














PETER T. PUGLIESE, M.D.

Home Address: P.O. Box 307
Bernville, PA 19506
(610) 488-1234 Office
(610) 488-7203 Home

- **International Biomedical Consultant to Cosmetic & Pharmaceutical Industries**
- **World Reknown Skin Physiologist**
- **Author of “Advanced Professional Skin Care, Medical Edition” textbook and Over 100+ publications and presentations**
- **Educator to Physicians, Nurses, Estheticians, and Cosmetologists**
- **Inventor holding 13 patents**
- **Doctor of Medicine, License no.**
- **DEA, License No.**

PATENTS

- [6,596,289](#)  [Anti-cellulite pantyhose](#)
- [6,497,892](#)  [Cosmetic and skin protective compositions](#)
- [6,309,656](#)  [Cosmetic and skin protective compositions](#)
- [6,306,858](#)  [Zwitterionic fatty acid compounds for anti-inflammation](#)
- [6,153,207](#)  [Anti-cellulite pantyhose](#)
- [6,114,337](#)  [Zwitterionic-fatty acid compounds having anti-inflammatory properties](#)
- [6,448,251](#)  [Zwitterionic-fatty acid compounds having anti-inflammatory properties](#)
- [6,010,685](#)  [Skin protectant comprising 5-substituted and 5,5-disubstituted 3,4-dihydroxy-2\(5H\)-furanones](#)
- [5,622,690](#)  [Seed-derived proteinaceous compositions for reduction of sunburn cell formation](#)
- [4,750,496](#)  [Method and apparatus for measuring blood glucose concentration](#)
- [4,398,541](#)  [Method and apparatus for measuring moisture content of skin](#)
- [4,071,020](#)  [Apparatus and methods for performing in-vivo measurements of enzyme activity](#)
- [4,049,830](#)  [Bovine teat dip](#)

EDUCATION

Franklin and Marshall College, 1953, B.S. Biology

University of Pennsylvania, Medical School -, 1957

GRADUATE WORK

Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tennessee, 1955

Johnson Foundation, Univ. of Penn, Post Graduate Research in Biophysics, 1964-1967, part-time

ACADEMIC APPOINTMENTS

School of Veterinary Medicine, Univ. of Penn, Instructor in Comparative Medicine, 1965-1968

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Hershey Medical School, Lecturer in Family Medicine, 1974-1978

POSITIONS

- PETER T. PUGLIESE, M.D. & ASSOCIATES, President/Biomedical Consultant, 1987 to present
- HANESBRAND, INC., Consultant 1997 current
- AST, INC., Consultant/Medical Director
- CIRCADIA, INC., Consultant/Medical Director
- PUGLIESE PHARMACEUTICAL SERVICES, LLC, Consultant/Medical Director
- PRIMARY TECHNOLOGIES, Consulting Director of Research
- AVEDA CORPORATION, Medical Director, 1990 – 1991
- THE MENNEN COMPANY, Consultant/Medical Director
- HI-TEK POLYMERS, INC. (Division of Alcolac), Consultant
- SCOTT PAPER COMPANY, Consultant
- UNIVERSAL FOODS CORPORATION, Consultant
- MINNETONKA, INC., Consultant
- MILMARK RESEARCH, INC., Consultant/Medical Director
- PHARMACONTROL, INC. Consultant/Medical Director
- XIENTA, INC., Consultant/Medical Director
- MDS LABORATORIES, Reading, PA, Director of Advanced Clinical Biochemistry, 1964 - 1980
- COMMUNITY GENERAL HOSPITAL, Reading, PA, Director, Methadone Clinic, 1970 - 1975
- BERNVILLE BANK, Director, 1966 - 1969
- PRIVATE RURAL GENERAL PRACTICE, Bernville, PA, 1958 – 1978

SOCIETIES

Society of Cosmetic Chemists

American Academy of Dermatologists

Society of Bioengineering and the Skin

Society of Investigative Dermatology

Society of Photochemistry and Photobiology

~Curriculum Vitae~

American Association Advancement of Science

MILITARY SERVICE

UNITED STATES MARINE CORPS, 1946 – 1948

UNITED STATES ARMY, 1950 – 1952

AWARDS

Maison G. deNavarre Medal Award, The American Society of Cosmetic Chemists Highest Honor, Presented in Recognition of Significant Contribution in the Art and Science of Cosmetic Research, 1996

