

CURRICULUM VITAE

H. HUGH FUDENBERG, M.D.



- - **Birth Date:** [DELETED]
 - Birthplace:** New York, NY

- - **MAILING ADDRESS:**
 - NeuroImmuno Therapeutics Research Foundation
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- - **EDUCATION:**

<http://members.aol.com/nitr/cv.htm>

05/07/2001

JD-093467

Elementary and High School; Minneapolis, MN		
A.B.:	University of California; Los Angeles, CA	1949
M.D.	University of Chicago; Chicago IL	1953
M.A.:	Boston University (Immunochemistry, Prof. William Boyd; Mentors: Isaac Asimov, PhD; Phillip Levine, M.D., and Alex Weiner, M.D., co-discoverers of the Rh Factor; Elvin Kabat, Professor of Immunochemistry, Columbia University, New York	1958

o **TRAINING:**

Intern:	University of Utah Hospital, Straight Medicine, Chairman M. Wintrobe, author of the classic textbook of Hematology	1953-54
Resident:	Peter Bent Brigham Hospital (Now Women's and Brigham Hospital) Boston, MA	1956-58
Hematology Traineeship:	Dr. William Dameshek, Director of Hematology and Chief Editor of "Blood", the journal of blood diseases	1954-56

o **BOARD CERTIFICATION:**

Diplomate, American Board of Medical Laboratory Immunology	October 1979
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o ***HONORARY DEGREES:**

■ Professor Honoris Causa:

1) University of Kuopio (Finland)	1982
2) University of Claude Bernard (France)	1985
3) Free Science University (Combined Science Faculties of bologna, Padua and Venice)	1985

4) Weifang Medical College, Shandong (People's Republic of China)	1988
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o POSITIONS:

Research Associate, Rockefeller Institute, New York City	1958-60
Asst. Prof. of Medicine, U. of Calif. School of Medicine, San Francisco, CA	1960-62
Assoc. Prof. of Medicine, U. of Calif. School of Medicine, San Francisco, CA	1962-66
Assoc. Prof. of Immunology, U. of Calif., Berkeley, CA	1965-66
Prof. of Medicine, U. of Calif. School of Medicine, San Francisco, CA and Prof. of Bacteriology and Immunology, U. of Calif., Berkeley, CA	1966-75
Adjunct Prof., School of Public Health, U. of Calif., Berkeley, CA	1974-77
Prof. & Chairman, Dept. of Basic and clinical Immunology & Microbiology, Prof. of Medicine, Medical University of South Carolina, Charleston, SC	1974-89
Adjunct Prof. of Epidemiology, U. of North Carolina School of Public Health, Chapel Hill, NC	1977-79
Director of Research, NeuroImmuno Therapeutics Research Foundation, Spartanburg, SC	1990-

o HONORS (29) Annual Medal Lectures, etc., including:

Pasteur Medal, Institut Pasteur, Paris, France received at age 32. (youngest ever to receive)	1962
Robert A. Cooke Memorial Medal, American Academy of Allergy	1962
Distinguished Service Award, University of Chicago Medical Alumni Association	1973
Petrov Medal, USSR (for distinguished contributions to oncologic research)	1973
First Annual Warner-Lambert Lecturer, American Society for Microbiology, Infectious Disease Society of America, 16th Interscience Conference	1976
15th Annual Blumenthal Medal Lecturer, University of Minnesota School of Medicine	1977
Stanley Goldhammer Memorial Medal Lecturer, Case Western Reserve University	1978
Medal Lecturer, Danish Society for Oncology	1978
Medal Lecturer, Hungarian Society for Immunology	1978
Medal Lecturer, Venezuelan Society for Immunology	1979
Carl Neuberg Medal, Virchow-Pirquet Medical Society	1980
Keynote Speaker, 75th Anniversary International Medical Symposium Edmonton, Alberta (Canada)	1980
Luiz Vertzman Memorial Lecturer (Brazil)	1981
Recipient, Annual San Rocco Award, Italian Society of Cancer Immunology	1983
Invited Participant, VIII Nobel Symposium, Stockholm, Sweden	1967
Invited Participant, XV Nobel Symposium, Stockholm, Sweden	1983
Award: Seal of the City of Foggia and Province of Brushia for contributions to biomedical research	1984
Keynote Speaker, 3rd Latin American Symposium on Allergy and Immunology	1984

