LEONARD M. MILSTONE, M.D.

Born: October 19, 1944 in Newark, New Jersey

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Education: Hopkins Grammar School, New Haven, Connecticut 1962

Yale College, New Haven, Connecticut B.A., Chemistry, 1966

Yale University School of Medicine, New Haven, Connecticut M.D., 1970

Training: University of Oregon Medical School Hospitals, Portland, Oregon

Intern, medicine 1970‑1971

Resident, dermatology 1971‑1972

National Institute Child Health and Human Development - USPHS

Laboratory Molecular Genetics, Bethesda, Maryland

Research Associate, with Joram Piatigorsky 1972‑1975

Yale‑New Haven Hospital

Resident, Dermatology 1975‑1977

University of Chicago, sabbatical with Elaine Fuchs 1995

Academic Appointments:

Yale University School of Medicine, Department of Dermatology

Assistant Professor 1977‑1984

Associate Professor 1984‑1993

Professor 1993-2007

Professor Emeritus 2007-present

Research Scientist 2007-present

Hospital Appointments:

Yale‑New Haven Hospital

Attending Physician 1978‑present

VA Medical Center, West Haven, Connecticut

Staff Physician 1984-2007

Chief, Dermatology Service 1988‑2003

Board Certification and Licensure:

National Board of Medical Examiners 1971

American Board of Dermatology 1978

State of Connecticut (19995) 1978‑present

Professional Honors:

Anna Fuller Faculty Award 1977‑1980

NIADD ‑ Clinical Investigator Award 1977‑1980

VA ‑ Clinical Investigator Award 1981‑1984

Dozor Visiting Professor ‑ Ben Gurion University, Beersheva, Israel 1990

Distinguished Service Award, Foundation for Ichthyosis and Related

Skin Types 1995

Editorial Experience:

Yale Journal of Biology and Medicine, Assoc. Editor 1981-1983 Annals of New York Academy of Sciences, Symposium on Endocrine,

Metabolic and Immunologic Functions of Keratinocytes

Editor and Symposium Chair 1988

Methods in Enzymology, Vol. 190, Retinoids, Editorial Board 1990

Journal of Investigative Dermatology, Associate Editor 1992-2007

Journal of Dermatologic Science, Editorial Board 2003-present

Current Research Interests:

Keratinocyte biology

- gene targeting in keratinocytes

- ichthyosis

- dermatoremediation of iron overload

Clinical effects of retinoids on skin and bones

Committees:

**Yale University**

Ezra Stiles College, Fellow 1984-present

Health Professional Advisory Board 1996

**Yale Medical School**

Curriculum Committee 1985-1990

Director for Medical Studies, Dermatology 1985-1990

Hull Award Scientific Review Committee 1989-1995

Term Appointments and Promotions Committee 1997-2000

**VA Medical Center**

Clinical Executive Board 1988-2003

Tumor Board 1991-1998

Research and Development Committee 1984-1995

Chair 1993-1995

**Society for Investigative Dermatology**

Public Relations Committee 1989-1992

Program Committee 1996-2001

Chair 2001

Strategic Planning Committee 2003-present

**American Academy of Dermatology**

Government Medicine Task Force 1994-1998

Consensus Conference on Safe and Optimal Use of Isotretinoin 2002

**Dermatology Foundation**

Medical and Scientific Committee 2001-2004

**Foundation for Ichthyosis and Related Skin Types (F.I.R.S.T.)**

Medical Advisory Board 1982-present

Chair 1989-2016

Board of Directors 1997-2006

Vice President 2000-2006

**National Registry for Ichthyosis and Related Disorders**

Advisory Committee 1994-present

**Pachyonychia Congenita Project**

Medical and Scientific Advisory Board 2004-present

Societies (current):

American Academy of Dermatology

American Association for the Advancement of Science

American Dermatological Association

American Society for Human Genetics

Sigma Xi

Society for Investigative Dermatology

Society for Molecular Medicine

Society for Pediatric Dermatology

U.S. Patents:

Milstone,L.M. and Schwartz, P.M. Compositions and Methods for Treating

Cutaneous Hyperproliferative Disorders. Issued September 7, 1993.

