

Russell M. Jaffe, MD, Ph.D., CCN

CURRICULUM VITAE

- Board DIPLOMATE, National Board Medical Examiners **(1973)**
- Certifications DIPLOMATE, American Board of Pathology for Clinical and Chemical Pathology **(1973-1975)**
- Medical and Surgical Licenses Maryland, New York, California, New Jersey, District of Columbia and Pennsylvania
BNDD Number: BJ25537390 NRC (Radioisotopes) Users Number – NIH 982 **(1973)**
- Education
- Boston University College of Liberal Arts, A.B., Cum Laude **(1972)**
 - Boston University 6-Year Medical Program, MD., Senior Thesis Honors **(1972)**
 - Boston University Division of Medical Sciences, Ph.D., Biochemistry **(1972)**
 - Medical Internship, University Hospital, BUMC, Boston, MA **(1972-3)**
 - Residency, Clinical Pathology, National Institutes of Health Bethesda, MD **(1973-5)**
- Appointments
- National Institutes of Health and Clinical Center, CPD, Bethesda, MD **(1973-9)**
 - * Resident **(1973-5)**
 - * Senior Staff Physician, Clinical Pathology Department **(1975-9)**
 - Fellow, Health Studies Collegium **(1979 to present)**
 - Light Foundation - Board of Governors **(1980-99)**
 - Director, Princeton BioCenter **(1989-92)**
- Supplemental Training
- Pathobiology Conference – Aspen, CO **(Aug 8-17 1969)**
 - Advanced Course in Electron Microscopy – Northeastern University, Boston, MA
Professor Keith Porter & Faculty **(Jan 8-19 1970)**
 - Course in Acrylamide Electrophoresis, Gelman Corp – Boston, MA **(Aug 9-14 1970)**
 - Syntectics Training Course – Cambridge, MA **(Aug 9-17 1971)**
 - American Projective Drawing Institute – Emanuel Hammer, Ph.D. **(Aug 8-14 1976)**
 - Certified Clinical Nutritionist, CCN **(1990)**
- Military Service
- Lieutenant Commander, U.S. Public Health Service **(1973-7)**
 - Commander, U.S. Public Health Service **(1977-9)** (Resigned)
- Editorships
- Associate Editor, *The New Physician* **(1971-2)**
 - Senior Associate Editor, *The New Physician* **(1972-3)**
- Selected Scientific Abstracts
- Mechanism of Cross-Linkage Inhibition by Penicillamine, in *Texas reports on Biology and Medicine* **(Spring 1971)**
 - Aggregation of Platelets by purified Collagens, FASEB, Atlantic City, N.J., *Fed Proc* 31:243 **(1972)**
 - Ascorbic Acid (Vitamin C) Inhibits Occult Blood Detection in stool, *AFCR*, Atlantic City, *Clinical Research* 22:453 **(1973)**
 - Aggregation of Platelets by Different Collagens, AHA, Dallas, Texas, *Circ. Sup* 3:289 **(1974)**

- Role of Quaternary Structure in Collagen: Platelet Interaction, AFR, Atlantic City, N.J. *Clinical Research* 23:276 **(1973)**
- Binding of Different Collagens to Human Platelets. Proc 5th Congress International Society for Thrombosis and Haemostasis, *Throm Diath Haemorrh* 34:332 **(1976)**
- Role Quaternary Structure in Collagen Binding to and Aggregation of Platelets with Daniel Deykin, *Texas Rep Biol Med* 33:4 **(1975)** 586.
- *Science and Wellness: The New Medicine*, *Annals American Public Health Assoc.*, 104:4080 **(1977)**
- *The Effect of Cholesterol Supplementation on the Composition of Phospholipids from Platelets and Erythrocytes of Dogs Fed Diets high in Tallow or Cottonseed Oil*, R.E. Pitas, G.J. Nelson, R.M. Jaffe, and R.W. Mahley, American Oil Chemists Society St. Louis, MO **(May 1978)**
- Oxidized Cholesterol and Atherosclerosis. *Common Knowledge*. 4:14 **(Winter 1980)**
- Improved Immune Function Using Specific Nutrient Supplementation and Elisa/Act “ Immunologic Fingerprint “ to detect Late Phase Responses *Ex Vivo*. *J Am Col Nutr* 8(5) 424 **(1989)**
- Biochemical indices of Vitamin status in response to supplement use. Singh A, Jaffe R, Moses F, Dohoda V, Moran R, Kealey B, and Deuster PA. *Am J Clin Nutr* 51:523 **(1990)**

Clinical and Research Interest - Nutritional Immunology, Evoking the Human Healing Response
 - Treatment protocols for chronic, autoimmune illness

Special Training Programs with Certification Principal Faculty - Oriental Medical Strategy in Western Medical Practice, HSC, N.Y. **(1980-5)**