Participant, Study Group, "Molecular Mechanisms and Pathogenesis of Central Nervous System Disorders", Geneva, Switzerland	1985
Karl Landsteiner Medal, German Society of Immunology	1986
Annual Claude Bernard Medal for Medical Research, University of Lyon	1988
Recipient International First Prize (gold plaque) for FRONTIERS IN MEDICINE 1985-1989 (Castello di Pietrarossa Award), Italy	1991
International Man of the Year 1991 in Biomedical Research, International Biographical Centre, Cambridge, England	1991
International First Prize, Biomedical Science (shared with Professors Mathe and Karpas) Ninth Annual "Vita di Artista et Scienza", Italian Academy of Sciences	1992
Selected Speaker, Göteborg International Symposium on Neurodegenerative Diseases, Italian Academy of Sciences	1993
20th Century Achievement Award "500 Leaders of Influence of the Last Quarter of the 20th Century (whose achievements will have permanent applications, especially in the first quarter of the 21st Century)", American Biographical Institute	1996
PhD Thesis Opponent at several schools in Holland, Sweden, Australia and France	1996
First Annual Linus Pauling Lecture, American Society for Orthomolecular Medicine, San Francisco, California	1996

o **INVITED SPEAKER (20) including:**

Cold Spring Harbor Symposium	1958
Gordon Conferences (intermittently)	1963-80
First Decennial Lecturer, British Society of Immunology	1966

FASEB Interdisciplinary Symposium	1971
Chairman, International Symposium on recent advances on Immunomodulators Viareggio, Italy	1982
Chairman, International Congress on Clinical Cancer, Immunology-Como, Italy	1982
Chairman, Third Annual International Meeting on Clinical and Biological Evaluation of the Immunomodifiers Como, Menaggio, Italy	1983
Metchnikoff Phagocytosis Centennial Lecturer, University of Messina, Italy	1983
The Petroleum Club, Annual Lecture in Biotechnology, San Antonio, TX	1983
Chairman, Cancer Immunology Session, European Society of Immunology, Rome, Italy	
Nobel 150th Birthday Scientific Celebration, San Remo, Italy	1983
Plenary Lecturer, 9th International Symposium on Transfer Factor, Beijing, China	1983
Scientific Program Organizer and President, Italian Society of Cancer Immunology (Como)	1983
Featured Speaker of Italian Society of Immunopharmacology (Pisa)	1983
Retinitis Pigmentosa Telethon, Guest Speaker, Los Angeles	1984
Toxic Tort Forensic Medicine, Denver, CO	1984
The Second Hannah Conference on Medical Ethics, U. of Western Ontario, London, Ontario, Canada	1984
Participant, Second International Conference on Progress in Cancer Research, San Remo, Italy	1985
Visiting Professor, Middlesex Hospital, London, England	1987

New York Academy of Sciences	several symposia
Featured Speaker at various annual meetings: American Society of Clinical Chemists, Leukemia Society of America, American Academy of Pediatrics, American Cancer Society, International Society of Blood Transfusion, American Academy of Allergy, Russian Cancer Society	

Visiting Professor, Alpha Omega Alpha Lecturer, or Symposium Participant at almost every medical school in this country (36) and many institutions abroad (61) in either immunology, genetics, internal medicine, or oncology—e.g.:

Yale U. School of Medicine	Pasteur Institute, Paris
Princeton U.	Pasteur Institute, Lyon
Med. School Columbia U.	Claude Bernard U., Lyon*
U. of Kentucky	Institute Merieux, Lyon*
U. of Tennessee, Memphis	U. of Montpellier (France)
U. of Tennessee, Knoxville	U. of Paris (France)
Vanderbilt U., Nashville	U. of Bologna (Italy)
U. of N. Mexico Sch. Med.	U. of Pisa (Italy)
U. of Utah School of Med.	U. of Genoa (Italy)*
U. of Minnesota*	U. of Milan (Italy)
U. of Colorado Sch. Med.	U. of Naples (Italy)
U. of Wisconsin, Madison*	U. of Lund (Sweden)
U. of Illinois, Champagne*	U. of Uppsala (Sweden)
U. of Ill. School of Med.*	U. of Malmo (Sweden)
U. of Oregon Sch. of Med.	U. of Oslo (Norway)*

