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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 (1995) 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, <u>Retinoids</u> , 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

Current Research Funding:

NIH	
R01-AR47303 Dermatoremiation of iron overload	4/02-7/11
P30-AR41942 Yale Skin Disease Research Center, (R.Tigelaar, P.I.) tissue culture core, co-P.I.	4/96-6/09
Pachyonychia Congenita Fund	7/04-6/09

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
Foundation for Ichthyosis and Related Skin Types (F.I.R.S.T.)	
Medical Advisory Board	1982-present
Chair	1989-present
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
 Society for Investigative Dermatology
 Society for Molecular Medicine

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 Epithelial Differentiation - Tilton, N.H.	8/85
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, San Diego, CA	6/96
F.I.R.S.T. - National Family Conference, Philadelphia, PA	6/98

	Center for the study of emerging diseases - Jerusalem, Israel	5/99
5/00	International Symposium on Nutritional Aspects of Osteoporosis - Lausanne, Switz.	
	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

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-present
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
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, Founder and chair	2001-present 2001-2002
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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
CSR -	3/02; 7/02

GMA-1

10/02

FOUNDATION SCIENTIFIC REVIEW PANELS

<u>Psoriasis Foundation</u>	2000-2003
<u>Dermatology Foundation</u>	2000-2003
<u>F.I.R.S.T.</u>	2007-

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* 85:597-601, 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, Ribaud 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.
41. Milstone LM, Ellison AF, Insogna KL. Serum parathyroid hormone is elevated in some patients with disorders of keratinization. *Arch Dermatol* 128:926-930, 1992.
42. Smith LT, Wertelecki W, Milstone LM, Petty EM, Seashore MR, Braverman IM, Jenkins TG, Byers PH. Human Dermatosparaxis: A form of Ehlers-Danlos syndrome that results from failure to remove the amino-terminal propeptide of Type I procollagen. *Am J Hum Genet* 51:235-244, 1992.
43. Soifer NE, Dee KE, Insogna KL, Burtis WJ, Matovcik LM, Wu TL, Milstone LM, 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.
44. Haggerty JG, Bretton RH, Milstone LM. Identification and characterization of a cell surface proteoglycan on keratinocytes. *J Invest Dermatol* 99:374-380, 1992.
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.
47. Petty EM, Spiesel SZ, Seashore M, Braverman IM, Smith LT, Byers PH, Milstone LM. Dermatosparaxis in humans: a case report and description of the newly recognized phenotype. *Arch Dermatol* 129:1310-1315, 1993.
48. Haggerty JG, Bretton RH, Milstone LM. Response of stratified cultures of human keratinocytes to disruption of proteoglycan synthesis by p-nitrophenyl- β -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.
50. Milstone LM, Hough-Monroe L, Kugelman LC, Bender JR, Haggerty JG. Epican, a heparan/chondroitin sulfate proteoglycan form of CD44, mediates cell-cell adhesion. *J Cell Sci* 107:3183-3190, 1994.
51. Schwartz PM, Barnett S, Milstone LM. Keratinocytes differentiate in response to inhibitors of deoxyribonucleotide synthesis. *J Dermatol Sci* 9:129-135, 1995.
52. Herbold KW, Zhou J, Haggerty JG, Milstone LM. CD44 expression on epidermal melanocytes. *J Invest Dermatol*, 106:1230-1235, 1996.

53. Zhou J, Haggerty JG, Milstone LM. Growth and differentiation regulate CD44 expression on human keratinocytes. *In Vitro Cell Develop Biol* 35:228-235, 1999.
54. Asgari MM, Haggerty JG, McNiff JM, Milstone LM, Schwartz PM. Expression and 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 16. *Brit J Dermatol* 144:1058-1062, 2001.
59. Bruegel-Sanchez VL, Zhou J, LaCivita D, Milstone LM. Long-term murine keratinocyte cultures become tetraploid, yet maintain ability to stratify. *J Invest Dermatol*, 123:403-404, 2004.
60. Leachman SA, Kaspar RL, Fleckman P, Florell SR, Smith FJD, McLean WHI, Lunny DP, 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.
61. Milstone LM, Fleckman P, Leachman SA, Leigh I, Paller AS, van Steensel MAM, Swartling, C. Treatment of pachyonychia congenita. *J Invest Dermatol Symp Proc* 10:18-20, 2005.
62. Lewin AS, Glazer PM, Milstone LM. Gene therapy for autosomal dominant disorders of keratin. *J Invest Dermatol Symp Proc* 10:47-61, 2005.
63. Adams BD, Lazova R, Andrews NC, Milstone LM. Iron in skin of mice with three etiologies 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
66. Hickerson RP, Smith FJD, Reeves RE, Contag CH, Leake D, Leachman SA, Milstone LM, McLean WHI, Kaspar RL. Single Nucleotide-Specific siRNA Targeting in a Dominant Negative Skin Model. *J Invest Dermatol* 128:594-605, 2008
67. Leachman SA, Hickerson RP, Hull PR, Smith FJD, Milstone LM, Lane EB, Bale SJ, Roop DR, McLean WHI, Kaspar RL. Therapeutic siRNAs for dominant skin disorders including pachyonychia congenita. *J Dermatol Sci* 51:151-157, 2008

