SERGE (YAN) LANDAU **NOVEMBER 2006**

I. Personal

1953	Born in Paris, France.
1971	Immigration to Israel. Kibbutz Bar-Am.
1971-1973	Military duty in the Israel Defense Forces. Yom Kippur War.

II. University Education and Additional Training

1975-1983	B. Sc. and M. Sc. in Agriculture at the Hebrew University
1989-1993	Ph.D. in Agriculture (Applied Biochemistry) at the Hebrew University. Supervision: Dr. Z. Nitsan and Prof. Z. Madar.
1993-1994	Postdoctoral position at West Virginia University. Supervision: Dr. R.W. Russell and Prof. E.K. Inskeep.

III. Position Held and Academic Status

1974-1975	Manager of the calf-raising unit, Kibbutz Bar-Am.
1978-1981	Field Advisor, Division of Agriculture, Abic (Ltd.).
1981-1996	Nutritionist, Sheep and Goats Division, the Ministry of Agriculture, Extension Service, Tel Aviv.
1996 to date	Scientist, Department of Natural Resources, Agricultural Research Organization, Bet Dagan, Israel.

IV. Near Infrared Studies

Landau, S., Friedman, S., Devash, L., Mabjeesh, S.J. (2002). Polyethylene Glycol, determined by Near-Infrared Reflectance Spectroscopy, as a marker of fecal output in goats. *J. Agr. Food Chem*, 50: 1374-1378

Dvash, L., Afik, O., Shafir, S., Schaffer, A.Yeselson, Y., Dag, A., **Landau, S**. (2002) Determination by Near-Infrared Spectroscopy of Perseitol used as a marker for the botanical origin of Avocado (*Persea Americana* Mill.) honey.*J. Agric. Food Chem*., 19:5283-5287

Landau, S., Xue, B., Dvash, L., Friedman, S., Mabjeesh, S.J. (2003). Polyethylene glycol, used to alleviate the negative effects of dietary tannins, can also serve as a marker of fecal output in goats. *Small Rumin. Res*., 48 : 37-43

Landau, S., Dvash, L., Decandia, M., Cabiddu, A., Shapiro, F., Molle, G., Silanikove, N. (2004). Determination of Poly(ethylene glycol)-binding to Browse Foliage, as an Assay of Tannin, by Near-Infrared Reflectance Spectroscopy.*J. Agric. Food Chem*., 52: 638-642.

Landau, S., Glasser, T., Dvash, L., Perevolotsky, A. (2004). Fecal NIRS to monitor the diet of Mediterranean goats. *S. Afr. J. Anim. Sci*., 34 (5): 76-80.*Small Rumin. Res.*, 58: 115-122

Landau, S., Glasser, T., Muklada, H., Dvash, L., Perevolotsky, A., Ungar, E.D., Walker, J.W. (2005). Fecal NIRS prediction of dietary protein percentage and *in vitro* dry matter digestibility in diets ingested by goats in Mediterranean scrubland. *Small Rumin Res.*, 59: 251-263.

Landau, S., Decandia, M., Molle, G., Cabiddu, A., Scanu, G., Dvash, L., Brosh, A. (2005). NIRS-aided evaluation of fecal output in goats browsing on Mediterranean woodland. *Opt. Med*., 67, 407-412.

Landau, S., Glasser, T., Dvash, L. (2006). Monitoring nutrition in small ruminants by aids of near infrared spectroscopy (NIRS) technology: a review. *Small Rumin. Res.*, 61: 1-11

Landau, S., Nitzan , R., Barkai, D., Dvash, L. (2007)**.** The use of excretal Near Infrared Reflectance Spectrometry to monitor the nutrient content of diets of grazing young ostriches (*Struthio camelus*)**.** *S.A. J. Anim. Sci.* 36 (4): 1-9.