U. of Hawaii Sch. of Med.	U. of Bergen (Norway)
U. of Wash. Sch. of Med.	U. of Leiden (Holland)
U. of S. Cal. Sch. of Med.	U. of Merida (Venezuela)
U. of Cincinnati Sch. of Med.	U. of Sao Paulo (Brazil)
NYU School of Medicine*	Center for Human Genetics at Rouen (France)
Wayne State U.	Weizmann Institute (Israel)
Rockefeller University*	Hadassah Medical School and Tel Hasimare Hosp (Tel Aviv)
Cornell Medical College	U. of Zurich (Switzerland)
Jefferson Medical College	U. of Tainjin (China)
Temple Medical College	U. of Innsbruck (Austria)
Emory Medical School	U. of Helsinki (Finland)
U. of Penn. Sch. of Med.	U. of Tampere (Finland)
Nat'l Jewish Center for Respiratory and Immunologic Diseases (Denver)	U. of Geneva (Switzerland)
U. of California Los Angeles*	Semmelweis U. (Hungary)
Mayo Clinic Medical School	U. of British Columbia (Canada)
Rush Medical College	U. of Western Ontario (Canada)
U. of Chicago School of Medicine	U. of Ottawa (Canada)
U. of Alabama (Birmingham)	McGill U. (Canada)
U. of S. Alabama (Mobile)	U. of Manitoba (Canada)
Medical College of Georgia (Augusta)	U. of Toronto (Canada)

U. of Texas (all five medical branches)	Courtald Institute (Toronto)
State University of New York at Buffalo	Children's Hospital (Toronto)
	Middlesex U. Med. School (London)
	U. of St. Paul's (London)
	U. of St. Thomas (London)
	U. of Birmingham (England)
	Hammersmith Royal Post-Grad. Med. Sch. (London)
	Institute for Psychiatric Research, U. of London
	U. of Glasgow (Scotland)
	U. of Edinburgh (Scotland)
	U. of Amsterdam (Holland)
	Netherlands Red Cross, Central Blood Transfusion Research Labs*
	U. of Brussels (Belgium)
	U. of Louvain (Belgium)
	Karolinska Institute (Sweden)*
	National Academy of Sciences (Hungary)
	National Academy of Immunology (Czechoslovakia)
	Institute for Experimental Oncology (Leningrad USSR)

	Institute for Immunology (Belgrade, Yugoslavia)
	Institute Venezolano de Investigaciones Cientificas (Caracas, Venezuela)
	U. of Medellin School of Medicine (Colombia, S. Am.)
	Desarrollo Integral de Familia, Mexico City (Mexico)
	Argentinian National Academy of Medicine
	Schools in the Republic of South Africa (Johannesburg, Capetown, Durban, Bloemfontein, Parow, Mendusa). All 7 medical Schools at the request of country's Medical Research Council to evaluate research performance and potential of each.
	Weifang Medical College of Beijing (China)
*indicates spoke there 5 or more times	

o Cancer Research Centers

- French Nat'l Center for Cancer Research (Villejuf)
- Ludwig Cancer Research Institute (U. of Cambridge, England)
- Ludwig Cancer Research Institute (Laussane, Switzerland)
- Norwegian Cancer Research Institute (Oslo)
- Sidney Farber Cancer Research Institute (Harvard)
- Northwestern U. Cancer Center (Chicago)

- Howard U. Cancer Center, Neuro Pharmacology Unit, Pasteur Institute (Paris)
- M.D. Anderson Cancer Research Institute (Houston)
- U. of Miami (Papanicolaou Cancer Research Institute)
- Roswell Park Cancer Institute (Buffalo, NY)
- S. African Cancer Research Institute
- Danish Cancer Society (Copenhagen)
- U. of Cal. San Francisco Cancer Research Institute
- Hungarian National Research Institute
- Italian National Cancer Research Institute (Genoa)

Neurology Research Centers

- National Institute for Medical Health (Bethesda MD)
- NeuroPsychology Unit, Pasteur Institute (Paris)
- City of Hope, Neurobiology Unit (Duarte CA)
- National Alzheimer's Disease Society, Annenberg Center (Palm Springs CA)
- NeuroScience Center, Oxford U. (England)
- and others.

