208-216.
115. Ishii, K., and **K.J. Green.** (2001). Cadherin function: Breaking the Barrier. *Curr. Biol.* 11: R569-R572.
116. Leung, C.L., R.K.H. Liem, D.A.D. Parry, and **K.J. Green** (2001). The Plakin Family *J. Cell. Sci.* 114 (19): 3409-3410.
117. Leung, CL., **K.J. Green**, R.K.H. Liem. (2002). Plakins: a family of versatile cytolinker proteins. *Trends Cell Biol.* 12: 37-45.
118. Tsuruta, D., **K.J. Green**, S. Getsios, J.C.R. Jones (2002). The barrier function of skin: how to keep a tight lid on water loss. *Trends Cell Biol.* 12: 355-357.
119. Getsios, S., A.C. Huen, and **K.J. Green** (2004). Working out the strength and flexibility of desmosomes. *Nature Reviews Cell Mol. Biol.* 5: 271-281.
120. Godsel, L.M., R.P. Hobbs, and **K.J. Green** (2008). Intermediate filament assembly: strength through dynamics. *Trends Cell Biol.* 18: 28-37.
121. Bass-Zubek, A.E. and K.J. Green (2007). Biochemical characterization of the desmosomes. *J. Invest. Derm.* 127: E1 (published online: <http://www.nature.com/milestones>).
122. Simpson, C.L. and K.J. Green (2007). Identification of desmogleins as disease targets. *J. Invest. Derm.* 127: E1 (published online: <http://www.nature.com/milestones>).
123. Harmon RM, Desai BV and **Green KJ.** (2009). Regulatory roles of the cadherin superfamily. *F1000 Biology Reports.* 1:13.
124. Desai, B.V., R.M. Harmon, and **K.J. Green** (2009). Desmosomes at a glance. *J. Cell Sci.* 122: 4401-7. PMID: PMC2787455
125. Simpson, C.L., D. Patel and **K.J. Green.** (2011). Deconstructing the skin: cytoarchitectural determinants of epidermal morphogenesis. *Nat. Rev. Mol. Cell Biol.* 12: 565-80. PMC3280198.
126. **Green, K.J.,** C. Niessen, L.M. Godsel, and M. Kulesz-Martin (2013). Montagna Symposium 2012-Keeping it All Together: Adhesion, the Cytoskeleton and Signaling in Morphogenesis and Tissue Function. *J. Invest. Derm.* 133: 1124-8.
127. Nekrasova, O. and **K.J. Green** (2013). Desmosome assembly and dynamics. *Trends in Cell Biol.* 23: 537-46. PMC3913269.
128. Broussard, J., S. Getsios, and **K.J. Green** (2015). Desmosome regulation and signaling in disease. *Cell. Tiss. Res.* 360: 501-12. PMC4489137.
129. Arnette, C., J.L. Koetsier, P. Hoover, S. Getsios and **K.J. Green.** (2016). In vitro Model of the Epidermis: Connecting Protein Function to 3D Structure. *Meth. Enzymol.* 569: 287-308. PMC4870045.
130. Quinlan, R.A., N. Schwarz, R. Windoffer, C. Richardson, T. Hawkins, J.A. Broussard, **K.J. Green,** and R.E. Leube. (2017). A rim-and-spoke hypothesis to explain the biomechanical roles for cytoplasmic intermediate filament networks. *J. Cell Sci.* 130: 3437-3445.
131. Broussard, J. and **K.J. Green** (2017). Research Techniques Made Simple: Methodology and Applications of Förster Resonance Energy Transfer (FRET) Microscopy. (2017). *J. Invest. Derm.* 137: e185-3191.

132. Yang, R., J.A. Broussard, **K.J. Green**, H.D. Espinosa (2018). Techniques to stimulate and interrogate cell-cell adhesion mechanics. *Extr. Mech. Letters*. In press.