Bibliography

01. Franzblau, C. Faris B. Salcedo, L. Jaffe, R. and Crombie, G. Chemistry and Biosynthesis of cross-links in Elastin. In *Chemistry and Molecular Biology of the Extracellular Matrix* (Balazas, Ed.) Academic Press, Pg 617-641 **(1970)**
02. Jaffe, R. Interment of the Internship. *The New Physician*, Pg 701-711 **(Nov 1971)**
03. Jaffe, R. Managing the Drug Abuse Crisis. *The New Physician* Pg 218-222 **(April 1972)**
04. Jaffe, R. Report of the Second National Student Conference on Medical Education SAMA Pg 142 **(1972)**
05. Jaffe, R. and Deykin, D. Evidence for the Structural Requirement for the Aggregation of Platelets by Collagen. *J Clin Invest* 53:875-883 **(1974)**
06. Jaffe, R. and Deykin, D. Proceedings: Bindings of Collagen to Platelets. *Thromb Diath Haemorrh* 34 (1): 330-332 **(1975)**
07. Jaffe, R. Kasten, B. MacLowry, K. Young, D. False Negative Occult Blood Tests Caused by Ascorbic Acid *Ann Int Med* 83:824-826 **(1975)**
08. Jaffe, R. The Science of Wellness Medicine. *Proceedings 2nd International Symposium on Human Functioning*. Biosynergetics Institute. Wichita, KS **(1978)**
09. Jaffe, R. Platelet Interaction with Connective Tissue. In *Physiological Reaction of Blood Platelets*, Gordon, Ed Elsevier Pg 261-292 **(1976)**
10. Jaffe, R. Continuing Care Service and Wellness Medicine. *Archives of Thanatology* 8:2 **(1980)**
11. Jaffe, R. Tryptophan update: Helpful Adjunct and Innocent Bystander. *J Nutr Med* 4:133-139 **(1994)**
12. Deuster, PA and Jaffe R. A Novel Treatment for fibromyalgia improves Clinical Outcomes in a Community Based Study. *J Musculo Pain* 6:133-149 **(1998)**
13. Jaffe R. Autoimmunity: Clinical Relevance of Biological Response Modifiers in Diagnosis, Treatment and Testing, Part I. *Intl J Integrative Med*, 2 (2):16-22 **(2000)**
14. Jaffe R. Autoimmunity: Clinical Relevance of Biological response Modifiers in Diagnosis, Treatment, and Cofactor Replacement, Part II. *Intl J Integrative Med* 2 (4): 58-65 **(2000)**
15. Jaffe, R. Brown S. Acid-Alkaline balance and its Effect on Bone Health. *Intl J Integrative Med* 2 (6): 7-18 **(2000)**
16. Mehl-Madrona L, Jaffe RM. A Computer Simulation Model to Predict outcome in Diabetes. Invited paper at the IASTED Conference on Computer Modeling. Innsbruck, Austria, February 20, 2002 **(2002.)**
17. Jaffe, R. First Line Comprehensive Care. Part I: Chronic Autoimmune Disease Management by Causes Rather than Symptomatic Consequences. *Seminars in Integrative Medicine* (Jun); 3 (2): 44-60 **(2005)**

18. Jaffe, R. First Line Comprehensive Care. Part II: Anthropogenic Xenobiotics in Functional Medicine. Managing Persisting Bioaccumulating Pollutants: Toxic Minerals, Biocides, Hormone Mimics, Solvents, and Chemical Disruptors. *Seminars in Integrative Medicine* (Sep) 3; (3): 79-92 **(2005)**
19. Jaffe, R. Functional Lab Tests to Evaluate Immune Competencies in Chronic Illness and Chronic Infection: Part 1. *Townsend Letter for Doctors and Patients* Jan: 87-89 **(2006)**
20. Jaffe, R. Functional Lab Tests to Evaluate Immune Competencies in Chronic Illness and Chronic Infection: Part 2. *Townsend Letter for Doctors and Patients* 2006; Feb/Mar: 107-109 **(2006)**
21. Jaffe, R. Managing toxic minerals, biocides, hormone mimics, solvents and chemical disruptors. *Nutrition for Musculoskeletal Health*. Edited by Ingrid Kohlstadt, 2006 chapter 30, Marcel Dekker/CRC Press. **(2006)**
22. Jaffe, R, Nash R, Ash, R, Schwartz, N, Corish, R, Born, T, Lazarus, H. Healthcare transparency: Opportunity or mirage. *J Management Development* 2006; 25 (10): 981-995. **(2006)**
23. Jaffe R, Mani J, DeVane J, Mani H. Tolerance loss in diabetics: Association with foreign antigen exposure. *Diabetic Medicine: A Journal of the British Diabetic Association* 2006 Aug;23(8): 924-5. **(2006)**
24. Jaffe, R, Nash R, Ash, R, Schwartz, N, Corish, R, Born, T, Lazarus, H. An equation of health: Role of transparency and opacity in developing healthcare efficacy measures and metrics. *J Management Development* 2007; 26 (5): 441-458 **(2007)**
25. Jaffe, R. First-Line Comprehensive Care III Update on Immune System Lab Tests for Fibromyalgia-Chronic Fatigue-Metabolic Syndrome: Continuum of Treatment-Resistant Pain and Fatigue: Optimum Clinical Management Improves Outcomes and Reduces Risks and Treatment Complications as Supported by New Data. *Townsend Letter for Doctors and Patients* 2008; Jan: 87-94 **(2008)**
26. Jaffe, R, Nash R, Ash, R, Schwartz, N, Corish, R, Lazarus, H. Role of transparency in managing outcome successes: Causes and 'end use / last cost' as decision guides. *J Management Development* 2008; 27 (10): 1086-1114 **(2008)**
27. Jaffe, R. Functional lab tests to evaluate immune competencies in chronic illness and chronic infection: Part 3. *Townsend Letter for Doctors and Patients* 2009; Jan: 80-90 **(2009)**
28. Jaffe R. Food Reactivities: Diagnosing and Treating Food Allergies, Intolerances, and Celiac Disease in *Food and Nutrients in Disease Management*. Edited by Ingrid Kohlstadt, CRC Press, Feb 2009:241-255 **(2009)**
29. Jaffe R and Mani J. Diabetes: Food and Nutrients in Primary Practice in *Food and Nutrients in Disease Management*. Edited by Ingrid Kohlstadt, CRC Press, Feb 2009:241-255 **(2009)**
30. Jaffe R. Immune Defense and Repair Systems in Biologic Medicine: Clinical Relevance of Biological Response Modifiers in Autoimmunity: Diagnosis, Treatment, Tests, and Interpretation (Part I). *Townsend Letter for Doctors and Patients* 2009; Oct: 82-89. **(2009)**