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 Etreinate. *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.
14. Epstein EH, Jr, Gilchrist BA, Milstone LM. Obstacles to translation conference. (Meeting report) *J Invest Dermatol* 126:1434-1437, 2006
15. Milstone LM and Milstone EB. Aaron Lerner Remembered. *J Invest Dermatol* 127:2092-2094, 2007

Books, Chapters, Reviews:

1. Piatigorsky J, Beebe DC, Zelenka P, Milstone LM, Shinohara T. Regulation of δ -crystallin gene expression during development of the embryonic chick lens. in, Les Colloques de l'Institut National de la Santé et de la Recherche Médicale. Inserm 60:85-112, 1976.
2. McGuire J, Milstone LM, Osber M, Ingalls L. Keratins in cultivated human keratinocytes are stable. in Biochemistry of Normal and Abnormal Epidermal Differentiation; eds. Seiji M, Bernstein IA. University of Tokyo Press, pp. 327-340, 1980.
3. McGuire J, Milstone L, Lawson J. Isotretinoin administration alters juvenile and adult bone, in Retinoids: New Trends in Research and Therapy; ed. Saurat JH, Karger (Basel), pp. 419-439, 1985.
4. Milstone LM, Edelson RL, eds.; Endocrine Metabolic and Immunologic Functions of Keratinocytes; Annals of the New York Academy of Sciences (New York), 548, 1988.
5. Milstone LM. Measurements of retinoid effects on epidermal renewal. Methods in Enzymology; ed. Packer L, 190:76-81, 1990.
6. Milstone LM. Growth Factors, in Dermatology: Progress and Perspectives; eds. Burgdorf WHC, Katz SI, Hood AF, Malkinson FD, Peters MS, Robinson JK, Swerlick R. Parthenon Publ Grp Ltd (Carnforth, Eng), pp. 1077-1079, 1992.

7. Milstone, EB and Milstone LM. Acne and Diet: Is There a Connection?, in The Yale Guide to Children's Nutrition; eds. Tamborlane W, Weisswasser J. Yale University Press, pp. 108-111, 1997.
8. Milstone LM. Keratinocyte biology: Chair's summary, in Dermatology at the Millennium; eds. Dyall-Smith D and Marks R. Parthenon Publ Grp Ltd (Carnforth, UK) pp. 758-760, 1998.
9. Milstone LM, Asgari MM, Schwartz PM, Hardin-Young J. Growth factor expression, healing, and structural characteristics of Graftskin (Apligraf) Wounds Suppl A, 12;12-19A; 2000
10. Milstone LM, Cappello M, Hotez P. What does hookworm invasion tell us about the epidermal barrier and emerging diseases of the skin? in Skin:The Barrier Zone; eds. Klaus SN, Hamburger J, in press
11. Milstone LM and Schwartz PM. Engineering better skin. in Skin:The Barrier Zone; eds. Klaus SN, Hamburger J, in press
12. Milstone LM and Leachman SA. Do retinoids cause osteoporosis. in Proceedings of the Fourth International Symposium on Nutritional Aspects of Osteoporosis. Eds. Burckhardt P, Dawson-Hughes B, Heaney RP, Academic Press, pp. 285-293, 2001
13. Milstone, LM. Epidermal Desquamation. J Dermatol Sci, 36:131-140, 2004
14. Milstone, LM. Clinical Pearls for the Management of Ichthyosis, in Spritz, JL. Genodermatoses, second edition, Lippincott Williams and Wilkins, 2005

M.D. Thesis:

Milstone LM. Interferon production as a manifestation of delayed hypersensitivity. Yale University School of Medicine, 1970.

Book Reviews:

1. Milstone LM. Tumor Cell Surfaces and Malignancy in Progress in Clinical and Biological Research, Vol. 41. Reviewed in Yale J Biol Med 54:152, 1981.
2. Milstone LM. Neurofibromatosis (von Recklinghausen Disease) in Advances in Neurology, Vol. 29. Reviewed in Yale J Biol Med 55:559-560, 1982.
3. Milstone LM. Progress in Dermatoglyphic Research in Progress in Clinical and Biological Research, Vol. 84. Reviewed in Yale J Biol Med 55:542-543, 1982.
4. Milstone LM. Nutrition and the Skin in Contemporary Issues in Clinical Nutrition, Vol. 10. Reviewed in American Scientist 75:642, 1987.
5. Milstone LM. Retinoids in Clinical Practice Reviewed in Arch Dermatol 130:128, 1994.