### Invited Reviews, Meeting Proceedings and Chapters (Non-peer-reviewed).

133. Kirk, D.L., G.I. Viamontes, **K.J. Green** and J.L. Bryant, Jr. (1982). Integrated morphogenetic behavior of cell sheets: *Volvox* as a model. In: The 40th Symposium of the Society for Developmental Biology. Stephen Subtelny, ed. Alan R. Liss, New York, pp. 247-274.
134. Goldman, R.D., A.E. Goldman, **K.J. Green**, J.C.R. Jones, N. Lieska, J.C. Talian, H-Y. Yang and R.V. Zackroff (1984). Intermediate filaments: their interaction with various cell organelles and their associated proteins. *J. Submicrosc. Cytol.* 16: 73-74.
135. **Green, K.J.**, N. Lieska, H-Y. Yang and R.D. Goldman (1985). High molecular weight proteins associated with fibroblast intermediate filaments. *Ann. New York Acad. Sci.* 455: 686-690. PMC 4870045.
136. Goldman, R.D., A.E. Goldman, **K.J. Green**, J. Jones, N. Lieska, and H-Y. Yang (1985). Intermediate filaments: possible functions as cytoskeletal connecting links between the nucleus and the cell surface. *Ann. New York Acad. Sci.* 455: 1-17.
137. Goldman, R.D., A.E. Goldman, **K.J. Green**, J.C.R. Jones, S.M. Jones and H-Y. Yang (1986). Intermediate filament networks: organization and possible functions of a diverse group of cytoskeletal elements. *J. Cell Sci. Suppl.* 5: 69-97.
138. **Green, K.J.** and J.C.R. Jones (1990). Interaction of intermediate filaments with the cell surface. In: Cellular and Molecular Biology of Intermediate Filaments. Robert Goldman and Peter Steinert, eds. Plenum Pub. Corp., New York.
139. **Green, K.J.** (1990). Intercellular junction molecules involved in cell adhesion and cytoskeletal organization. *J. Northwestern U. Cancer Center* 1:56-61.
140. Jones, J.C.R. and **K.J. Green** (1991) Intermediate filament-plasma membrane interactions. *Curr. Opin. Cell Biol.* 3: 126-131.
141. Hertzberg, E., S. Tsukita, **K. J. Green**, and B. Stevenson (1992). Isolation of intercellular junctions by cell fractionation. In: Cell-Cell Interactions: A Practical Approach. W. Gallin, D. Paul and B. Stevenson, eds. Oxford University Press, Oxford. pp 111-142
142. **Green, K.J.**, T.S. Stappenbeck, D.A.D. Parry, and M.L.A. Virata (1992). Structure of desmoplakin and its association with intermediate filaments. *J. Dermatology.* 19: 765-769.
143. Kowalczyk, A.P., T.S. Stappenbeck, D.A.D. Parry, H.L. Palka, M.L.A. Virata, E.A. Bornslaeger, L.A. Nilles and **K.J. Green** (1994). Structure and function of desmosomal transmembrane core and plaque molecules. *Biophys. Chem.* 50: 97-112.
144. **Green, K.J.** and T.S. Stappenbeck (1994). The desmosomal plaque: role in attachment of intermediate filaments to the cell surface. In Molecular Mechanisms of Epithelial Junctions: from Development to Disease, S. Citi, editor. R.G. Landes Co. pp 157-171.
145. Bornslaeger, E.A., T.S. Stappenbeck, A.P. Kowalczyk, H.L. Palka and **K.J. Green** (1994). Molecular genetic analysis of desmosomal proteins. In Molecular Biology of Desmosomes and Hemidesmosomes, J.E. Collins and D.R. Garrod, eds. R.G. Landes Co. , Austin, TX. pp 35-52.
146. Kowalczyk, A.P. and **K.J. Green** (1996). The desmosome: a component system for adhesion and intermediate filament attachment. *Curr. Topics Mem.* 43: 187-209.
147. Norvell, S.M., E.A. Bornslaeger, and **K.J. Green** (1997). Transgenic mouse models of human epidermal disease. In : Biological Aspects of Disease: Contributions from Animal Models. (ed. Iannaccone P.M., Scarpelli, D.G.) Harwood Academic Publishers, Amsterdam pp 201-245.