Patent Number 5,242,921.

Milstone, L.M. and Schwartz, P.M. Method for the Treatment of Hyperproliferative Disorders. Issued July 5, 1994. Patent Number 5,326,764.

Invited Lectureships (selected):

Department of Dermatology, University of Oregon Medical School 7/81

Department of Dermatology, University of Washington 7/81

Cutaneous Biology Foundation, Salishan, Oregon 10/82

Department of Dermatology, University of Pennsylvania 1/83

McArdle Laboratories, University of Wisconsin 9/83

Department of Dermatology, Northwestern University Medical School 11/83

Department of Dermatology, Columbia University 1/85

Gordon Research Conference on Keratinization and 8/85

Epithelial Differentiation - Tilton, N.H.

Society for Pediatric Dermatology. Annual Meeting, Salishan, Or. 8/88

Department of Pathology and Oral Biology, SUNY ‑ Stony Brook 2/89

Howard Fox Guest Lecturer, New York University 10/90

Department of Dermatology

Japanese Keratinization Study Group - Tokyo, Osaka, Kyoto, Hakone, Japan 7/92

F.I.R.S.T. - National Family Conference every other year 1984-present

Center for the study of emerging diseases - Jerusalem, Israel 5/99

International Symposium on Nutritional Aspects of Osteoporosis - Lausanne, Switz. 5/00

Department of Dermatology, SUNY Downstate, Brooklyn, NY 2/01

Department of Dermatology, Thomas Jefferson University 4/01

Housatonic Museum of Art, Bridgeport, CT 2/03

Japanese Dermatological Association, Matsuyama, Japan 10/03

F.I.R.S.T. – National Family Conference, Kansas City, MO 7/04

Pachyonychia Congenita Project - National Family Conference, Niagara Falls, Ont. 8/05

Netzwerk Für Ichthyose – Symposium, Muenster, Germany 10/05

Moss Lectures, University of Wisconsin 8/07

Ottawa Dermatological Society 4/14

**TEACHING**

Yale University School of Medicine

Cell Biology Clinical Correlation (1st year) 1 lecture 1991-1994, 1998-1999, 2008

Skin Function and Physiology (in “Molecules to Systems”, 1st year) 2002-2011

Introduction to Dermatology (2nd year) 1 lecture 1985-1990

Dermatology elective - 1 clinic per week per session 1981-1999

- 1 lecture per session 1981-2004

Residents’ journal club supervisor 1988-present

Seminars in Molecular Medicine (Investigative Medicine Program) 1 lecture 2000-2002

Yale-College

College Seminar Program - CSES/PC 350a

Genetic Engineering: The science, practice and ethics

of moving genes to improve nature Fall term 1998,1999

Yale Institute for Social and Policy Studies

Workshop on Genetically Engineered Plants, 2001-present

Founder and chair 2001-2002

**GOVERNMENT REVIEW PANELS**

Special Emphasis Panels

NICHHD - 4/98

NIAMS - 7/99; 10/02; 11/06; 12/06; 3/07; 7/07; 3/08; 7/08; 3/09; 5/10;

11/10

CSR - 3/02; 7/02

NCATS 10/14

NIH-GMA-1 10/02

**FOUNDATION SCIENTIFIC REVIEW PANELS**

Psoriasis Foundation 2000-2003

Dermatology Foundation 2001-2004

F.I.R.S.T. (chair) 2007-present

European Research Projects on Rare Diseases 2007; 2009

Francaise Myopathies 2007,

Telethon (Italian Genetic Disease Research Found.) 2006

German Federal Ministry for Education and Research 2014

**BIBLIOGRAPHY**

Original Articles:

1. Chen HR, Galston AW, Milstone LM. Conversion of isatin to isatate as related to growth promotion in Avena coleoptile and Pisum stem sections. Plant Physiol 41:1485‑1488, 1966.

