

CURRICULUM VITAE

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Elementary Education:

Lawrence Station High School, Charlotte Co. N.B. Graduation June, 1964

Degrees:

1. B.Sc. – University of New Brunswick – 1968
2. M.T.(Chem) – Canadian Society of Laboratory Technologists – 1970

Present Position:

Research Coordinator, Pathology and Laboratory Medicine,
Mount Sinai Hospital, Toronto.

Previous Positions:

1. 1968-1970, Intermediate Technologist, Chemistry Department, Department of Health and Welfare, Provincial Laboratory, Fredericton, New Brunswick.
2. 1970-1974, Intermediate Technologist, Metabolic Renal Laboratory, Toronto Western Hospital, Toronto, Ontario.
3. 1974-1979, Senior Technologist, Metabolic Renal Laboratory, Toronto Western Hospital, Toronto, Ontario.
4. 1979-1995, Charge Technologist, Metabolic Renal Laboratory/ Clinical Research Laboratory, Toronto Western Hospital, Toronto, Ontario.

Society Memberships:

Canadian Society of Laboratory Technologists
College of Medical Technologists of Ontario

Professional Development:

<i>Michener Institute:</i>	Practical Applications of DNA Technology Teaching Techniques
<i>Ryerson Polytechnical Institute:</i>	Introduction to HPLC
<i>University of Toronto</i>	Radiation Safety
<i>Toronto Western Management Courses</i>	Managing in a Decentralized Organization Introduction to Performance Management

Ortho Diagnostics
Hewlett Packard
Pharmacia

Labour Relations
Interview Skills Workshop
Writing Persuasive Proposals
Audio-Visual Techniques
Laboratory Management
HP1100 Troubleshooting and Maintenance
Protein Purification: Biotechniques Theory and Tips

Presentations:

1. Telemedicine Canada. 1988 – PTH
2. AACC, Upstate New York section, Spring Meeting, Syracuse, NY, 1991

Publications:

Technical Bulletin

1. **L. Grass**, S. Locke, *et al.* Colorimetric and enzymatic methods compared for urine citrate. *Clin Chem* 30, 1074 (1987).

Research Papers

1. PR Udall, AG Awad, WO McCormick, LB Carter, T Gonsik, L Grass, and MI Kugelmass. Renal function in patients receiving long term lithium therapy. *CMAJ* 124(11): 1471-74 (1981).
2. H Goldberg, **L Grass**, R Vogel, A Rapaport, DG Oreopoulos. Current Review: Urine citrate and renal stone disease. *CMAJ*, 141:(1989).
3. A Mitwalli, A Ayiomamitis, **L Grass**, DG Oreopoulos Control of hyperoxaluria with large doses of pyridoxine in patients with kidney stones. *Int Urol Nephrol* 20(4): 353-359 (1988).
4. E.P.Diamandis, **L. Grass**, R. Udall, D Mendelsohn, D. Maini. An enzymatic method for measuring serum mannitol and its uses in hemodialysis patients. *Clin Biochem*, 25: 457-462 (1992).
5. P. Papanastasiou, **L Grass**, H Rodela, A Patrikarea, DG Oreopoulos and E. P. Diamandis. Immunological quantification of advanced glycosylation end products in serum of patients on hemodialysis or continuous ambulatory peritoneal dialysis. *Kidney Int* 46: 216-222 (1994).
6. H Yu, E. P. Diamandis and **L Grass**. Induction of prostate specific antigen by steroids and tamoxifen in breast cancer cell lines. *Breast Cancer Res Treat.* 32(3): 291-300 (1994).

7. N Zarghami, **L Grass**, EP Diamandis. Steroid hormone regulation of prostate specific antigen gene expression in breast cancer. *Br J Cancer* 75(4): 579-88 (1997).
8. N Zarghami, **L Grass**, ER Sauter, EP Diamandis. Prostate specific antigen in serum during the menstrual cycle. *Clin Chem* 43(10): 1862-7 (1997).
9. D Tsuyuki, **L Grass**, EP Diamandis. Frequent detection of mutations in the 5' flanking region of the prostate specific antigen gene in female breast cancer. *Eur J C Cancer*, 33: 1851-1853, (1997).
10. TP Degenhardt, **L Grass**, S Reddy, SR Thrope, EP Diamandis, JW Baynes. The serum concentration of the advanced glycation endproduct, N epsilon-(carboxymethyl) lysine, is increased in uremia. *Kidney Int*, 69: 1064-1067 (1997).
11. RS Rosenberg, **L Grass**, DJA Jenkins, CWC Kendall, EP Diamandis. Modulation of androgen and progesterone receptors by phytochemicals in breast cancer cell lines. *Biochem Biophys Res Commun*, 248: 9335-939 (1998).
12. DN Melegos, **CL Grass**, A Pierratos, EP Diamandis. Highly elevated levels of prostaglandin D synthase in the serum of patients with renal failure. *Urology* 53: 32-37 (1999).
13. MH Black, **CL Grass**, J Leinonen, U-H Stenman, EP Diamandis. Characterization of new monoclonal antibodies for prostate specific antigen (PSA) and development of highly sensitive free PSA assays. *Clin Chem* 45: 347-354 (1999).
14. LY Luo, **CL Grass**, EP Diamandis The normal epithelial cell-specific 1 (NES-1) gene is up-regulated by steroid hormones in the breast cancer cell line BT-474. (submitted 1999).
15. RS Rosenberg-Zaand, **CL Grass**, A Magklara, DJA Jenkins, EP Diamandis. Is ICI 182780 an anti-progestin in addition to being an anti-estrogen? (submitted 1999).