148. **Green, K.J.**, E.A. Bornslaeger, A.P. Kowalczyk, H.L. Palka, and S.M. Norvell (1997). Specificity of desmosomal plaque interactions with intermediate filaments: keeping adhesive junctions segregated. *J. General Physiol.* 52: 123-139.
149. Bornslaeger, E.A., A.P. Kowalczyk, J.J. Meng, W. Ip, and **K.J. Green** (1997). The role of the desmosomal plaque protein desmoplakin in intermediate filament anchorage and junction assembly. In: "Cytoskeletal-membrane Interactions and Signal Transduction", R.G. Landes Co. pp 181-198.
150. **Green, K.J.**, A.P. Kowalczyk, E.A. Bornslaeger, H.L. Palka, and S.M. Norvell (1998). Desmosomes: Integrators of mechanical integrity in tissues. *Biol. Bull.* 194: 374-376.
151. Kowalczyk, A.P., E.A. Bornslaeger, S.M. Norvell, H.L. Palka, and **K.J. Green** (1999). Desmosomes: intercellular junctions specialized for attachment of intermediate filaments. *Int. Rev. Cytol.* 185: 237-302.
152. **Green, K.J.** and E.A. Bornslaeger (1999). "Desmoplakins" In: Guidebook to the Extracellular Matrix and Adhesion Proteins. (ed. Kreis, T. and R. Vale) Oxford University Press, pp 102-105.
153. **Green, K.J.** (2002). Bullous Pemphigoid Antigens. In: The Encyclopedia of Molecular Medicine, Vol. 1, T.E. Creighton, Ed. John Wiley & Sons, Inc., New York, 406-408.
154. **Green, K.J.** (2002). Desmoplakin In: The Encyclopedia of Molecular Medicine, Vol 2, T.E. Creighton, Ed. John Wiley & Sons, Inc., New York, 1034-1035.
155. **Green, K.J.** (2002). Envoplakin. In: The Encyclopedia of Molecular Medicine, Vol 2, T.E. Creighton, Ed. John Wiley & Sons, Inc., New York 1180-1181.
156. **Green, K.J.** (2002). Periplakin. In: The Encyclopedia of Molecular Medicine, Vol 4, T.E. Creighton, Ed. John Wiley & Sons, Inc., New York, 2444-2445.
157. **Green, K.J.** and C.A. Gaudry (2002). Plakins. In: The Encyclopedia of Molecular Medicine, Vol. 4, T.E. Creighton, Ed. John Wiley & Sons, Inc., New York, 2514-2516.
158. **Green, K.J.** (2002). Plectin. In: The Encyclopedia of Molecular Medicine, Vol 4, T.E. Creighton, Ed. John Wiley & Sons, Inc., New York, 2526-2527.
159. Bannon, L., L. Goldfinger, J.C.R. Jones and **K.J. Green** (2001). Desmosomes and Hemidesmosomes. In: "Frontiers in Molecular Biology: Cell Adhesion", Oxford University Press, M. Beckerle, ed., pp 324-368.
160. Dusek, R.L., J.C.R. Jones and **K.J. Green** (2004). "Desmosomes and Hemidesmosomes." In: Encyclopedia of Biological Chemistry, W.J. Lennarz & M.D. Lane, eds., Elsevier Press, Oxford Vol. 1 pp 569-576.
161. Yin, T. and **K.J. Green** (2004). "Regulation of Desmosome Adhesion and Function". In: Regulation of Cell-Cell Adhesion. *Sem. Cell Devel. Biol.* 15: 665-677.
162. Godsel, L.M., S. Getsios, and **K.J. Green** (2004). "Molecular Composition of Desmosomes." In: Cell Adhesion. Handbook of Experimental Pharmacology. Springer-Verlag. J. Behrens, and W.J. Nelson, eds. 165: 137-193.
163. Hudson, T.Y., L. Fontao, L.M. Godsel, H.J. Choi, A.C. Huen, L. Borradori, W.I. Weis and **K.J. Green** (2004). In vitro methods for investigating desmoplakin-intermediate filament interactions and their role in adhesive strength. *Methods Cell Biol.* 78: 757-86.
164. Green KJ, M. Böhringer, T. Gocken, JCR Jones (2005). Intermediate filament associated proteins. *Adv Protein Chem* 2005 **70**:143-202
165. Getsios, S., L.M. Godsel and **K.J. Green** (2005). "Structural and functional regulation of desmosomes." In: Rise and Fall of the Epithelial Phenotype. In: Landes Biosciences Publ. P. Savagner, ed. pp160-177.