2. Milstone LM, Waksman BH. Release of virus inhibitor from tuberculin‑sensitized peritoneal

cells stimulated by antigen. J Immunol 105:1068‑1071, 1970.

3. Piatigorsky J, Rothchild SS, Milstone LM. Differentiation of lens fibers in explanted embryonic chick lens epithelia. Develop Biol 34:334‑345, 1973.

4. Milstone LM, Piatigorsky J. Rates of protein synthesis in explanted embryonic lens epithelia: differential stimulation of δ‑crystallin synthesis. Develop Biol 43:91‑100, 1975.

5. Milstone LM, Zelenka P, Piatigorsky J. δ‑Crystallin mRNA in chick lens cells: mRNA accumulates during differential stimulation of δ‑crystallin synthesis in cultured cells. Develop Biol 48:197‑204, 1976.

6. Milstone LM, Piatigorsky J. δ‑Crystallin gene expression in embryonic chick lens epithelia cultured in the presence of insulin. Exp Cell Res 105:9‑14, 1977.

7. Milstone LM, McGuire J. Different polypeptides form the intermediate filaments in bovine hoof and esophageal epithelium and in aortic endothelium. J Cell Biol 88:312‑316, 1981.

8. Milstone LM. Isolation and characterization of two polypeptides that form intermediate

filaments in bovine esophageal epithelium. J Cell Biol 88:317‑ 322, 1981.

9. McGuire J, Fedarko N, Johanssen E, LaVigne JF, Lyons G, Milstone LM, Osber M. The influence of retinoids on cultivated human keratinocytes. J Amer Acad Dermatol 6:630‑639, 1982.

10. Milstone LM, McGuire J, LaVigne JF. Retinoic acid causes premature desquamation of cells from confluent cultures of stratified squamous epithelia. J Invest Dermatol 79:253‑260, 1982.

11. Milstone LM, McGuire J, Ablow RC. Premature epiphyseal closure in a child receiving oral

13‑cis retinoic acid. J Amer Acad Dermatol 7:663‑666, 1982.

12. Milstone LM. Population dynamics in cultures of stratified squamous epithelia. J Invest Dermatol 81:69‑74s, 1983.

13. Canellakis ZN, Milstone LM, Marsh LL, Young PR, Bondy PK. GABA from putrescine is bound in macromolecular form in keratinocytes. Life Sci 33:599‑603, 1983.

14. Milstone LM, Braverman IM, Lucky P, Fleckman P. Classification and therapy of Atrophie

Blanche. Arch Dermatol 119:963‑969, 1983.

15. Stewart AF, Battaglini J, Milstone LM. Hypocalcemia‑induced pustular psoriasis of von Zumbusch: new experience with an old syndrome. Ann Int Med 100:677‑680, 1984.

16. Milstone LM, LaVigne JF. 2,3,7,8 tetrachlorodibenzo‑p‑dioxin induces hyperplasia in confluent cultures of human keratinocytes. J Invest Dermatol 82:532‑534, 1984.

17. Stenn K, Milstone LM. Epidermal cell confluence and implications for a two‑step mechanism of wound closure. J Invest Dermatol 83:445‑447, 1984.

18. Milstone LM, LaVigne JF. Heterogeneity of basal keratinocytes: non‑random distribution of thymidine‑labeled basal cells in confluent cultures is not a technical artifact. J Invest Dermatol 84:504‑507, 1985.

19. Merendino JJ, Insogna KL, Milstone LM, Broadus AE, Stewart AF. A parathyroid

hormone‑like protein from cultured human keratinocytes. Science 231:388‑390, 1986.

20. Wu TL, Insogna KL, Hough LM, Milstone LM, Stewart AF. Skin‑derived fibroblasts respond to human parathyroid hormone‑like adenylate cyclase‑stimulating proteins. J Clin Endocrin Metab 65:105‑109, 1987.