○ SOCIETY MEMBERSHIPS (Past and Present) [33 including the following]:

American Academy of Microbiology (Fellow)	
American Association for the Advancement of Science (Fellow)	
American Association for Cancer Research	
American Association of Immunologists	
(a) Committee for Congressional Liaison for HEW Appropriations	
(b) Long-Range Planning Committee	

American College of Occupational and Environmental Medicine	
American Federation for Clinical Research	
American Rheumatism Association	
American Society for Clinical Investigation, Member	1960-75
(a) Emeritus Member	1976-
(b) Chairman, Committee on Public Information	1971-74
American Society of Hematology:	
(a) President, subdiv. of Immunohematology and Immunogenetics	1970, 1974
(b) Subcommittee on Research in Teaching Methods	1961-65
American Society for Human Genetics:	
(a) Member, Executive Council	1969-72
Association of American Medical School Microbiology Chairmen:	1975-83
(a) Member, Public Affairs Committee	
Association of American Physicians	1968-
Council of Biology Editors	1978-87
Genetics Society of America	1962-70
Hungarian Society for Immunology (Honorary Member)	
International Platform Association	1991-
International Society for Blood Transfusion (Member, Executive Council)	1965-71
International Society for Environmental Toxicology and Cancer	
(a) Board of Councilors	1984-88

International Society of Hematology	1958-87
Internat'l Union of Immunological Societies, Immunoglobulin Subcommittee	1977
Midwinter Conference of Immunologists (Founder and Past President)	
Molecular Medicine Society	1996-
Netherlands Society for Immunology (Honorary Member)	1972-82
New York Academy of Sciences	1978-92
Oxford Club	1996-
Reticuloendothelial Society, Member	1975-82
(a) Program Chairman	1978
(b) Chairman, Public Affairs Committee	1978-81
Royal Society of Medicine (Associate Member), England	1974-82
Sigma XI	1978-82
South Carolina Society for Autistic Children	1976-80
Southeast Cancer Research Association	1975-79
(a) President	1977-78
Transfer Factor Society	1996-
Transplantation Society	1979-85
Turkish Society of Immunology (Honorary Members)	1980-

- EDITORIAL and SCIENTIFIC REVIEW BOARDS (Past and Present)
[42] including:

Vox Sanguinis	1962-76
Journal of Immunology	1963-71
Molecular Immunology	1965-71, 1973-78
Annals of Allergy	1966-
Transfusion	1966-74
American Journal of Human Genetics	1968-71
Blood	1975-79
Biochemical Genetics	1968-74
Infection and Immunity (American Society for Microbiology)	1970-72
Clinical Genetics	1971-76
Clinical Immunology and immunopathology (Chief Editor)	1972-87
Clinical And Experimental Immunology	1972-
Journal of Irreproducible Results	1972-
Immunochemistry	1973-78
Excerpta Medica (Immunology, Serology and Transplantation)	1973-86
Journal of Immunogenetics	1973-
Scandinavian Journal of Immunology	1974-88
Folia Allergologica et Immunologica Clinica	1975-
Mechanisms of Aging and Development	1975-92
Hospital Practice	1977-
Thymus, An International Journal	1978-82
Age	1978-79

