

CURRICULUM VITAE

Orit Frenkel

Personal data:

Born: March 12, 1966, USSR
Emigration to Israel: 1975

Languages:

Hebrew
English
Russian

Education:

1996-2002 Ph.D., Sackler School of Medicine:
Tel-Aviv University.
"Differentiation of human macrophages in a closed
sterile system".
1991-1992 M.Sc, Bar Ilan University:
"Male Fertility"
1988-1990 B.Sc., Life Sciences, Bar Ilan University

Practical experience:

2002- QA Manager in MDA blood Services Center
2000-2002 Assistant Manager of QA/ QC unit in MDA blood Services
Center
1994-2000 QA/ QC supervisor in MDA blood services center:
participating in all blood bank activities.

Research and Academic Activities:

2002-2003 Macrophage function in the wound healing process of elderly
people as compared to young
1994 - Platelet cross match and characterization of Human Platelet
Antigens and Antibodies.
1993-1994 Pathology of erythrocyte membranes and cytoskeleton.
1992-1994 Biochemical markers of Melanoma in Urine.
1992-1993 Catecholamines in Urine as a marker of Malignancies.

Publications, Scientific presentations and Posters:

1. Danon D, Frenkel O, Diamantshtein L, Winkler E, and Orenstein A. Case Report: **macrophage treatment of pressure sores in paraplegia.**
J of Wound Care 1998, 7(6):281-283.
2. Frenkel O, Shani E, Ben-Bassat I, Brok-Simoni F, Shinar E, Danon D
Activation of human monocytes/macrophages by hypo-osmotic shock.
Clin and Exp Immunol 2001 124(1): 103-109.
3. Frenkel O, Shani E, Ben-Bassat I, Brok-Simoni F, Rozenfeld-Granot G, Kajakaro G, Rechavi G, Amariglio N, Shinar E, and Danon D.
Activated macrophages for treating skin ulceration: gene expression in human monocytes after hypo-osmotic shock.
Clin and Exp Immunol 2002, 128:59-66.
4. **ISBT** (International Society of Blood Transfusion) – Israel 1999.
Oral Presentation: **Activation of macrophages, prepared from a blood unit, by osmotic shock.**
O. Frenkel, I. Ben-Bassat F, Brok-Simoni, E. Shani , E. Rosenthal, E. Shinar and D. Danon
5. **ETRS** (European Tissue Repair Society) – Wales 2001.
Poster Presentation: **Activated macrophages for treating skin ulceration: Gene expression in human monocytes after hyposmotic shock**
Frenkel O, Rechavi G, Shinar E, and Danon D
6. **ISBT** (International Society of Blood Transfusion) – France 2001.
Poster Presentation: **Validation of protocol for red blood cells transportation**
Frenkel O, Yhalom V, Michlin H, Prober G, Rushkin G, and Shinar E
7. **ISBT** (International Society of Blood Transfusion) – France 2001.
Poster Presentation: **Gene expression profile of cytokines and receptors in human monocytes/macrophages activated by hyposmotic shock**
Frenkel O, Shani E, Ben-Bassat I, Brok-Simoni F, Rozenfeld-Granot G, Kajakaro G, Rechavi G, Amariglio N, Shinar E, and Danon D
8. **ISBT** (International Society of Blood Transfusion) – Turkey 2003.
Oral Presentation: **Error management a big headache or a tool for process improvement?**
O. Frenkel, H. Michlin, G. Rushkin, V. Yhalom and E. Shinar.
9. **Macrophages prepared from a blood unit for the treatment of human refractory ulcers.**
A. Zuloff-Shani, O. Frenkel, E. Shinar, E. Kachel, A. Orenstein and D. Danon.
Transfusion, 43 (9S), 2003.