*** Additional references available upon request ***

| | | |
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| Selected | - America's Top Physicians | (2005-2009) |
| Awards & | - International Scientist of the Year 2003, Oxford, England | (2003) |
| Honors | - Who's Who in Medicine and Science; in Business Worldwide, and others | (1995) |
| | - Norman E. Clarke Sr. Lecture, American College for Advancement in Medicine Colorado Springs, CO | (1992) |
| | - Research Committee, Illuminating Engineers Society of North America | (1981) |
| | - YPO 200 | (1981) |
| | - Dept. of Consumer Affairs, State of California, Project Manager, Indoor Environment Quality Study, Sacramento, CA | (1980) |
| | - American Academy of Medical Preventives, National Research Awardee June 17, 1979 Denver, CO | (1979) |
| | - Thanatologic Aspects of Aging: The Well, The Ill, The Family and the Staff, New York, NY | (1978) |
| | - 2nd International Symposium on Human Functioning: Distinguished Faculty Wichita, KA | (1978) |
| | - J.D. Lane Award (U.S.P.H.S.) Junior Investigator, Denver, CO | (1975) |
| | - Exhibitor and Awardee, American Medical Association Annual Meeting | (1971) |
| | - SQUIBB Exhibit Award Winner | (1971) |
| | - UTMB-SAMA Nat'l Research Forum, First Place, Graduate Student Category | (1970) |
| | - Mead Johnson, "Excellence in Research Award" | (1969) |
| | - Boston University Assembly, Outstanding Service Award | (1966) |
| | - Boston University, "Senior of the Year" | (1966) |

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Invited Addresses, Symposium, and Colloquia:

Dr. Jaffe has given over 1,000 invited addresses, workshops, symposia and colloquia.
Dr. Jaffe accepts no more than 50 invitations to present worldwide each year.

Scientific Associations and Membership References

01. American Medical Association (AMA)
(800) 621-8335
Contact: Member Services
02. American College of Allergy, Asthma and Immunology
(847) 427-1200
Contact: Jean Lynch
03. American Association of Clinical Chemists
(800) 892-1400
Contact: Client Services
04. Virginia Medical Association
(804) 353-2721 Ext/ 1043
Contact: Jennifer Hedge, Director of Memberships
05. Southern Medical Association (SMA)
(800) 423-4992
Contact: Vicky Johnson or Vonette Scott
06. American College of Nutrition
(727) 446-6086
Contact: Santa Henriquez
07. American Society of Internal Medicine / College of American Physicians
(215) 351-2704
Contact: Christy Kroupa
08. Royal Society of Medicine (Overseas Fellow)
London / 011-44 207290-2900
Contact: Jo Parkinson, Director
09. International College of Integrative Medicine
(419) 369-4837
Contact: Mr. & Mrs. Bob Angus
10. New York Academy of Science
(212) 838-0230
Contact: Membership Services
11. Federation of Clinical Immunology Societies
(301) 634-7000
Contact: Gail Pender
12. American Association of Bioanalysts
(314) 910-0231
Contact: Dr. Mark Birenbaum

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Scientific Associations and Membership References (Continued)

13. College of American Pathologists
(800) 323-4040 Ext/ 7309
Contact: LoAnne Tran
14. American Academy for the Advancement of Science
(202) 326-6417
Contact: Membership Services
15. Commissioned Officers Association of the PHS (Retired)
(301) 731-9080
Contact: Matt Sigafoose