Lucila Aimo

Phone: +41(0)21-544-6065 - Portable:+41(0)78-919-6960 - E-Mail: laimo@ucdavis.edu
***Languages:** Spanish (native), English (fluent), French (intermediary)*

EDUCATION

Postdoctoral Fellow - Department of Animal Science, University of California Davis, United States and Centre Pluridisciplinaire d'Oncologie (CePO), CHUV, Switzerland

Ph.D. Cell Biology - School of Pharmacy and Biochemistry
University of Buenos Aires, Argentina and University of California Davis, United States

B.A./M.S. Biochemistry - School of Pharmacy and Biochemistry
University of Buenos Aires, Argentina

HONORS AND AWARDS

United States Department of Defense Breast Cancer Research Postdoctoral Award **2009**

Co-authored article Arch Toxicol. 2008 Nov;82(11):789-802 selected as the November Children's Environmental Health Article of the Month **2008**

Marie Weldon Taubeneck Travel Award, Department of Nutrition,
University of California Davis, United States **2005**

Best Poster Award. Sixth Annual UC Davis Conference for Environmental Health Scientists,
California, United States **2004**

Doctoral Fellowship, University of Buenos Aires, Argentina **2003**

Research Scholarship for Undergraduate Students, University of Buenos Aires, Argentina **2000**

Journal of Reproduction and Fertility Research Scholarship for Undergraduate Students.
Institute of Reproductive Biology, University of Edinburgh, Scotland **2000**

TEACHING EXPERIENCE

Teaching Assistant in Nutrition 101 undergraduate course,
University of California Davis, United States **2004-2008**

Teaching Assistant in Physical-Chemistry undergraduate and postgraduate courses,
School of Pharmacy and Biochemistry, University of Buenos Aires, Argentina **1998-2003**

RESEARCH EXPERIENCE

Lipid regulation of mammary gland growth, Department of Animal Science,
University of California Davis, United States
and Centre Pluridisciplinaire d'Oncologie, CHUV, Switzerland **2008-Actual**

Zinc deficiency in neuronal cells, Department of Nutrition,
University of California Davis, United States **2002-2008**

Lead toxicity in neuronal cells, Department of Environmental Toxicology,
University of California Davis, United States **2002-2008**

Clinical Laboratory Internship,
San Isidro Children's Hospital, Buenos Aires, Argentina **2001**

Mechanisms involved in endometrial/decidual remodeling and repair
Institute of Reproductive Biology, University of Edinburgh, Scotland **2000**

Iron overload and oxidative stress, Department of Physical-Chemistry,
School of Pharmacy and Biochemistry, University of Buenos Aires, Argentina **1998-2002**

SELECTED PUBLICATIONS (OUT OF 13)

1.Diverse and Active Roles for Adipocytes During Mammary Gland Growth and Function.
Hovey, R.C. and **Aimo, L.** *J Mammary Gland Biol Neoplasia* 2010 Sep;15(3) pages 279-90.

2.Nutritional modulation of mammary gland growth and function.
Hovey, R.C., **Aimo, L,** Glovicski, J.M., Lock, A.L., Kraft, J., Van Eenennaam, A.L. and Trott, J.F. *Proceedings of the 2010 California Animal Nutrition Conference* pages 88-92 .

3.Low extracellular zinc increases neuronal oxidant production initially through NADPH oxidase activation.
Aimo, L., Cher, G.N. and Oteiza, P.I. *Free Radic Biol Med*. 2010 Jun 15;48(12):1577-87.

4.Gestational zinc deficiency affects the regulation of transcription factors AP-1, NF-kappaB and NFAT in fetal brain.
Aimo, L., Mackenzie, G.G., Keen, C.L., Keenan, A. and Oteiza, P.I. *J Nutr Biochem*. 2010 Jan 19.

5.The role of zinc in the modulation of neuronal proliferation and apoptosis.
Adamo, A.M., Zago, M.P., Mackenzie, G.G., **Aimo, L**., Keen, C.L., Keenan, A.H. and Oteiza, P.I. *Neurotox Res*. 2010 Jan;17(1):1-14

6.Aluminium and lead: Molecular mechanisms of brain toxicity.
Verstraeten, S.V., **Aimo, L.** and Oteiza, P.I. *Arch Toxicol*. 2008 Nov;82(11):789-802

7.Zinc deficiency in neuronal biology.
Mackenzie, G.G., Zago M.P., **Aimo, L.** and Oteiza, P.I. *IUBMB Life* (2007) Apr-May;59(4-5):299-307.

8.Zinc deficiency increases susceptibility of human neuroblastoma cells to lead-induced AP-1 activation.
Aimo, L. and Oteiza, P. *Toxicol. Sci*. (2006) 91(1): 184-91.

9.Iron-induced ascorbate free radical formation in plasma: comparative studies in acute and chronic iron overload in rats.
Galleano M., **Aimo L**., y Puntarulo S. *Toxicol Lett*. (2002) 133(2-3):193-201.

10.Nitric oxide and iron overload. Limitations of ESR detection by DETC.
Galleano, M.; **Aimo, L**., Borroni, M. V. y Puntarulo, S. *Toxicology* (2001) 167: 199-205.