Most Meritorious Paper, Society of Cosmetic Chemists, New York Chapter, 1988

Dr. Paul Sewel Award, Society of Cosmetic Chemists, California Chapter, 1986

Honorable Mention for paper entitled “The Effects of dl-Alpha Tocopherol Acetate on Ultraviolet Light-Induced Epidermis Ornithine Decarboxylase Activity” presented at the Society of Cosmetic Chemists Annual Meeting, 1984

Second Most Meritorious Paper Presented at the International Federated Society of Cosmetic Chemists, 1976 * In vivo measurement of enzymes in the skin”

Italian American Citizenship Award, 1972

Americanism Award, B’Nai Brith, 1972

PERSONAL

Married – Joanne Elizabeth Rhode

Children – Steven Michael, Patricia Lee, Susan Louise, Peter Martin

REFERENCES

Available upon request

~Curriculum Vitae~

PUBLICATIONS and PRESENTATIONS of Peter T. Pugliese, M.D.

1. *Physiology of the Skin –The Practical Use of Topical Oxygen.* SKIN, INC. September 2008.
2. *Physiology of the Skin –A New Look at Cellulite, Part II.* SKIN, INC. August 2008.
3. *Physiology of the Skin –A New Look at Cellulite, Part I.* SKIN, INC. July 2008.
4. *Physiology of the Skin –A New Look at Vitamin A.* SKIN, INC. May 2008.
5. *Physiology of the Skin - The Impact of Glycation on Skin, Part II.* SKIN, INC. April 2008.
6. *The Truth About Cellulite*, featuring Peter T. Pugliese, MD. Webinar, SKIN, INC. April 2008.
<http://www.iiian.ibeam.com/events/allu001/26050/>
7. *Physiology of the Skin - The Impact of Glycation on Skin, Part I.* SKIN, INC. March 2008.
8. *Parabens: Paradox or Paranoia.* SKIN INC., January 2008.
9. *The Pathogenesis of Cellulite: a new concept.* Journal of Cosmetic Dermatology, June 2007.
10. *A Physician's View of the Emerging Medical Skin Care Market, Part III.* MEDICAL SPAS, November 2005.
11. *A Physician's View of the Emerging Medical Skin Care Market, Part II.* MEDICAL SPAS, October 2005.
12. *A Physician's View of the Emerging Medical Skin Care Market, Part 1.* MEDICAL SPAS, September 2005.
13. *Advanced Professional Skin Care, Medical Edition.* Textbook, The Topical Agent LLC, Bernville, Pennsylvania, 2005.
14. *Physiology of the Skin –Fundamentals of Laser Science, Part II.* SKIN, INC., August, 2004.
15. *Physiology of the Skin –Fundamentals of Laser Science, Part I.* SKIN, INC., July, 2004.
16. *Physiology of the Skin – Estrogen Androgen Skin Isotypes.* SKIN, INC., September, 2003.
17. *Physiology of the Skin – Adipose Tissue and the Immune System.* SKIN, INC., May, 2003.
18. *Physiology of the Skin – The Physiology of Ethnic Skin.* SKIN, INC., October, 2002.
19. *Physiology of the Skin – A New Look at Estrogen.* SKIN, INC., June, 2002.
20. *Advanced Professional Rejuvenation.* Presented at Face and Body 2001, Santa Clara, California, July, 2001.
21. *Advisor's Forum - State of the Industry in Healthy Aging.* SKIN, INC., July, 2001.
22. *Physiology of the Skin II - A Scientific Guide for the Skin Care Professional.* Allured Publishing Corporation, Carol Stream, Illinois, 2001.
23. *State of Aging Treatments by Estheticians and Suggestions for New Treatment Modalities.* Presented at the American Aestheticians Education Association, Santa Clara, California, July, 2001.
24. *Physiology of the Skin - The Desquamation Process.* SKIN, INC., June, 2001.