166. Bass, A and **K.J. Green** (2006). "Desmosomes". In: Encyclopedia Reference of Genomics and Proteomics in Molecular Medicine. K. Ruckpaul and D. Ganten, eds., 1<sup>st</sup> edition pp387-391.
167. Green, K.J. and R.P. Hobbs (2006). Ties that Bind: Desmoplakin Keeps Us Together. *Progress in Dermatology*. 40: 1-12.
168. Dusek, R.L., L.M. Godsel and **K.J. Green** (2007). Discriminating roles of desmosomal cadherins: Beyond desmosomal adhesion. *J Dermatol Sci*. 45:7-21. (In Top 10 cited papers published in JDS 2006-08).
169. Simpson, C.L. and **K. J. Green**. (2007). Desmosomes: new perspectives on a classic. *J. Invest. Derm.* 127: 2499-2515.
170. **Green, K.J.**, S. Getsios, S. Troyanovsky and L.M. Godsel (2009). Intercellular Junction Assembly, Dynamics and Homeostasis. (2009). *CSH Persp. Biol.* 1: 1-22.
171. Bass-Zubek, A. E., L.M. Godsel, M. Delmar, and **K.J. Green** (2009). Plakophilins: Multifunctional scaffolds for adhesion and signaling. *Curr. Opin. Cell Biol.* 21(5):708-16. PMC 2386101.
172. Simpson, C.L., **K.J. Green** and S. Getsios. (2010). Targeting of desmoglein 1 in exfoliative toxin-mediated disease. *Exp. Rev Derm.* 5: 659-670.
173. Dubash, A.D., and **K.J. Green** (2011). Desmosomes (Quick Guide). *Curr. Biol.* 21: R529-31.
174. Todorović, V., R.L. Dusek, K. Kligys, J.C.R. Jones, and **K.J. Green** (2013). Desmosomes and Hemidesmosomes. *Encycl. Biological Chem.* Academic Press, Elsevier. 2<sup>nd</sup> Ed. C. Parent and P. Coulombe, eds. Pp 3232.
175. Kowalczyk, A.P. and **K.J. Green** (2013). Structure, Function and Regulation of Desmosomes. In "The Molecular Biology of Cadherins" from "Progress in Molecular Biology and Translational Science" Vol. 116. ed. Frans van Roy, ed. Elsevier Press. Pp 96-119.
176. Johnson, J.L., N. Najor, and **K.J. Green**. (2014). Desmosomes: Regulators of Cellular Signaling and Adhesion in Epidermal Health and Disease. *CSH Persp. Med.*. 4: pii: a0015297. PMC In process.
177. Harmon, R and **K.J. Green**. (2013). Structural and functional diversity of desmosomes. *Cell Adh. Comm.* 6: 171-87. (N/A).
178. Patel, D. and **K.J. Green**. (2014). Desmosomes in the Heart: a review of clinical and mechanistic analyses. *Cell Adh. Comm.* 21: 109-28. (N/A).
179. Delmar, M, **K.J. Green**, and P. Cowin. (2014). Highlights from special issue: junctional targets of skin and heart disease. *Cell Commun. Adhes.* 21:1 (Co-Editor for two part series in *Cell Communication and Adhesion*.) (NA)
180. Albrecht, L.V., **K.J. Green**, and A.D. Dubash (2016). Cadherins in Cancer. In "The Cadherin Superfamily", (Chapter 17), Springer. eds. S.T. Suzuki and S. Hirana.
181. Jones, J.C.R., C. Kam, R.M. Harmon, A.W. Woychek, S.B. Hopkinson, and **K.J. Green** (2017). Intermediate Filaments and the Plasma Membrane. Cold Spring Harbor Perspectives in Biology. Eds. T. Pollard, S. Dutcher, R.D. Goldman. Doi: 10.1101/cshperspect.a025866.
182. Rübsam, M., J.A. Broussard, S.A. Wickström, O. Nekrasova, **K.J. Green** and C.M. Niessen (2017). Adherens junctions and desmosomes coordinate mechanics and signaling to orchestrate tissue morphogenesis and function: an evolutionary perspective. *CSH Perspect. Biol.* doi: 10.1101/cshperspect.a029207.

## Editorials/Letters to Editor

June 1, 2018

183. **Green, K.**, K.A. Knudsen, and P.J. Jensen (2009). Obituary: Margaret (Peggy) Wheelock (1945-2009): cell scientist, mentor and friend. *J. Cell Sci.* 122: 1475-76.
184. Piquet, V., Y. Tokura, and **K. Green** (2011). Systematic mentoring on three continents. *J. Invest. Derm.* 131: 549-50.
185. **Green, K.** (2012). The cellular origins of disease-from bench to bedside. *J. Cell Sci.* 125: 3921-22.
186. Hobbs, R.P., L.M. Godsel, and **K.J. Green** (2013). Response to Garrod. *J. Invest. Derm.* 133: 578-9. PMC In process (peer-reviewed).
187. **Green, K.J.** and C. M. Niessen (2016). Degrees of Freedom: Your Future in Biomedical Research *J. Invest. Derm.* 136: 1073-6.

**Abstracts: Total >160**