

## *Curriculum Vitae*

### **Rachel Stacey Rosenberg Zand**

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Date of Birth: February 2, 1972

Citizenship: Canadian

### **Education**

#### ***September 1997 — Present***

**Doctor of Philosophy**  
University of Toronto, Department of Nutritional Sciences

#### ***September 1995 — September 1997***

**Master of Science**  
University of Toronto, Department of Nutritional Sciences

#### ***September 1990 — June 1994***

**Honours Bachelor of Science**  
University of Toronto, Department of Toxicology and Pharmacology  
University of Toronto, Department of Human Biology

### **Awards**

#### ***September 1999***

**Annie L Laird Fellowship in Food Science**  
**University of Toronto Doctoral Open Fellowship**

#### ***September 1998***

**University of Toronto Doctoral Open Fellowship**

**September 1997**

University of Toronto Doctoral Open Fellowship

**September 1996**

University of Toronto Master's Open Fellowship

**June 1996**

Faculty of Medicine Life Sciences Award

**Research****August 1995 — present****Research Assistant — Dr. David Jenkins**

University of Toronto, Department of Nutritional Sciences

**Research Assistant — Dr. Eleftherios Diamandis**

Mount Sinai Hospital, Department of Pathology and Laboratory Medicine

**September 1993 — June 1994****Research Assistant — Dr. Neil Shear**

Sunnybrook Health Science Centre,

Department of Pharmacology, Adverse Drug Reaction Clinic

**Poster Presentations**

1. CWC Kendall, TPP Ransom, TMS Wolever, DG Popovich, N Tariq, **RS Rosenberg**, AL Jenkins, DJA Jenkins. Glycemic index of commonly consumed foods. FASEB (Abstract #4551), Washington DC, April 13-17, 1996.
2. **RS Rosenberg**, EP Diamandis, CWC Kendall, TPP Ransom, DJA Jenkins. The effect of plant-derived compounds on hormone-dependent cancers: implications for prevention and treatment. FASEB (Abstract #2833), Washington DC, April 13-17, 1996.

**Publications**

1. Rao PN, Wang Z, Cessac JW, **Rosenberg RS**, Jenkins DJA, Diamandis EP. 11 $\beta$ -Aryl substituted steroidal 17-spirolactone exhibits both progestational and antiprogestational activity. *Steroids* 1998;63:523-30.
2. Jenkins DJA, Kendall CWC, Vidgen E, Agarwal S, Rao AV, **Rosenberg RS**, Diamandis EP, Novokmet R, Mehling CC, Perera T, Griffin LC, Cunnane SC. Health aspects of partially defatted flaxseed: effects on serum lipids, oxidative measures and ex vivo androgen and progestin activities — a controlled crossover trial. *Am J Clin Nutr* 1999;69:395-402.

3. **Rosenberg RS**, Grass L, Jenkins DJ, Kendall CW, Diamandis EP. Modulation of androgen and progesterone receptors by phytochemicals in breast cancer cell lines. *Biochem Biophys Res Commun* 1998;248:935-9.
4. **Rosenberg Zand RS**, Grass L, Magklara A, Jenkins DJA, Diamandis EP. Is ICI 182,780 an anti-progestin in addition to being an anti-estrogen? *Biochem Biophys Res Commun* 1999 (in press).
5. **Rosenberg Zand RS**, Diamandis EP. Development and assessment of a competitive assay for the estrogen-regulated pS2 protein. *J Lab Clin Analysis* 1999 (in press).
6. Jenkins DJA, Kendall CWC, Mehling C, Agarwal S, Rao AV, **Rosenberg Zand RS**, Diamandis EP et al. Effect of soy protein foods on low density lipoprotein cholesterol oxidation and ex vivo sex hormone receptor activity — a controlled crossover trial. *JAMA* (in press).
7. **Rosenberg Zand RS**, Jenkins DJA, Diamandis EP. Agonistic activity of flavonoids and related compounds on steroid hormone receptors. (in preparation).

### Student Council Activities

#### ***September 1997 — present***

##### **President**

University of Toronto, Nutritional Sciences Graduate Students' Association

#### ***September 1995 — June 1997***

##### **Graduate Students' Union Representative**

University of Toronto, Nutritional Sciences Graduate Students' Association  
University of Toronto, Graduate Students' Union

#### ***November 1995 — June 1996***

##### **GSU Club Director, Division 4 (Medical Sciences)**

University of Toronto, Graduate Students' Union  
University of Toronto, Faculty of Medicine

### Conferences

1. American Institute for Cancer Research 1999, Washington, DC. Sept 2-3, 1999.
2. American Association of Cancer Research 1999, Philadelphia, PA. Apr 11-14, 1999.
3. Kellogg's Symposium 1998, Toronto, ON. March 1998.
4. FASEB 1996, Washington, DC. April 14-17, 1996.
5. Kellogg's Symposium 1996, Toronto, ON. March 1996.
6. Olive Oil Conference 1996, Toronto, ON. January 1996.