

## Curriculum Vitae Ruth A. Valero

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Ruth A. Valero López, BS

Madrid (Spain), 1975

Institute of Molecular Biology and Genetics (IBGM). c/ Sanz y Forés s/n 47003 Valladolid, Spain.

Tel: +34 983 184822

Fax: +34 983 184800

E-mail: [ruthana@ibgm.uva.es](mailto:ruthana@ibgm.uva.es)

**Present Position:** Graduate Student.

Institute of Molecular Biology and Genetics (IBGM). University of Valladolid and Spanish research Council (CSIC) c/ Sanz y Forés s/n 47003 Valladolid, Spain. Dr. Carlos Villalobos Lab.

**Education:**

BS, Molecular Biology . SEK University at Segovia (Spain). 2002.

### List of Publications

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- Valero RA, Núñez L, Senovilla L, Sanz S, García-Sancho J and Villalobos C. (2006) Cell proliferation depends on mitochondrial  $\text{Ca}^{2+}$  uptake: Inhibition by salicylate. *J Physiol (London)* 571(1), 57-73.
- Valero RA, Núñez L, Senovilla L, García-Sancho J and Villalobos C. *Ruthenium compounds prevent tumor cell growth by disrupting mitochondrial control of capacitative  $\text{Ca}^{2+}$  entry.* *J Physiol Biochem* 61(1): p273, 2005
- Núñez L, Valero RA, Senovilla L, García-Sancho J and Villalobos C (2005) The aspirin metabolite salicylate prevents tumor cell growth by disrupting mitochondrial control of capacitative  $\text{Ca}^{2+}$  entry. *J Physiol Biochem* 61(1): p74. 2005.

### Research Projects

- Cancer chemoprevention: mitochondrial calcium as target of NSAIDs and new aspirins. Regional Government of Junta de Castilla y León (VA 05/04). 2005. PI Carlos Villalobos
- Pituitary Pathophysiology: cell plasticity and pituitary tumors. Fondo de Investigaciones Sanitarias (FIS), Spanish Health Department. 2004 – 2006. PI Carlos Villalobos

### Communications

- *Ruthenium compounds prevent tumor cell growth by disrupting mitochondrial control of capacitative  $\text{Ca}^{2+}$  entry.* XXXIII Congress of the Spanish Society of Physiological Sciences. Seville, Spain, Feb 2005.
- *The aspirin metabolite salicylate prevents tumor cell growth by disrupting mitochondrial control of capacitative  $\text{Ca}^{2+}$  entry.* XXXIII Congress of the Spanish Society of Physiological Sciences. Oral communication in the Cell Signalling I symposium. Seville, Spain. Feb 2005.