

Shlomo L. Maayan, MD

01.06.17

Born April 6, 1946, Kibbutz Tel Yizhak, Israel

Married to Rebecca Backenroth-Maayan MD, 4 children (1 deceased, 2008)

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- 1967-68 Bologna University Medical School, Bologna, Italy.
- 1969-73 Sackler Medical School, Tel Aviv, Israel.
- 1973-74 Rotating internship, Central Hospital for the Negev, Beer Sheba, Israel.
- 1973- MD degree - Sackler Medical School, Tel Aviv.
- 1975 Field Doctor, Bedouin Tribes, South Sinai administration.
- 1976-77 Internal Medicine internship, Coney Island Hospital, Brooklyn, N.Y.
- 1977-79 Internal Medicine residency, Mount Auburn Hospital, Harvard Medical School, Cambridge, MA.
- 1979-81 Infectious Diseases Fellowship, Albert Einstein College of Medicine, Bronx, N.Y.
- 1989-1990 Harvard School of Public Health, Boston (Post Doc.)
- 1995 McGill AIDS Center, Montreal (Post Doc.).

MEDICAL LICENSES

New York # 142046
 Massachusetts #019355
 Israel #11902

BOARD CERTIFICATION

USA: Internal Medicine 1981
 Infectious Diseases 1982
 ISRAEL: Internal Medicine Specialty Board

POSITIONS:

- 1981-1984 Director, Infectious Diseases Unit - Metropolitan Hospital, NY City.
 Assistant Professor - New York Medical College 1981 - 1984
- 1985-2013 Senior Consulting Physician - Department of Clinical Microbiology
 & Infectious Diseases, Hadassah U. Hospital, Jerusalem.
- 1990-98 Director, AIDS Clinic, Hadassah University Hospital.
- 1993-95 Consultant - The West Bank Health Authority.
- Chairman - Subcommittee on AIDS among drug abusers - The Israeli
 Parliament
- 2005 Founder, Israeli Consortium on AIDS Medicine in
 Africa (ICAMiA).
- 1997- 2013 Director, Hadassah AIDS Center, Hadassah U. hospital , Jerusalem.
- 2014-Present Director, Infectious Diseases Division, Barzilai Medical Center, Ashkelon,
 Israel.

ACADEMIC TITLES :

- 1982-1985 :Assistant Professor, NY Medical College, NY.
- 2000- 2013 : Associate Clinical Professor of Virology at the Hebrew University,
 Jerusalem
- 2017 : Adjunct Clinical Professor of Virology , Ben Gurion U School of Medicine.

Involvement in medical training:

At the Faculty of Medicine , Hebrew University:

1. Lecturer in infectious diseases and AIDS to 3rd year medical students 2000-2013
2. Course coordinator Infectious Diseases, 3rd Year Medical Students, Hebrew U. 2002-2007.

In Ethiopia:

Advanced Training in AIDS Medicine:

Between 2006-2011 , HAC initiated and ran an advanced training course in AIDS Medicine to Ethiopian doctors . This international program was sponsored by PEPFAR (US President Emergency Plan for AIDS Relief) . Ten groups of Ethiopian MD's (125 doctors and nurses in total) took the hands-on ,perceptorship based clinical course in Israel. Most training was done at Hadassah hospital.

Hadassah Faculty on tropical infectious diseases : The HAC initiated this Israeli faculty which, for 2 years, 2010-2012 joined the curriculum of Master's program in tropical infectious diseases at Gondar University, Ethiopia.

Training program for medical students of the Hebrew U in Ethiopia : In 2008, the HAC and the Dept. of clinical microbiology of Hadassah H_a initiated this program in collaboration with the Faculty of medicine. Five groups of students have already participated in the program which is aimed at exposing Israeli medical students to Third world medical realities.

RESEARCH GRANTS:

The Israel Agency for Prevention of Drug Abuse: \$10,000. (1992). Topic: The prevalence of Hepatitis viruses among drug abusers in Jerusalem.
Collaboration: S. Maayan, E. Shufman. \$10000 (#30).

The Israel Agency for Prevention of Drug Abuse: \$5,000. (1995). Topic: The prevalence of HIV, HTLV, HCV and HBV among Israeli drug abusers.
Collaboration: S. Maayan, E. Shufman. (#30)

Chief Scientist Office, Ministry of Health: NIS 60,000 (2000). Topic: The effect of influenza and Pneumococcal vaccination on HIV viral load and HIV pathogenesis. Collaboration: S. Maayan, O. Naor, Z. Rones, M. Shapira. NIS10000/50000

Nutraceuticals, USA \$300000 (2007) Topic: RiceX as an immune modulator in Israeli HIV/AIDS patients.

