

CURRICULUM VITAE

WALDVOGEL Francis A., M.D.

Origin *Geneva (Switzerland)*

Date of birth *October 19, 1938*

Languages *French, german and english (fluent)*

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EDUCATION AND POSTGRADUATE EDUCATION

1958-1964 *Medical school, University of Geneva, M.D. degree*

1964-1966 *Intern, Department of Medicine, University Hospital, Geneva*

1966-1969 *Fellow, Massachusetts General Hospital and Harvard Medical School, Boston (USA) : training in infectious diseases, clinical microbiology and molecular biology*

1969-1970 *Senior resident, Department of Medicine, Peter Bent Brigham Hospital and Harvard Medical School, Boston (USA)*

1970-1973 *Chief resident, University Hospital, Geneva*

PROFESSIONAL EXPERIENCE

1972-1986 *Physician-in-chief, Infectious Disease Division, University Hospital, Geneva*

Development of one of the first comprehensive Infectious Disease Units in Europe, including diagnostic bacteriology, virology and HIV-laboratory. Research program supported by the Swiss National Research Foundation and private institutions. Starting with 2 persons in 1972, the Division encompassed more than 70 persons in 1986. Training of many young scientists who obtained later a professional title.

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| 1976-1986 | Founder and Director, Clinical Bacteriology Laboratory, University Hospital, Geneva |
| 1982-2004 | Physician-in-chief, Internal Medicine Service, Hospital, Geneva |
| 1990-2001 | <p>Chairman of the Department of Medicine, University of Geneva Medical School and University Hospital, Geneva</p> <p><i>Supervision and coordination of the Department of Medicine (300 beds, 1'000 collaborators, budget CHF 160 M)</i></p> <ul style="list-style-type: none"> • <i>Organization of outpatient activities in the medical specialties and in internal medicine</i> • <i>Organization of transdisciplinary research projects</i> • <i>Renovation of the Transfusion Center, and of the Patient Isolation Units</i> • <i>Development of specific projects in psychosomatic medicine</i> • <i>Creation of 2 mixed-medico-psychiatric wards for patients with severe eating disorders and for psychiatric patients with major medical problems</i> • <i>Organization of mixed wards in internal medicine and specialties</i> • <i>Development of new careers in clinical informatics, medical ethics, ethnomedicine, psychosomatic medicine, patient-doctor relationship</i> • <i>Establishment of comprehensive career development program for young gifted physicians</i> |
| 1991-2000 | Member and Vice-President of the Swiss Science Council, Bern (Advisory Body to Federal Government) |
| 1995-2004 | President of the Board of the Swiss Federal Institutes of Technology ETHZ (Zürich), of EPFL (Lausanne), and of the Swiss Research Institutes (including Paul Scherrer Institute, PSI). Major achievements (in collaboration) during this period : |

- *Supervision of the building of the Swiss Light Source at PSI (electron beam Accelerator)*
- *Preparation and implementation of the new Federal Law establishing the autonomy of the Swiss Federal Institutes with 4 year performance mandates*
- *Establishment of a regular scientific auditing system by foreign experts*
- *Creation and implementation of the « Arc lémanique » : a major academic project encompassing the transfer of the mathematics-physics-chemistry Departments from the « Université de Lausanne » to the « Ecole polytechnique fédérale de Lausanne » (EPFL) ; fusion of the 2 schools of Pharmacy Lausanne-Geneva*
- *Initiation of the reorganization of EPFL into a modern Research/Teaching Institution encompassing besides the basic science and technical curricula, an integration of the life sciences.*
- *Initiation of the transfer of the Swiss Cancer Institute ISREC to EPFL.*

April 1 to September 30, 1997 Director a.i. of the Swiss Science Agency, Bern (replacing Secretary of State for Science and Education)