21. Milstone LM. Calcium modulates growth of human keratinocytes in confluent cultures. Epithelia 1:129‑140, 1987.

22. Schwartz PM, Milstone LM. Thymidine phosphorylase in human epidermal keratinocytes. Biochem Pharm 37:353‑355, 1988.

23. Mangin M, Webb AC, Dreyer B, Posillico JT, Ikeda K, Weir EC, Stewart AF, Bander NH , Milstone L, Barton DE, Franke U, Broadus AE. Identification of a cDNA encoding a parathyroid hormone‑like peptide from a human tumor associated with humoral hypercalcemia of malignancy. Proc Natl Acad Sci 85:597‑60l, 1988.

24. Schwartz PM, Kugelman LC, Coifman H, Hough LM, Milstone LM. Human keratinocytes catabolize thymidine. J Invest Dermatol 90:8‑12, 1988.

25. Leffell DJ, Stetz ML, Milstone L, Deckelbaum LI. *In vivo* fluorescence of human skin: a potential marker of photoaging. Arch Derm 124:1514‑1518, 1988.

26. Mangin M, Ikeda K, Dreyer B, Milstone L, Broadus AE. Two distinct tumor‑derived, parathyroid hormone‑like peptides result from alternative ribonucleic acid splicing. Molec Endocrinol 2:1049‑1055, 1988.

27. Milstone LM. Effector functions of epidermal keratinocytes. Annals of NY Acad of Sci 548:1‑3, 1989.

28. Insogna KL, Stewart AF, Ikeda K, Milstone LM. Characterization of a parathyroid

hormone‑like peptide secreted by human keratinocytes. Annals of NY Acad of Sci 548:146‑159, 1989.

29. Schwartz PM, Reuveni H, Milstone LM. Local and systemic implications of thymidine

catabolism by human keratinocytes. Annals of NY Acad of Sci 548:115‑124, 1989.

30. Insogna KL, Stewart AF, Morris CA, Hough LM, Milstone LM, Centrella M. Native and a synthetic analogue of the malignancy‑associated parathyroid hormone‑like protein have *in vitro* transforming growth factor‑like properties. J Clin Invest 83:1057‑1060, 1989.

31. Schwartz PM, Milstone LM. Dipyridamole potentiates the growth‑inhibitory action of methotrexate and 5‑fluorouracil in human keratinocytes *in vitro*. J Invest Dermatol 93:523‑527, 1989.

32. Hotez P, Haggerty J, Hawdon J, Milstone L, Gamble HR, Schad G, Richards F. Infective *Ancylostoma* hookworm larval metalloproteases and their possible functions in tissue invasion and ecdysis. Infection and Immunity 58:3883‑3892, 1990.

33. Atillasoy EJ, Burtis WJ, Milstone LM. Immunohistochemical localization of parathyroid hormone‑related protein (PTHRP) in normal human skin. J Invest Dermatol 96:277-280, 1991.

34. Stewart AF, Wu TL, Insogna KL, Milstone LM, Burtis WJ. Immunoaffinity purification of

parathyroid hormone‑related protein from bovine milk and human keratinocyte‑conditioned medium. J Bone & Mineral Research 6:305-311, 1991.

35. Wu TL, Soifer NE, Burtis WJ, Milstone LM, Stewart AF. Glycosylation of parathyroid

hormone-related peptide secreted by human epidermal keratinocytes. J Clin Endocrin Metab

73:1002-1007, 1991.

36. Reuveni H, Bull CO, Landry ML, Milstone LM, Schwartz PM. Antiviral activity of 5-iodo- 2′-deoxyuridine and related drugs in human keratinocytes infected *in vitro* with herpes simplex virus, Type 1. Skin Pharmacol 4:291-297, 1991.

37. Hough-Monroe L, Milstone LM. Quantitation of cross-linked protein: an alternative to counting cornified envelopes as an index of keratinocyte differentiation. Analytic Biochem

199:25-28, 1991.