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25. *Science and Technologies of Enzymes*. Presented at the American Aestheticians Education Association, Boston, Massachusetts, May, 2001.
26. *Aging Concepts and Treatment*. Presented at The Pugliese Group School, Reading, Pennsylvania, April, 2001.
27. *Physiology of the Skin - Estrogens and Phytoestrogens*. SKIN, INC., March, 2001.
28. *Chemical Estrogen and its Role in Hormone Replacement*. Presented at the American Aestheticians Education Association, Dallas, Texas, February, 2001.
29. *Cosmetic Ingredients and Their Biochemistry in the Skin*. Presented at The Pugliese Group School, Reading, Pennsylvania, February, 2001.
30. *Physiology of the Skin - Biochemistry, Part II*. SKIN, INC., December, 2000.
31. *Physiology of the Skin - Biochemistry, Part I*. SKIN, INC., November, 2000.
32. *New Clothes and Old Shoes: New Anti-Oxidants and Net Uses for Established Anti-Oxidants from Plants*. Presented at Pennsylvania State University, Valley Forge, Pennsylvania, November, 2000.
33. *Cosmetic Ingredients and Their Biochemistry in the Skin*. Presented at The Pugliese Group, Reading, Pennsylvania, October, 2000.
34. *Physiology of the Skin - Basic Chemistry of Life, Part II*. SKIN, INC., October, 2000.
35. *Physiology of the Skin - Basic Chemistry of Life, Part I*. SKIN, INC., September, 2000.
36. *Essential of Skin Function and Cosmetic Actives: Their Critical Interaction*. Presented at The Pugliese Group School, Reading, Pennsylvania, September, 2000.
37. *Essential of Skin Function and Cosmetic Actives: Their Critical Interaction*. Presented at The Pugliese Group School, Reading, Pennsylvania, August, 2000.
38. *Beyond Glycolic*. Presented at Face and Body 2000, San Jose, California, July, 2000.
39. *Biology of Aging and Photo Damage*. Presented at Institute Advanced Clinical Aesthetics, Seattle, Washington, July, 2000.
40. *Basic Chemistry - Skin Peeling*. Presented at the American Aestheticians Education Association, Indianapolis, Indiana, July, 2000.
41. *Essentials of Skin Function and Cosmetic Actives: Their Critical Interaction*. Presented at The Pugliese Group School, Reading, Pennsylvania, May, 2000.
42. *Cosmetic Chemistry - Skin Peels*. Presented at the American Aestheticians Education Association, Boston, Massachusetts, April, 2000.
43. *Essentials of Skin Function and Cosmetic Actives*. Presented at The Pugliese Group School, Reading, Pennsylvania, March, 2000.

~*Curriculum Vitae*~

44. *New Concepts in the Genesis and Treatment of Cellulite*. Presented at the International Medical Aesthetics Symposium, Park City, Utah, February, 2000.
45. *Cosmetic Ingredients and Their Biochemistry in the Skin - An Introduction to JOANNA'S SOLUTION Skin Care Products*. Presented at The Pugliese Group School, Reading, Pennsylvania, February, 2000.
46. *Physiology of the Skin - Fat Distribution and Cellulite*. SKIN, INC., January, 2000.
47. *Cosmetic Chemistry*. Presented at the American Aestheticians Education Association, San Antonio, Texas, November, 1999.
48. *An Introduction to the Wood's Light and Photochemistry*. Presented at the International Esthetics, Cosmetic and Spa Conference, Orlando, Florida, November, 1999.
49. *Aging and Skin*. Presented at the Salon Unite Network, Maximum Salon Performance, New York, New York, September, 1999.
50. *The Power of Chemical Peels*. SKIN, INC., July, 1999.
51. *Cosmetic Chemistry*. Presented at the American Aestheticians Education Association, Indianapolis, Indiana, May, 1999.
52. *Physiology of the Skin - The Biological Role of Oxygen*. SKIN, INC., April, 1999.
53. *Mechanisms of Aging*. Presented at the Northeast Aestheticians Guild, Seattle, Washington, March, 1999.
54. *Aging Concepts and Treatment*. Presented at The International Cosmetic Expo, Miami, Florida, February, 1999.
55. *Cosmetic Chemistry*. Presented at the American Aestheticians Education Association, Boston, Massachusetts, February, 1999.
56. *Devour Disease with Shark Liver Oil* with John Heinerman, PhD, Publisher IMPAKT, Green Bay, Wisconsin, January, 1999.
57. *Shark Liver Oil and the Alkylglycerols*. Chapter Textbook of Natural Medicine, VOL 1, 2nd Edition, Section 5, pg 555-566. Ed Pizzorno & Murray, Churchill Livingstone, London, England, 1999.
58. *The Skin's Antioxidant System*. DERMATOLOGY NURSING, December, 1998.
59. *Physiology of the Skin - New Concepts on Aging*. SKIN, INC., November, 1998.
60. *Human Aging - New Concepts*. Society of Cosmetic Chemists, Myrtle Beach, South Carolina, October, 1998.
61. *Anti-Oxidants, Aging and the Eye*. Presented at Alcon Laboratories Convention on The Role of Nutraceuticals in the Diet of an Aging Population, Fort Worth, Texas, September, 1998.
62. *Shark Liver Oil and the Alkylglycerols*. Chapter, PHARMACOLOGY OF NATURAL MEDICINES, September, 1998.
63. *SKIN, SEX and LONGEVITY*. Publisher Pugliese, Bernville, Pennsylvania, August, 1998.
64. *Scar Formation and Treatment*. Presented at the American Aestheticians Education Association, Dallas, Texas, August, 1998.