Journal of Environmental Pathology and Toxicology	1978-
African Journal of Clinical and Experimental Immunology	1979-
Journal of Soviet Oncology	1981-84
EOS, Rivista di Immunologia et Immunofarmacologia	1981-
Journal of Experimental and Clinical Cancer Research	1982-
Immunologia Clinica e Sperimentale	1982-
Clinical Immunology Newsletter	1983-
Biosciences Communications	1983-85
International Journal of Immunopharmacology	1984-
Archives of Andrology	1984-
Immunopathology and Immunotherapy Letter	
Biomedicine and Pharmacotherapy	1985-88
Alzheimer Longevita Geriatria (Alzheimer's Geriatric Longevity)	1987-91
Medical Oncology and Tumor Pharmacotherapy	1987-91
ISI Atlas of Science (Institute for Scientific Information)	1987-89
Research Reviews in Immunology	1988-
Executive Editorial Board Revue de Medecine Fonctionnelle	1990-92
Revue Français de Transfusion et Immuno-Hematologie	1988-91
Bulletin of the Society for Orthomolecular Health-Medicine	1997-

o BIOTECHNOLOGY INVOLVEMENT (see attached):

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- Six patent applications approved
- Member, Board of Directors at North American Immunobiology (cancer immunotherapy research)
- Member, Scientific Advisory Board, Psyche Medica Corp. Santa Monica, CA

SPECIAL APPOINTMENTS:

- The Science Lobby: National Coalition for Science and Technology, in cooperation with the Illinois Institute of Technology - appointed to the Advisory Committee to develop a series of candidate forums for the 1988 presidential election.

LISTINGS:

Community Leaders and Noteworthy Americans, 10th edition	1978
Personalities of the South	1978
National Register of Prominent Americans	
International Who's Who in Community Service	
International Who's Who of Intellectuals	
Notable Americans of the Bicentennial Era	
Who's Who in America	1976-77
Who's Who in the World	1978-79
Who's Who in Science	1978-79
Who's Who in Frontier Science and Technology	
Personalities of America	1984
International Dictionary of Biography (International Biographical Center)	1990

Cambridge, England	
Who's Who in Medicine and Health Care	1995-
Who's Who in Cancer Research	

○ **PUBLIC SERVICE:**

▪ **University and State:**

Member, South Carolina Council of Independent Health Organizations	1979
Member, Task Force on Biomedical Research, South Carolina	1979-81
Commission on Higher Education	
Appointments and Promotions Committee, College of Medicine	1978-80
University Research Advisory Committee	1980-82
Chairman, Medical Advisory Committee, Cystic Fibrosis Fdn. of SC	1980-87
Organizer, First International Workshop on Infectious Agents, Cognitive Function Disorders and Molecular Medicine	1997
Testimony before House of Representatives on Gulf War Syndrome – Cause and Possible Therapy	1997
Consultant to Chancellor, SUNY–Stoneybrook, "How to Create a Medical School"	
Consultant to Chancellor, University of California–San Diego, "How to Create a Graduate/Medical School (member 3-man committee)"	

o National and International--Committees, Panels, etc., including:

Member, Expert Advisory Committee on Immunology, World Health Organization (WHO)	1962-82
Member, Expert Committee on Genes, Genotypes, and Phenotypes, WHO	1966-72
Member, Expert Committee on Genetics, WHO	1967-69
Member, Expert Committee on Immunologic Deficiency States, WHO	1970 & 73
Member, National Task Force on Multiple Myeloma and Chronic Leukemia, National Institutes of Health, NIH	
Member, Committee on Immunologic Standardization, NIH	1968-74
Member, Expert International Committee for Standardization in Hematology of the International Society of Blood Transfusions	1970
Member, Study Section (grant applications for lifetime professorships), American Cancer Society	1970-78
Member, Public Affair Committee, Federation of American Societies for Experimental Biology	1971
International Union of Immunologic Societies	1971-
(a) Mem., International Committee for Biological Standardization	1973-75
(b) Member, Nomenclature Committee	1973-75
Consultant, American Red Cross (National Blood and Plasma Program)	1973-75

Member, National Research Council, Panel on Biomedical Manpower	1974-78
Chairman, Advisory Committee on Research in Methods of Health Care Delivery, Health Systems, Inc.	1975-77
Member, Advisory Panel, UCLA Geriatric Research, Education and Clinical Center	1975-80
Member, Various Study Sections, NIH	1975-88