38. Schwartz PM, Barnett SK, Atillasoy EJ, Milstone LM. Methotrexate induces differentiation of human keratinocytes. Proc Natl Acad Sci 89:594-598, 1992.

39. Orloff JJ, Ganz MB, Ribaudo AE, Burtis WJ, Reiss M, Milstone LM, Stewart AF. Analysis

of PTHrP binding and signal transduction mechanisms in benign and malignant squamous cells. Am J Physiol 262:599-607, 1992.

40. Hotez PF, Narasimham S, Haggerty J, Milstone L, Bhopale V, Schad GA, Richards FF. A hyaluronidase from infective *Ancylostoma* hookworm larvae and its possible function as a virulence factor in tissue invasion and in cutaneous larva migrans. Inf Immun 60:1018-1023, 1992.

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Broadus AE, Philbrick WM, Stewart AF. Parathyroid hormone-related protein: evidence for secretion of a novel mid-region fragment by three different cell types. J Biol Chem 267:18236-18243, 1992.

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45. Kugelman LC, Ganguly S, Haggerty JG, Weissman SM, Milstone LM. The core protein of epican, a heparan sulfate proteoglycan on keratinocytes, is an alternative form of CD44. J Invest Dermatol 99:887-891, 1992.

46. Milstone LM, Bale SJ, Insogna KL. Secondary hyperparathyroidism in patients with ichthyosis is not caused by vitamin D deficiency or ingestion of retinoids. Arch Dermatol

129:648, 1993.

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48. Haggerty JG, Bretton RH, Milstone LM. Response of stratified cultures of human

keratinocytes to disruption of proteoglycan synthesis by p-nitrophenyl-ß-D-xylopyranoside. J Cell Physiol 158:39-46, 1994.

49. Wysolmerski JJ, Broadus AE, Zhou J, Fuchs E, Milstone LM, Philbrick WM. Overexpression of parathyroid hormone-related protein in the skin of transgenic mice interferes with hair follicle development. Proc Natl Acad Sci 91:1133-1137, 1994.

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51. Schwartz PM, Barnett S, Milstone LM. Keratinocytes differentiate in response to inhibitors of deoxyribonucleotide synthesis. J Dermatol Sci 9:129-135, 1995.

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melanocytes. J Invest Dermatol, 106:1230-1235, 1996.

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localization of the thymidine phosphorylase/platelet-derived endothelial cell growth factor in skin and epidermal tumors. J Cutan Pathol 26:287-294, 1999.

55. Leachman SA, Insogna KL, Katz L, Ellison A, Milstone LM. Bone densities in patients

receiving isotretinoin for cystic acne. Arch Dermatol 135:961-966, 1999.

56. Gruen AB, Zhou J, Morton KA, Milstone LM. Photodegraded nifedipine stimulates uptake

and retention of iron in human epidermal keratinocytes. J Invest Dermatol 116:774-777, 2001.

57. Cserhalmi-Friedman PB, Milstone LM, Christiano AM. Diagnosis of autosomal recessive

lamellar ichthyosis with mutations in the TGM1 gene. Brit J Dermatol 144:726-730, 2001.

58. Connors JB, Rahil AK, Smith FJD, McLean WHI, Milstone LM. Delayed-onset

pachyonychia congenita associated with a novel mutation in the central 2B domain of keratin

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2004.

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Milstone LM, van Steensel MAM, Munro CS, O’Toole EA, Celebi JT, Kansky A, Lane EB.

Clinical and pathological features of pachyonychia congenita. J Invest Dermatol Symp Proc

10:3-17, 2005.

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C. Treatment of pachyonychia congenita. J Invest Dermatol Symp Proc 10:18-20, 2005.

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keratin. J Invest Dermatol Symp Proc 10:47-61, 2005.

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of systemic iron overload. J Invest Dermatol 125:1200-1205, 2005.

64. Milstone LM, Adams BD, Zhou J, Bruegel-Sanchez V, Shofner J. Stratum-specific

expression of human transferrin receptor increases iron in mouse epidermis. J Invest Dermatol

126:648-652, 2006.