National Institute on Drug Abuse (NIDA, NIH), \$500000 (2013) Topic: Elite Control in HIV infection in Ethiopia: The Lillian Project. Collaboration Mekelle U, Ethiopia, Yale U - New Haven, Hadassah AIDS Center, JM

Other Grants / Donations :

1. Israeli Foreign Affairs Office (Mashav): \$25000 (2001).
Topic: Sexually transmitted diseases among Ethiopian women coinfectd by HIV subtype C in Ethiopia. (# 3, 7 & 11 in the new list of papers since last promotion)
2. Walter Hesselbach Fund: \$100,000. (1994).
For the study of the molecular epidemiology of HIV in Israel. (#35)
3. Fafo Norwegian People to People fund: \$10,000 (1999):
For Palestinian Israeli Collaboration in the field of Infectious Diseases (#1 under "chapters in books", new since last promotion)
4. The Kaplan Trust (France): \$10,000. (1992).
5. Hadassah International: \$40,000. (1992).
6. Hoffman La Roche - The SAQUINAVIR Study: \$26,000. (1995).
7. Nordmann Fund: \$50,000 (1997).
8. BMS and MSD grant for the study of drug adherence among AIDS patients of Ethiopian origin: \$80,000 (1999).
9. Hadassah International (Luxembourg) \$200000 (2006)

MOFA 419

Research on AIDS in Ethiopia :

In 2010, the HAC has initiated a collaboration with Mekelle U, Tigray, Ethiopia and Yale U, New Haven on the phenomenon of elite control in HIV, namely, HIV infection which does not progress to disease due to immune mechanism..

In 2013 a large NIH grant was of 500000 USD was obtained for investigating this phenomenon. The project is named the Lillian project and is about to start in March 2014.

In 2012, a new research on resistance to HIV in the Ethiopian setting was initiated by the HAC. Collaboration Gondar U, Ethiopia and Brown U. Providence RI. Grants are being sought for this project.

In 2010, a collaborative research, Hadassah AIDS Center and the MBL lab in Addis on human papilloma virus in Ethiopia was completed.

Other Scientific interests:

1. Sexually transmitted diseases: Clinical Research into the interactions of sexually transmitted infections and HIV in Ethiopia (collaboration Dr.Dawit Wolday MBL laboratory, Addis Abeba) :

The Hadassah AIDS Center (HAC) takes special interest in Ethiopian patients infected by the HIV subtype C. The association of STIs and HIV was investigated prior to the introduction of ARV's in Ethiopia. Two operational research projects investigated the relations between intestinal parasites and HIV infection and sexually transmitted infections (STI's) and HIV. These projects demonstrated a reduction in HIV genital load following successful treatment of STTS, an important observation in today's African AIDS.

2. Research on the HLA profile of patients infected by HIV subtype C, on the immune response to, and the escape mutations of HIV in Israeli AIDS patients of African origin (Past Collaboration :US Military AIDS Research program ; Current collaboration: Pr. Simon Mallal, Perth, Australia) :

Through another international collaboration the AIDS Center teamed with the US Military AIDS Research Program(Rockville,MD) and Duke U.AIDS Center. The unique features of the Israeli Ethiopian cohort , a cohort infected by HIV subtype C and having a unique HLA pattern led to investigations on the escape CTL mutations of HIV which develop in the face of a unique African HLA profile. This collaboration led into 3 scientific papers which defined the full length sequence of HIV subtype C, the mutational pattern of HIV in face a specific CTL response and the cross-subtype CTL response to HIV-C infection. The collaboration with the Perth group is ongoing.

3 Operational research on the development of drug resistance to antiretrovirals in Israel and Ethiopia

The collaboration on HIV resistance with the Israeli Reference laboratory on HIV resistance (Prof. Zehava Grossman) and with CDC Ethiopia (Dr. Yohannes Mengistu):

This led to important papers delineating the prevalence of HIV resistance among Israeli patients on no anti-viral treatment ,the unique mutational patterns of HIV subtype C and a cross sectional evaluation of HIV resistance in Ethiopia .