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Georgia State University.
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EDUCATION

- Ph.D. Neuroscience: 2015.
National University of Córdoba, Córdoba, Argentina.
Dissertation title: Role of sex chromosomes in brain sexual differentiation.
Mentor: María Julia Cambiasso, PhD
- B.S. Biologist (equivalent MS Biology): 2007.
National University of Córdoba, Argentina.
Thesis title: Influence of external prenatal adverse agents on the maternal synchronization of fetal clock.
Mentor: Nelia T. Vermouth, PhD

EXPERIENCE

- Position: Postdoctoral Research Associate
Advisor: Nancy Forger, PhD
Institution: Georgia State University, Atlanta, GA (2016-present)
- Position: Assistant Professor
Institution: Department of Oral Biology. Introduction to Biological Physics and Chemistry, College of Dentistry, National University of Córdoba (2011- present)
- Position: Postdoctoral Fellow
Advisor: María Julia Cambiasso, PhD
Institution: Mercedes and Martin Ferreyra Institute, INIMEC-CONICET-UNC. Córdoba, Argentina (2016)
- Position: PhD Fellow
Advisor: María Julia Cambiasso, PhD
Institution: Mercedes and Martin Ferreyra Institute, INIMEC-CONICET-UNC. Córdoba, Argentina (2010-2015)

- Position: Research Assistant (research stay)
Advisor: Luis Miguel García-Segura, PhD
Institution: Cajal Institute, Madrid, Spain (2014-2015)
- Position: Undergraduate student researcher
Advisor: Nelia Vermouth, PhD
Institution: National University of Córdoba, Córdoba, Argentina (2005-2007)

FELLOWSHIPS AND AWARDS

- **Research Initiation Fellowship.** Research fellowship for undergraduates (2006 - 2007)
- **Doctoral Fellowship Type I.** Research fellowship. National Council of Scientific and Technical Investigations (CONICET). Argentina (2010 - 2013)
- **Ricardo Miledi Neuroscience Training Program.** SfN. Society for Neuroscience. (2011)
- **Hugo Arechiga Fellowship.** Grass Foundation. Travel Award. (2011)
- **Doctoral Fellowship Type II.** Research fellowship. National Council of Scientific and Technical Investigations (CONICET). Argentina (2013-2015)
- **SAFIS** (Argentine Society for Physiology). Travel award. (2013)
- **“i-COOP+”** Research fellowship. National Agency Superior Council of Scientific Investigations (CSIC), Spain. (2014-2015)
- **Postdoc Fellowship** National Council of Scientific and Technical Investigations (CONICET). Argentina (2016)
- **SfN-IBRO** Travel Award (2016)

PUBLICATIONS

- Cambiasso MJ, **Cisternas CD**, Ruiz-Palmero I, Scerbo MJ, Arevalo MA, Azcoitia I, Garcia-Segura LM. Interaction of sex chromosome complement, gonadal hormones and neuronal steroid synthesis on the sexual differentiation of mammalian neurons. *J Neurogenetics*. Submitted - Manuscript ID GNEG-2017-0060.
- **Cisternas CD**, García-Segura LM, Cambiasso MJ. Hormonal and genetic factors interact to control aromatase expression in the developing brain. *J Neuroendocrinol*. In press
- **Cisternas CD**, Cabrera Zapata LE, Arevalo MA, García-Segura LM, Cambiasso MJ. (2017) Regulation of aromatase expression in the anterior amygdala of the developing mouse brain depends on ER β and sex chromosome complement. *Sci Rep*. 7(1):5320.
- Dadam FM, **Cisternas CD**, Macchione AF, Godino A, Antunes-Rodrigues J, Cambiasso MJ, Vivas LM, Caeiro XE. (2017) Sex chromosome complement involvement in angiotensin receptor sexual dimorphism. *Mol Cell Endocrinol*. 15;447:98-105.