65. Demerjian M, Crumrine D, Milstone LM, Williams ML, Elias PM. Barrier dysfunction and

pathogenesis of neutral lipid storage disease with ichthyosis (Chanarin-Dorfman syndrome). J

Invest Dermatol 6: 2032-2038, 2006

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McLean WHI, Kaspar RL. Single Nucleotide-Specific SiRNA Targeting in a Dominant

Negative Skin Model. J Invest Dermatol 128:594-605, 2008

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DR, McLean WHI, Kaspar RL. Therapeutic siRNAs for dominant skin disorders including

pachyonychia congenita. J Dermatol Sci 51:151-157, 2008

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Hansen CD, Eliason MJ, Srivatsa GS, Kornbrust DJ, Smith FJD, McLean WHI, Milstone

LM, Kaspar RL. First-in human Mutation-targeted siRNA Phase Ib Trial of an Inherited

Skin Disorder. Molec Therapy 18:442-446, 2010

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Williams ML, Nopper AJ, Bree A, Milstone LM, Lifton RP. Mitotic recombination in

patients with ichthyosis causes reversion of dominant mutations in *KRT10*.

Science, 330: 94-97, 2010

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McLean WH, Hull PR, Smith FJ. A large multinational study in pachyonychia congenita. J

Invest Dermatol 131: 1018-1024, 2011.

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Contag CH, Leake D, Milstone LM, Kaspar RL. Development of quantitative molecular

clinical endpoints for siRNA in clinical trials. J Invest Dermatol 131:1029-1036, 2011.

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Hu R-H, Liang Y, Kirkiles-Smith N, Prauznitz MR, Milstone LM, Contag CH, Kaspar RL.

Visualization of plasmid delivery to keratinocytes in mouse and human epidermis. Sci

Reports 1:158 1-9, 2011

73. Milstone LM, Hu R-H, Dziura JD, Zhou J. Impact of epidermal desquamation on tissue

stores of iron. J Dermatol Sci 67: 9-13, 2012

74. Lara MF, González-González E, Speaker TJ, Hickerson RP, Leake D, Milstone LM, Contag

CH, Kaspar RL. Inhibition of CD44 gene expression in human skin models using self-

delivery siRNA administered by dissolvable microneedle arrays. Molec Ther 23:816-823,

2012

75. Gruber R, Edlinger M, Kaspar RL, Hansen CD, Leachman S, Milstone LM, et al. An appraisal

of oral retinoids in the treatment of pachyonychia congenita. Journal of the American Academy

of Dermatology 66:e193-199, 2012

76. Milstone LM, Miller K, Haberman M, Dickens J. Incidence of moderate to severe ichthyosis

in the United States. Arch Dermatol 148:1080-1081, 2012

77. Rogers FA, Hu R-H, Milstone LM. Local delivery of gene-modifying triplex-forming

molecules to epidermis. J Invest Dermatol 133:685-691, 2013

78. Wilson NJ, O’Toole E, Milstone LM, Hansen CD, Shepherd AA, Al-Asadi E, Schwartz ME,

McLean WHI, Sprecher E, Smith FJD. The molecular genetic analysis of the expanding

pachyonychia congenital case collection. Brit J Dermatol 171:3430355, 2014

79. Choate KA, Lu, Y, Zhou J, Elias PM, Zaidi S, Paller AS, Farhi A, Nelson-Williams C,

Crumrine D, Milstone LM, Lifton RA. Frequent somatic reversion of KRT1 mutations in

ichthyosis with confetti. J Clin Invest 125:1703-1707, 2015

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Flores MA, Speaker TJ, Vermeulen, A, Bravo AA, Bruckner AL, Milstone LM, Schwartz

ME, Rice RH, Kaspar RL. Gene expression profiling in pachyonychia congenital skin.

J Dermatol Sci 77:156-175, 2015

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for a calcium-regulated protein interaction network by profilaggrin in human epidermis.