1.10.2004 Mandatory retirement from public positions

ACTIVITIES 1.10.2004 TO PRESENT

- Consultant to the Swiss Minister of Home Affairs for Hospital/Faculty organizational projects (until 31.12.2005)
- Board member of the Novartis Venture Fund (since 1996), a major investment fund for startups in medicine and biotechnology ; Chairman of the Board (until 2014)
- Scientific Advisor to « Fondation en Recherche ophtalmologique », Lausanne : creation and financing of a research network in genetics-ophthalmology (2005-2008)
- Co-Founder and Executive Director, World Knowledge Dialogue (www.wkdialogue.org) with the objective of building bridges between the natural and humanities, 1st Symposium 2006 in Crans-Montana : (neurobiology, migration of human mankind, complexity)
2nd Symposium 2008 in Crans-Montana : collaborative behavior, altruism and conflict

This interdisciplinary project has been pursued by the Universities of Geneva,

Lausanne, Neuchâtel and by the EPFL with annual meetings in Villars (Switzerland) on interdisciplinary topics, e.g. migration, fair trade, medical humanities, truth and reconciliation - Coeditor of 2 publications (see bibliography)

- President (until 2010), Pro Victimis Foundation, Geneva, financing 10 to 20 projects/year in health, education and social support in emergent countries
- Co-Founder and president Board of Directors, Symbiotics, an investment Company providing services for microcredit projects in emerging countries and inclusive finance (2006-2016)
- External Advisor, reorganization of University affiliated Kurt Boesch Trans-disciplinary Institute, Sion (Switzerland) (2006-2010)
- President, Task Force for the reorganization of the « Conservatoire de Musique » and the creation of the « Haute Ecole de Musique » (HEM), Music Academy, Geneva (2009)
- Vice-President, Board of the « Conservatoire de Musique Genève » since 2006 Initiator and member of the Task Force of the renovation of the Conservatoire (project to be terminated in 2020)
- Several short term mandates in the field of hospital organizations, new pharmaceutical products, managed care programs etc.
- Member of the board of Race for Water Foundation (fighting ocean pollution by plastics), Lausanne (since 2015)
- Co-President, Scientific Board, Fondation Institut Pasteur, Suisse (since 2016)

ACADEMIC POSITIONS, AWARDS AND DISTINCTIONS

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| 1974 | Assistant Professor, Department of Medicine, University Hospital, Geneva |
| 1977 | Professor, Department of Medicine and Department of Microbiology, University of Geneva Medical School, Geneva |
| 1979 | Prizewinner of the Swiss Society of Internal Medicine |
| 1991 | Prizewinner of the Swiss Society of Internal Medicine |

April 2001 Howard H. Hiatt Visiting Professor, Harvard Medical School,
Boston

May 2001 Dr Honoris Causa, University of Trnava-Bratislava

PROFESSIONAL ORGANIZATIONS

Member of more than 20 international and national scientific and medical organizations ; mentioned are only those with presidential or executive commitment.

Deutsche Akademie der Naturforscher Leopoldina

Member ad personam of the Swiss Academy of Medical Sciences

Swiss Society of Internal Medicine, Past President and Honorary Member

Medical Society of Geneva, Past President

Past President of the Foundation Dr Henri Dubois-Ferrière Dinu Lipatti (until 2005)

Past Ass. Editor of the European Society for Clinical Investigation

American Federation for Clinical Research

American Academy of Microbiology

New York Academy of Sciences

Infectious Disease Society of America

International Society for Infectious Diseases : founder, executive member, Past President, Secretary General

MAJOR RESEARCH INTERESTS

Function and dysfunction of neutrophils

Osteomyelitis and foreign body infections

Quinolones and other antibiotics

Pathophysiology and prevention of persistent staphylococcal infections associated with medical devices

PUBLICATIONS

90 publications in peer reviewed journals, including New England Journal of Medicine, Cell, Lancet, Journal of Clinical Investigation, Annals of Internal Medicine, etc.

19 book chapters

23 review articles

72 publications in non peer reviewed journals

3 books related to management of infectious diseases

2 books on general topics :

- « Dialogue sur la médecine de demain », with Pierre Dominicé, Presses universitaires de France (2009)

- « Tableau de la vie : Echanges, émergences et complexité », Editions Odile Jacob, Paris, 2020

TEACHING EXPERIENCE

20 years of teaching experience at the medical Faculty : internal medicine, infectious diseases, clinical microbiology

Thesis supervisions

About 10 invited lectures/year (mostly abroad)

Visiting Professorships in USA, Canada, Australia, New Zealand, Germany, France

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