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65. *Anti-Wrinkle Ingredients - A Panel Discussion*: International Congress of Esthetics, Long Beach, California, June, 1998.
66. *Topical Vitamin Modalities and Functionalities*. Presented at the Society of Cosmetic Chemists, Los Angeles, California, June, 1998.
67. *Can We Extend Life?* Presented at the American Aestheticians Education Association, Chicago, Illinois, April, 1998.
68. *Some Biological Actions of Alkylglycerols from Shark Liver Oil*. JOURNAL OF ALTERNATIVE AND COMPLIMENTARY MEDICINE, Volume 4, Number 1, Spring, 1998.
69. *An Introduction to Alternative and Complementary Medicine*. Presented at the OB/GYN Department, Reading Hospital, Reading, Pennsylvania, March, 1998.
70. *Current Trends in Skin Care*. Presented at The Pugliese Institute of Skin Science, Reading, Pennsylvania, March, 1998.
71. *A Brief Introduction to Herbal Therapy*. Presented at Family Health Department, Reading Hospital, Reading, Pennsylvania, February, 1998.
72. *Cosmetic Chemistry*. Presented at The Pugliese Institute of Skin Science, Reading, Pennsylvania, January, 1998.
73. *Conditions of the Skin*. Presented at The Pugliese Institute of Skin Science, Reading, Pennsylvania, December, 1997.
74. *Physiology of the Skin - Skin Elasticity*. SKIN, INC., November, 1997.
75. *Antioxidants*. Presented at the American Aestheticians Education Association, Boston, Massachusetts, November, 1997.
76. *Aging. A Preventable Disease*. Presented at Shaperite, Inc., Salt Lake City, Utah, September, 1997.
77. *Aging, Free Radicals and Anti Oxidants*. Presented at N.N.F.A. Conference, Las Vegas, Nevada, July, 1997.
78. *Physiology of the Skin - Herpes Infections*. SKIN, INC., June, 1997.
79. *Aging: Is It Inevitable? Can It Be Controlled?* Presented at the American Aestheticians Association, Chicago, Illinois, May, 1997.
80. *Aging, Free Radicals and Antioxidants*. Presented at Society Plastic Surgical Skin Care Specialist, New York, New York, April, 1997.
81. *Free Radicals and Aging: The Role of the Esthetician*. Presented at Beauty, Hair and Natural Therapies Fair, Brisbane, Australia, March, 1997.
82. *Aging, Free Radicals and Antioxidants*. Presented at Face and Body '96, San Jose, California, August, 1996.
83. *Aging, Free Radicals and Antioxidants*. Presented at CIDESCO, Washington, DC, August, 1996.
84. *Aging: A Preventable Disease*. Presented at the National Nutritional Foods Association Marketplace '96, Nashville, Tennessee, July, 1996.