J Invest Dermatol 135:1801-1809, 2015

82. Marin E, Jozsef L, Di Lorenzo A, Held K, Luciano A, Melendez J, Milstone L, Velazquez H,

Sessa W. The protein acyl transferase ZDHHC21 modulates α1 adrenergic receptor function

and regulates hemodynamics Arterioscl Thromb Vasc Biol, 36:370-379, 2016

83. Bunick CG, Milstone LM. The x-ray crystal structure of the keratin 1–keratin 10 helix 2B

heterodimer reveals molecular surface properties and biochemical insights into human skin

disease, J Invest Dermatol, in press

84. DeKlotz CK, Schwartz ME, Milstone LM. Nail Removal in Pachyonychia Congenita:

Patient reported survey outcomes. J Amer Acad Dermatol, in press

Case reports, editorials, letters:

1. Milstone LM. Changing concepts of keratin. Amer J Dermatopath 2:161‑163, 1980.

2. Milstone LM. Backpacker's phlebitis. Phys and Sportsmedicine 12:12, 1984.

3. Milstone LM. Prescribing retinoids: The art and the science. Arch Dermatol 122:761‑763, 1986.

4. Milstone LM. Skin potions. Arch Dermatol 123:1087‑1088, 1987.

5. Milstone LM, Atillasoy EJ, Burtis WJ. Do all epidermal keratinocytes contain parathyroid hormone related protein (PTHrP)? J Invest Dermatol 97:1086-1087, 1991.

6. Milstone LM, Insogna KL. The effects of isotretinoin on the axial skeleton and the retinoid effect - in Reply. Arch Dermatol 128:1650, 1992.

7. Goldman GD, Milstone LM. Generalized linear porokeratosis treated with Etretinate. Arch Dermatol 131:496-497, 1995.

8. Goldman GD, Milstone LM, Shapiro PE. Histologic findings in acute HIV exanthem. J Cutan Pathol 22:371-373, 1995.

9. Duncan KO, Imaeda S, Milstone LM. Pneumocystis carinii pneumonia complicating methotrexate treatment of pityriasis rubra pilaris. J Amer Acad Dermatol, 39:276-278, 1998.

10. Milstone LM, Braverman IM. PURPLE (oops! atrophie blanche) revisited. Arch Dermatol, 134: 1634, 1998.

11. Jansen DA, Asgari MM, Atillasoy ES, Milstone LM. Clinical and in vitro responses of

bilayered skin construct (Graftskin) to meshing. Arch Dermatol 138:843-844, 2002

12. Milstone AM, Milstone LM. Is retinoid-induced osteopenia reversible? Arch Dermatol 138:1516-1517, 2002

13. Milstone LM, Insogna KL, Leachman, SA. Accutane and bone mineral density [comment].

J Am Acad Dermatol. 53:181, 2005.

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15. Milstone LM and Milstone EB. Aaron Lerner Remembered. J Invest Dermatol 127:2092-2094, 2007

16. Milstone LM, Scaly skin and bath pH; Rediscovering baking soda. J Am Acad Dermatol 62:885-886, 2010

17. Milstone LM, Rizzo WB, Pickford JR. Meeting Report from Frontiers in Ichthyosis Research J Invest Dermatol 131:279-282, 2011

18. Ko CJ, Milstone LM, Choi J, McNiff JM. Pityriasis rubra pilaris: the clinical context of acantholysis and other histologic features. Int J Dermatol 50: 1480-1485, 2011

19. Milstone LM, Waksman BH. Interferon-γ release assay. Arch Dermatol 148:133-134, 2012

20. Craiglow BG, Choate KA, Milstone LM. Topical Tazarotene for the treatment of ectropion in ichthyosis. JAMA Dermatology 149(5):598-600, 2013

21. Milstone LM, Choate KA. Improving outcomes for harlequin ichthyosis. J Amer Acad

Dermatol 69(5):808-809, 2013

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