- **Cisternas CD**, Tome K, Caeiro XE, Dadam FM, García-Segura LM, Cambiasso MJ (2015) Sex chromosome complement determines sex differences in aromatase expression and regulation in the stria terminalis and anterior amygdala of developing brain. *Mol Cell Endocrinol* 414:99-110.
- Dadam FM, Caeiro XE, **Cisternas CD**, Macchione AF, Cambiasso MJ and Vivas L (2014) Effect of sex chromosome complement on sodium appetite and Fos-immunoreactivity induced by sodium depletion. *Am J Physiol Regul Integr Comp Physiol* 306: R175–R184.
- Scerbo MJ, Freire-Regatillo A, **Cisternas CD**, Brunotto M, Arevalo MA, Garcia-Segura LM and Cambiasso MJ (2014) Neurogenin 3 mediates sex chromosome effects on the generation of sex differences in hypothalamic neuronal development. *Front Cell Neurosci.* 8:188.
- **Cisternas CD**, Compagnucci MV, Conti NR, Ponce RH, Vermouth NT (2010) Protective effect of maternal prenatal melatonin administration on rat pups born to mothers submitted to constant light during gestation. *Brazilian Journal of Medical and Biological Research* 43: 874-882.

Published Abstracts and Conference Presentations

- **Cisternas CD**, Arevalo MA, Garcia-Segura LM, Cambiasso MJ. Role of sex chromosome complement in the regulation of aromatase expression in developing mice brain. Society for Neuroscience, Program No. 163.09. 2011 Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2016. Online.
- **Cisternas CD**, Arevalo MA, Garcia-Segura LM, Cambiasso MJ. Role of X-linked genes on sex differences in neurogenin 3 expression in developing hypothalamic neurons. 2nd Meeting of Federation of Latin-American and Caribbean Neuroscience Societies (FALAN). Buenos Aires, Argentina. October, 2016.
- Tome K; **Cisternas CD**; Scerbo MJ; Cambiasso MJ. Abolition of the sex Difference in Ngn3 by Estradiol is depending on sex chromosome complement. Argentine Society for Neuroscience (SAN). Córdoba. Argentina. October, 2014.
- **Cisternas CD**, Tome K, Cambiasso MJ. Expression of key steroidogenic enzymes in developing brain: hormonal compensation of sex chromosomes-induced sex differences. Argentine Society for Neuroscience (SAN). Córdoba. Argentina. October, 2014.
- **Cisternas, CD**; Caeiro X.; Mir F.; Cambiasso M. Sex differences in the expression of genes for aromatase and androgen and estrogen receptors in brain development before masculinization by gonadal steroids in utero: the role of sex chromosome complement. Argentine Society for Clinical Research (SAIC). Mar del Plata, Argentina. November, 2013.
- **Cisternas, CD**; Tomé, K; Scerbo, MJ; Cambiasso, MJ. Sex differences in Ngn3 expression in primary hypothalamic neurons is determined by sex chromosomes. Argentine Society for Neuroscience (SAN). Córdoba. Argentina. October, 2013.
- Dadam F, Caeiro, X; **Cisternas CD**, Vivas L, Cambiasso MJ. Participation of sex chromosome complement in brain pattern activation during acute sodium depletion. Argentine Society for Neuroscience (SAN). Córdoba. Argentina. October, 2011.

- **Cisternas, CD**; Caeiro, X; Mir, F; Scerbo, MJ; Garcia-Segura, LM; Cambiasso, MJ. Participation of sex chromosome complement in the dimorphic expression of embryonic brain aromatase. Program No. 499.09. 2011 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2011. Online.
- Scerbo, MJ; Gorosito, S; Gutierrez, S; Mir, FR; **Cisternas, CD**; Caeiro, X, Torres, A, Cambiasso, MJ. Estradiol induces membrane localization of the estrogen receptor and association with Shc in neurons. Abstract published in *Biocell* 34 (Suppl.):130. 2010.
- **Cisternas, CD**; Caeiro, X; Mir, F; Scerbo, MJ; Cambiasso MJ. Participation of sex chromosome complement in the dimorphic expression of brain aromatase. Argentine Society for Neuroscience (SAN). Córdoba. Argentina. October, 2010.
- Ponce RH, **Cisternas CD**, Vaqué AM, Compagnucci MV, Abramor NF, Vermouth NT. Protective effect of melatonin in pregnant rats. Abstract published in *Biocell* 33(3):A247, 2009.
- **Cisternas CD**, Compagnucci MV, Ponce RH and Vermouth NT. Melatonin administration to mothers suppresses the effect of the prenatal varied chronic stress on LDH and MDH circadian rhythms of rats testis. Abstract published in *Biocell* 32(1):98, 2008.
- Compagnucci MV, **Cisternas CD**, Ponce RH and Vermouth NT. Maternal melatonin restores the effects of prenatal constant light on MDH and LDH circadian rhythms of rats testis. Abstract published in *Biocell* 32(1):99, 2008.
- Compagnucci MV, **Cisternas CD**, Vaqué AM, Ponce RH and Vermouth NT. Maternal melatonin attenuates the demasculinized copulatory behavior of prenatally constant light exposed male rats. Abstract published in *Biocell* 32(1):99, 2008.
- Compagnucci MV, Conti NR, Vaqué AM, **Cisternas CD**, Ponce RH, Vermouth NT. Prenatal chronic constant light and long term behaviour: melatonin effect during gestation. Abstract published in *Medicina* (p ISSN 0025-7680) 67, issue 3, 72 (p 2660), 2008.