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85. *Physiology of the Skin - A Scientific Guide for the Skin Care Professional*. Allured Publishing Corporation, Carol Stream, Illinois, 1996.
86. *Lymphatic Drainage Massage* with Linda Garofallou in *Principles and Practice of Ophthalmic Plastic and Reconstructive Surgery*. Stephen Bosniak, editor, W. B. Saunders publisher, Philadelphia, Pennsylvania, 1996.
87. *Efficacy of Dexpanthenol in Wound Healing: Double-Blind Assessment on Excised Wound Tissue Evaluation by Ultrasound and Histologic Examination*, with J. C. Farina and Y. Chautems, LES NOUVELLES DERMATOLOGIQUES, PCIM Strasburg, Vol. 14: 130-138, 1995.
88. *UVA and UVB Protection Against Lipid Peroxidation by a Melanin-Containing Sunscreen*, with Michael Christensen, Sergio Nacht, and Susan Walmer, in *Melanin: Its Role in Human Photoprotection*, Lisa Zeise, et al (eds). Valenmark Publishing Company, Overland, Kansas, 1995.
89. *UVA Protection by Melanin-Containing Sunscreen Measured by the Sunburn Cell Assay*, with Michael Christensen, Susan Walmer, and Sergio Nacht, in *Melanin: Its Role in Human Photoprotection*, Lisa Zeise, et al (eds). Valenmark Publishing Company, Overland, Kansas, 1995.
90. *Enzymatic and Non-Enzymatic Synthesis of Melanins* with John M. Pawalek, James Platt, Ashok K. Chakborty, in *Melanin: Its Role in Human Photoprotection*, Lisa Zeise, et al (eds). Valenmar Publishing Company, Overland, Kansas, 1995.
91. *Physiology of the Skin - Menopause and the Skin*. SKIN, INC., April, 1994.
92. *UVA and UVB Protection Against Lipid Peroxidation by a Melanin Containing Sunscreen* with Michael S. Christiansen and Sergio Nacht. Melanin Symposium, Washington, DC, March, 1994.
93. *Physiology of the Skin - Sun-Related Skin Disorders*. SKIN, INC., May/June, 1993.
94. *Physiology of the Skin - The Lymphatic System*. SKIN, INC., November/December, 1992.
95. *Ultrasound Evaluation of Wound Volume as a Measure of Wound Healing Rate* with Fredric Moncloa and Robert McFadden. ULTRASOUND IN DERMATOLOGY, 267-272, Springer-Verlag, Berlin, Heidelberg, 1992.
96. *Physiology of the Skin - Biology of Acneic Skin*. SKIN, INC., May, 1992.
97. *Advanced Professional Skin Care*. Textbook, APSC Publishing, Bernville, Pennsylvania, 1991.
98. *Physiology of the Skin - Pigmentation*. SKIN, INC., May, 1991.
99. *Physiology of the Skin - Males and Females Physiological Differences*. SKIN, INC., September, 1889.
100. *UVA Protection by a Melanin Containing Sunscreen*. Poster Exhibit Presentation, American Academy of Dermatology Annual Meeting, July, 1990.
101. *Physiology of the Skin - Immunology and the Skin Care Specialist*. SKIN, INC., July, 1990.
102. *Skin Protective Properties of a Cationic Guar Derivative* with George Hines and Willem Wielinga. COSMETICS AND TOILETRIES, Vol. 105:105-112, May, 1990.
103. *Use of Attenuated Total Reflectance Fourier Transfer Infrared Spectroscopy to Study Sunscreen Products*. CUTANEOUS AND OCULAR TOXICITY, Vol. 8:469, 1990.

