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**MÁXIMO GRADO DE ESTUDIOS: post-Doctorado**

**CATEGORÍA: PTC**

**NIVEL SNI: C**

**PRODEP: en proceso**

**PROGRAMA DE ADSCRIPCIÓN: BIOLOGÍA**

**LÍNEAS O ESPECIALIDAD DE INVESTIGACIÓN: Química, Química Orgánica, Neurociencias Integrativas Moleculares y Nanotecnología.**

### **PUBLICACIONES SELECTAS:**

#### **Wiley Periodicals. Inc., August 2014**

Scanning Electron Microscopy of Bacteria Tetrasphaera duodecadis.  
E. Arroyo, L. Enriquez, A. Sanchez, M. Ovalle and A. olivas. Scanning vol. 36, 547-550. DOI: 10.1002/sca.21154

#### **Journal of Immunology, November 2012**

Cutting Edge: IL-13Ra1 Expression in Dopaminergic Neurons Contributes to Their Oxidative Stress- Mediated Loss following Chronic Peripheral Treatment with Lipopolysaccharide. Brad E. Morrison, Maria Cecilia Garibaldi Marcondes, Pamela Maher, Shuei Sugama

Bruno Conti, **Alejandro Sanchez-Gonzalez**, Indrek Saar, Kwang- Soo Kim, Tamas Bartfai Daniel K. Nomura and Manuel Sanchez-Alavez, *J Immunol* 2012; 189:5498-5502

#### **Metabolism, October 2012**

Downregulation of GPR83 in the hypothalamic preoptic area reduces core body temperature and Elevates circulating levels of adiponectin Dubins JS, Sanchez-Alavez M, Zhukov V, **Sanchez- Gonzalez A**, Moroncini G, Carvajal-Gonzalez S, Hadcock JR, Bartfai T, Conti B. *Metabolism*. 2012 Oct;61(10):1486-93. doi: 10.1016/j.metabol.2012.03.015. Epub 2012 May 4. PubMed PMID: 22560055; PubMed Central PMCID: PMC3415578.

#### **Mol & Cell biotech February 2012**

Modulation of hypothalamic molecular pathways in models of calorie restriction and reduction of core body temperature. **Alejandro Sanchez-Gonzalez**, Henry Bradlow, Manuel Sanchez-Alavez, Victor Zuckov, Eduardo A. Bustamante, Tim Ravasi, Maria Cecilia Garibaldi Marcondes and Bruno Conti. Feb 2012. *Dev Genes Evol*, January 2012

The medicinal leech genome encodes 21 innexin genes: different combinations are expressed by identified central neurons Brandon Kandarian & Jasmine Sethi & Allan Wu & Michael Baker & Neema Yazdani & Eunice Kym & **Alejandro Sanchez-Gonzalez** & Lee Edsall & Terry Gaasterland & Eduardo Macagno. *Dev Genes Evol*. 2012 Mar;222(1):29-44. Epub 2012 Feb 23.

#### **Brain Research, September 2011**

AdipoR1 and 2 are expressed on warm sensitive neurons of the hypothalamic preoptic area and contribute to central hyperthermic effects of adiponectin. Izabella Klein; Manuel Sanchez-Alavez; Iustin Tabarean; Jean Schaefer; Kristina H Holmberg; Joe Klaus; Fengcheng Xia; Maria Cecilia Garibaldi Marcondes; Jeffrey S Dubins; Viktor Zhukov; Bradley Morrison; **Alejandro Sanchez- Gonzalez**; Kayo Mitsukawa; John R Hadcock; Tamas Bartfai; *Brain Research*; Sep 17, 2011.