ADDITIONAL PARTICIPATION IN CONGRESSES AND SYMPOSIA

- May, 2017. Neuroscience Institute Breakfast & Lectures Series (NIBL). Georgia State University. Type of participation: **Talk**.
- November, 2016. Annual Meeting of Society for Neuroscience. San Diego, CA. USA. Type of participation: **Poster**.
- October, 2016. 2nd Meeting of Federation of Latin-American and Caribbean Neuroscience Societies (FALAN). Buenos Aires, Argentina. Type of participation: **Poster**.
- November, 2013. LVIII Annual Meeting of Argentine Society for Clinical Research. Mar del Plata, Argentina. Type of participation: **Poster**.
- September, 2013: XXVIII Annual Meeting of Argentine Society for Neuroscience (SAN). Huerta Grande, Córdoba. Argentina. Type of participation: **Poster**.
- November, 2011: 41st Society for Neuroscience Annual Meeting. Washington DC. USA. Type of participation: **Poster**.

- October, 2010. II Joint Meeting of Neuroscience. Type of Scientific Meeting: Congress. Huerta Grande, Córdoba. Type of participation: **Poster**.
- September, 2010. “Brain Sexual Differentiation”. INIMEC Symposium. Córdoba. Type of participation: **Talk**.
- August, 2009. XVII Meeting of Biology Society of Córdoba. Type of Scientific Meeting: Congress. Huerta Grande, Córdoba. Type of participation: **Poster**.
- April, 2009. 1st Meeting of Young Researchers in Neuroscience of Cordoba: an interdisciplinary overview. College of Mathematics, Astronomy and Physics. University of Cordoba. Cordoba, Argentina. Type of participation: **Assistant**.
- June, 2009. Prenatal adverse stimuli that affect the mechanism of maternal synchronization of fetal clock. Internal Symposium of Neurophysiology Laboratory. INIMEC. Type of participation: **Talk**.
- August, 2007. First Meeting of Biology Societies of Argentina. Type of Scientific Meeting: Congress. Huerta Grande, Córdoba. Type of participation: **Poster**.

TEACHING AND MENTORING

- **Assistant Professor** in Department of Oral Biology for the course of Introduction to the Biological Physics and Chemistry. College of Dentistry. National University of Córdoba. (2011- Present).
- **Supervision of Undergraduate student:** Karina Tomé. Title: Study of the expression of proneural transcription factor neurogenin3 in a transgenic mouse model for the Sry gene. College of Physics, Natural and Exact Sciences. National University of Córdoba. Argentina. 2013-2014
- **Teaching Assistant** for the pre grade course: Introduction to the Biological Physics and Chemistry. College of Dentistry. National University of Córdoba. Periods: 2008, 2009 and 2010.
- **Student Assistant** for the pre grade course: College of Physics, Natural and Exact Sciences. National University of Córdoba. Periods: 2005 and 2006.

AFFILIATIONS

- International Society for Neurochemistry (ISN). 2012-present.
- Argentine Society for Neurosciences (SAN). 2013-present.
- Society for Neuroscience. 2011-present.
- International Neuroendocrine Federation. 2015-present.

September, 2017