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104. *Assessment of Anti-Aging*. Chapter 14, p.295, CLINICAL SAFETY AND EFFICACY TESTING OF COSMETICS. William C. Wagner editor, Marcel Dekker, 1989.
105. *Physiology of the Skin - The Appendages*. SKIN, INC., August, 1989.
106. *Physiology of the Skin - Sun's Effect on the Skin*. SKIN, INC., June, 1989.
107. *Physiology of the Skin - How Wrinkles Develop*. SKIN, INC., January, 1989
108. *Physiology of the Skin - Behavior of Normal Skin*. SKIN, INC., Fall, 1988.
109. *The Use of Ultrasound in the Evaluation of Skin Care Products*. COSMETICS AND TOILETRIES, Vol. 104:61-76, March, 1989.
110. *Concepts of Aging and the Skin*. COSMETICS AND TOILETRIES, Vol. 102:19-44, April, 1987.
111. *Assessment of Anti-Aging Products*. American Oil Chemists' Society Meeting, New Orleans, Louisiana, May, 1987.
112. *Cell Renewal Revisited - Panacea or Pariah*. Society of Cosmetic Chemists, Parsippany, New Jersey, May, 1987.
113. *Tocopheryl Nicotinate*. An Active Ingredient in Cosmetics with F. Vogel. Reprints of the 14th Congress of the International Federation of the Societies of Cosmetic Chemists, Barcelona, Spain, Vol. 1:501, September, 1986.
114. *Viscoelastic Studies with a Minature Suction Device*. Reprints of the 14th Congress of the International Federation of the Societies of Cosmetic Chemists, Barcelona, Spain, Vol. 1:235, September, 1986.
115. *Biochemical Assessment of Anti-Aging Products*. Reprints of the 14th Congress of the International Federation of the Societies of Cosmetic Chemists, Barcelona, Spain, Vol. 1:1, September, 1986.
116. *Effects of an Amphoteric Surfactant on the Skin Barrier: An In Viro Electro-physiological Study*. BRITISH JOURNAL OF DERMATOLOGY, Vol. 115:138-141, Supplement 31, 1986.
117. *New Techniques of Measuring Skin Function*. COSMETICS AND TOILETRIES, Vol. 101:41-46, 1986.
118. *Biochemical Assessment of the Anti-Aging Effects of Cosmetic Products*. JOURNAL OF APPLIED COSMETOLOGY, Vol. 3:138-139, 1985.
119. *Viscoelastic Studies with a Section Device*. Presented at the Bioengineering and the Skin 5th Annual Symposium, San Francisco, California, August-September, 1985.
120. *Biochemical Assessment of the Anti-Aging Effects of Cosmetic Products*. Presented at the International Meeting, "A New Look at Old Skin: A Challenge to Cosmetology", Rome, Italy, March, 1985.
121. *Skin Lipid Physiology and Treatment Through the Different Life Stages*. Presented at the Society of Cosmetic Chemists, New York Chapter Education Session, April, 1984.
122. *Biological Activity of Materials and Cosmetics - Functions and Formulation*. Presented at the Society of Cosmetic Chemists, Midwest Chapter, March, 1984.
123. *The Effects of dl-Alpha Tocopheryl Acetate on Ultraviolet Light-Induced Epidermis Ornithine Decarboxylase Activity*. Presented at the Society of Cosmetic Chemists, December, 1983.
124. *Cell Renewal - An Overview*. COSMETICS AND TOILETRIES, July, 1983.

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125. *Topical Vitamin E - Indications of Vasoconstrictive Activity in Humans from Measurements of Thermal Resistivity of the Skin with Dr. David Salter and Carl Nocka.* Scientific Seminar Society of Cosmetic Chemists, Cincinnati, Ohio, May, 1983.
126. *Transepidermal Water Loss Studies with Vitamin E with Carl Nocka and Vicki Lebo.* Presented at the Scientific Seminar, Society of Cosmetic Chemists, Cincinnati, Ohio, May, 1983.
127. *Immunochemistry: An Introduction for Cosmetic Chemists.* DRUG AND COSMETIC INDUSTRY, February, 1982.
128. *Ellipsometric Measurements of the Refractive Index in Vivo, Bioengineering and the Skin.* MTP Press, R. Marks and P. A. Payne, 1981.
129. *Assessment of Efficiency Testing Procedures, Past - Present - Future.* Presented at the International Symposium of Lanolin and Lanolin Products, Arnold and Marie Schwartz College, December, 1980.
130. *Studies on the Epidermis using Fluorescent Dyes and Cyanoacrylate Stripping.* Society of Cosmetic Chemists, New York, New York, 1981.
131. *Immuno-electrophoretic Studies of Protein Binding of Cosmetic Materials in the Stratum corneum.* Society of Cosmetic Chemist Annual Seminar, Washington, DC, 1981.
132. *Immunological Studies in Cosmetic Efficacy.* Presented at the International Federated Society of Cosmetic Chemists, Venice, Italy, 1980.
133. *A Physician's View of the Emerging Skin Care Market.* COSMETICS AND TOILETRIES, December, 1979.
134. *Internal Reflection Spectroscopy of the Skin.* Presented at the Society of Cosmetic Chemists, December, 1979.
135. *Studies of Skin Refractive Index by Ellipsometry.* Presented at the International Symposium on Bioengineering and the Skin, Cardiff, Wales, 1979.
136. *Ellipsometric Measurements of Skin Refractive Index.* Presented at the Society of Cosmetic Chemists, Dallas, Texas, 1979.
137. *Instrumental Techniques for Evaluation of Skin Care Products.* DRUG AND COSMETIC INDUSTRY, 1979.
138. *The Measurement of Enzyme Kinetics on the Intact Skin - A New Method to Study the Biological Effects of Cosmetics on the Epidermis.* JOURNAL OF THE SOCIETY OF COSMETIC CHEMISTS, 1978.
139. *Studies on Antibodies to Lung Extract in Berylliosis.* ARCHIVES OF INDUSTRIAL MEDICINE, 1967.